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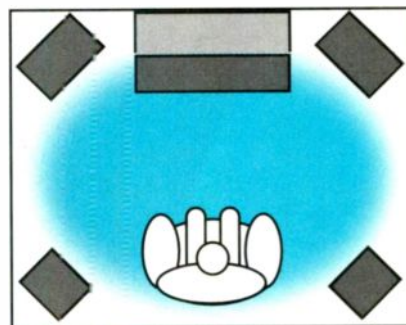
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is to
first be faithful
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Cover photo Tony Cordoza

SYSTEMATIC

How to Buy a Stereo System

BY EDWARD J. FOSTER

I KNOW YOU'RE THINKING ABOUT buying a stereo. (Why else would you pick up this magazine and turn to this page?) So I have a question for you: Are you looking forward to this escapade? Or are you worried that you'll make a mistake? Perhaps a little bit of both? Well, don't worry. Buying a stereo doesn't have to be

intimidating. To the contrary, it can be exciting and fun—not to mention a learning experience. You really can't make any *earthshaking* mistakes. And even if you have second thoughts after buying a piece of equipment, swapping it sometime in the future can be part of the fun. (In stereo lingo, it's called "upgrading.") What you really need is a guide to help you along the way. And that's why we're here.

What we'll do is lay down some general guidelines that'll aim you in the right direction. And while they often raise more questions than they answer, that's the way it should be—this system has to answer *your* needs and take *your* tastes and space considerations into account, so only *you* can answer these questions. If you get stuck, a knowledgeable salesperson (one you've come to trust) or an experienced friend should be able to help with some specifics.

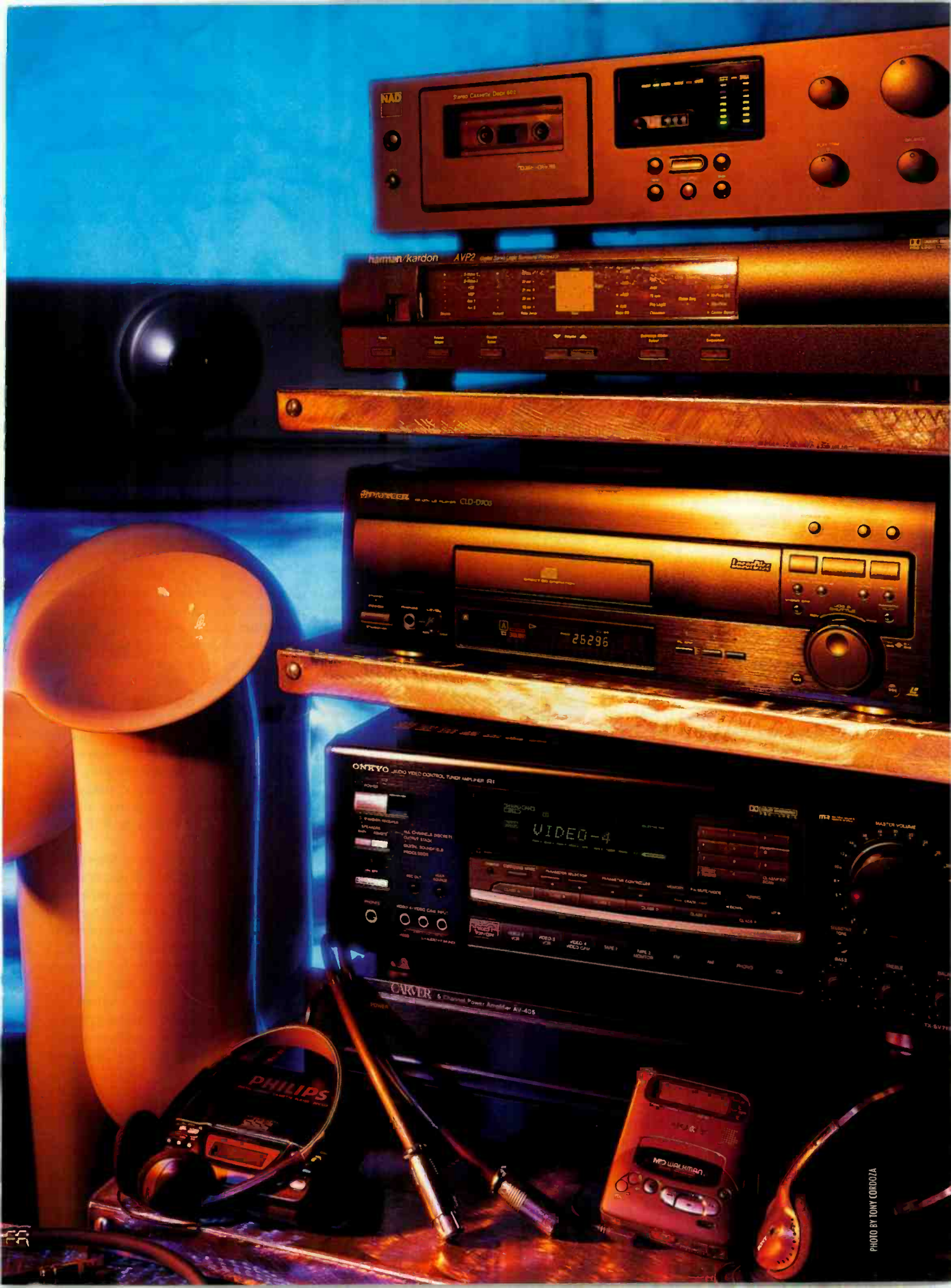
RECEIVER PROS & CONS

One of the most fundamental decisions you'll make is whether to build your stereo system around a "receiver" or "separate components." The latter in-

cludes a tuner, preamplifier, and power amplifier, a tuner/preamp and a power amp, or a tuner and an "integrated amplifier" (an integrated amp combines a preamp with a power amp). A receiver houses a preamp, tuner, and power amp in one chassis. Your choice here will affect cost, ease of use, performance, and future upgradability. Neither route is right or wrong—it all depends on what you want and what you need.

Receivers are more popular in this country than elsewhere in the world. Perhaps this reflects the American penchant for value and convenience. Receivers are more "cost effective" than an ensemble of separates because you only pay for one chassis, power supply, and set of back-panel connectors. Furthermore, receivers are high-volume items that benefit from large-scale production and are targeted at specific, highly competitive prices. They also are likely to be more convenient to use than separates because many functions—such as radio-station selection, volume, balance, and ambience simulation—are combined into a single component and controlled by one remote.





NAD

Stereo Cassette Deck 903

harman/kardon AVP2

Onkyo CLD-900

LaserDisc

ONKYO VIDEO VIDEO CONTROL TUNER AMPLIFIER (R1)

VIDEO-4

PHILIPS
5 Channel Power Amplifier AV-405

PHILIPS
WALKMAN

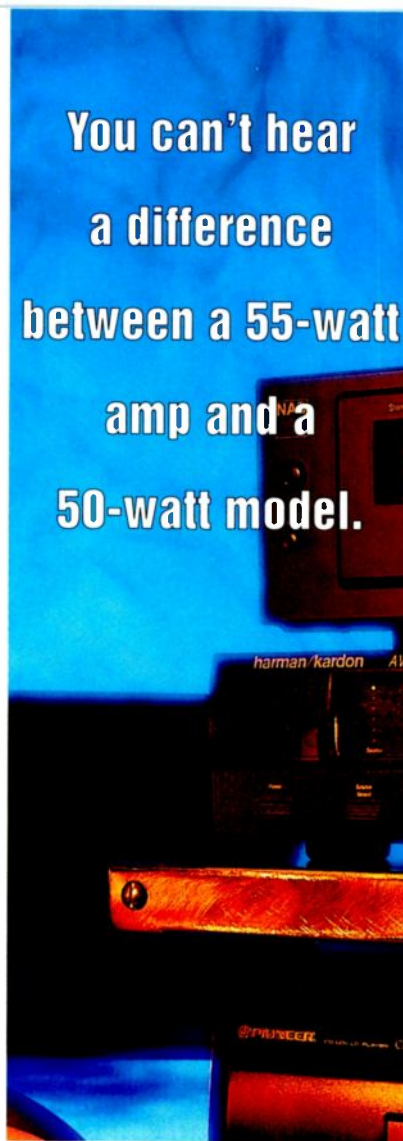
PHOTO BY TONY GODDIA

Separates are generally targeted at an upscale or hobbyist consumer and are marked with correspondingly higher prices. These components are usually more flexible and adaptable than receivers, and they allow you to pick just the features you really want for the pre-amp, tuner, and power-amp functions. Hobbyists also argue that separates employ better parts, but receivers from reputable manufacturers don't really skimp here these days. In any case, if getting the most for your money is of paramount importance, go with a receiver. If you're more interested in adaptability, flexibility, and, arguably, the highest possible level of performance, you probably should be looking into separates.

FEATURES & CONVENIENCE

By and large, receivers offer more features than an ensemble of separate components (though this isn't the case if you do a careful job of piecing together a separates-based system). Whether some receiver features are useful is a matter of debate. For example, many hobbyists turn up their noses at basic bass and treble tone controls—not to mention the not-very-well-executed graphic equalizers that appear on some receiver front panels—because they claim that they degrade audio performance. The same goes for most LOUDNESS controls. (A well-executed loudness circuit should alter the equalization depending upon listening level, but few do.) If these controls must exist, hobbyists insist on the ability to bypass them with a TONE DEFEAT switch, removing the threat of degradation. It's easy enough to determine, while you're shopping, whether tone controls do degrade performance—simply switch them in and out and see if you hear any distortion when they're switched in.

There are a few receiver features that you might find to be of great importance. If you do a fair amount of tape recording and editing, you'll want at least two tape inputs with two-way tape dubbing. If a receiver has separate selector switches for listening and recording, you'll be able to duplicate a tape in the background while you're listening to something else. (This arrangement has other benefits as well.) External links between the receiver's preamplifier outputs and its power-amplifier inputs will allow you to connect an external processor (or a similar component) between them—just as if you had separate components. Also look for heavy-duty output connectors and an adequate number of back-panel AC outlets, which will let you plug in your other



components without overloading your wall outlet with extension plugs.

POWER CONSIDERATIONS

Whether a system is based on a receiver or separates, the most common question asked is: How much power do I need? If there were one simple answer to that, everyone would know it by now and the question would no longer be asked! There are only two hard and fast rules: There's no such thing as having too much power, and small differences in power ratings are meaningless.

An amplifier's power rating indicates its *capability*, not what it's delivering to the system's speakers at any specific moment. Problems arise only when you ask an amplifier to deliver more power than it can by playing the system too loudly. A system used primarily for background music would probably do fine with as little as 10 watts per channel—though it might be rated at 60. For serious listening, however, you might need as much as 100 watts per channel.

Your power needs will depend on

these factors: speaker sensitivity, or efficiency, the size of your room, the acoustics of that room, and listening preferences—that is, how loudly you play your system. Regarding acoustics, a speaker requires more power to generate sound when the room is stuffed with sound-absorbing furniture, rugs, and drapes than it does when it has bare, reflective walls and floor. Of the four factors, the interplay of speaker sensitivity and listening preferences is probably the most important.

Speaker sensitivity can vary over a 10-dB range, which means that the least efficient speaker will require 10 times as much power as the most efficient one to produce the same sound level. Yes, the combination of a very efficient speaker and a 20-watt amplifier will play just as loudly as an extremely inefficient speaker combined with a 200-watt amplifier! (That's why no one can reliably suggest an amount of amp power without first knowing the identity of your speakers . . . as well as your room size/type and your listening preferences.)

This may sound confusing, since you've probably never heard a speaker that's ten times louder than another with the same volume-level setting. The key is that we humans don't hear "linearly"—that is, when power is doubled, the sound *doesn't* get twice as "loud." Instead, we hear "logarithmically," which means that it requires about ten times the power to double the "loudness." This explains why listening preferences play such a large role in determining your power needs—and why it makes no sense to choose one amp over another just because it's rated to deliver a few more watts.

No, you can't hear the difference in loudness between a 55-watt amplifier and a 50-watt model because that difference only amounts to a 0.41-dB change, and that's simply too little to be discerned. You *can* hear a 1-dB difference—a 25 percent increase in power—but then only barely. Keep this in mind when comparing amplifiers or amplifier sections and when you're upgrading. As far as power goes, there's little point making a decision or a change unless you're increasing power by more than 25 percent.

CD OPTIONS

These days, CD players are the primary music source. Even dyed-in-the-wool audiophiles, who originally complained that CDs sounded "hard" and "brittle" compared with vinyl records, have pretty much put away their phobias and

warmed to the convenience and noise-free, wide-range sound that CDs bring. Technophiles focus on the type of digital-to-analog converter (DAC) that a particular model uses but, for most of us, convenience is the key.

In this arena, you have two basic choices: single-play and changer. In the latter category, there are several approaches. Three- to six-disc "carousels" use a turntable-like platter to hold CDs. Magazine changers, which use a removable cartridge to load discs, accommodate a similar number of discs: some of them come with a single-play drawer that lets you listen to (and change) one disc without touching the magazine. And jukebox-like systems can store from eighteen to literally hundreds of discs.

Carousel and magazine changers are the most popular. But classical-music aficionados who typically listen to discs from beginning to end and make each program choice on an individual basis often prefer a single-play model that, besides being physically smaller, may offer more quality for the dollar and is often more convenient to load. Not that carousels and stackers need be difficult to use on a disc-by-disc basis—stackers invariably handle the last disc as if it were in a single-play system, and many carousels permit you to change all the discs but the one that's playing.

I find magazine changers to be the least convenient to use, but people who have a magazine changer in their car stereo system often opt for a similar model at home so they can swap cartridges between the two. And magazine changers are ideal if you want to categorize your music collection; the cartridges let you group discs by type or mix on a semi-permanent basis. (I'm not that organized!)

Large-scale jukeboxes can house an entire music collection, and they're ideal in a custom-installed central system. But what happens when your collection outgrows the box? Can it be expanded? And how easy is it to select the disc you want to play? You don't want a system that takes a degree in computer engineering to use.

CD players should be easy to use. Every CD player offers direct access to any track either by entering the desired track number on a keypad or by tapping the forward or skip buttons the appropriate number of times. Some, but not all, permit you to access individual "index marks" as well (index marks bracket specific segments of a track). Generally, this is valuable only to classical-music

listeners, since most rock, country, and jazz discs aren't indexed.

Most CD players can be programmed to play tracks in any order you specify; changers can usually be programmed to select tracks from any disc in any order.

Some players have a "favorite-track" memory system that "remembers" the track order that you prefer on a number of discs and automatically programs playback in that order when you load the same disc again. This is a great feature if you're hooked on Album A but can't stand tracks 3, 6, and 9. Many decks offer random playback (sometimes called "shuffle play"), which scrambles the playback order of tracks (and discs, in the case of a changer). That can be handy for a party . . . though I don't think Beethoven would have appreciated having the movements of his symphonies randomized. (On the other hand, the Mozart we met in the movie *Amadeus* might have been amused by the notion . . .)

The spec sheets published by CD-player manufacturers often go into excruciating detail on the merits of the converters, "oversampling filters," and other technical features. This can confuse even audiophiles—since "1-bit" converters are presumed better than "16-bit" converters, for example, though the former aren't as good as "20-bit" converters . . . except when they're better! Now I'm not saying that there aren't any technical or sonic differences among CD players. But the differences that exist, at least among quality products from name-brand manufacturers, are incredibly subtle. They're so subtle, in fact, that you can't even hear them unless the rest of the system is of superior quality and your CDs themselves are of exceptional recording quality. As always, the best bet is to trust your ears. If someone claims that Player A is far superior to Player B, audition the two. If there are differences in quality, they're likely to show up on quieter passages and as sound fades into silence. Sometimes the emperor has very few clothes.

THIS IS A RECORDING

For now, CDs are playback-only devices; they don't record. If you wish to duplicate a disc library for other uses or simply like creating compilation "mixes," you have three main choices: the familiar analog cassette and two new digital venues, DCC (digital compact cassette) and MD (minidisc). Anyone who wants to do *serious* live recording should get themselves a DAT (digital au-

dio tape) deck: it's the only way to go.

Though analog cassettes don't rival the CD in technical specifications, they can provide very good sound. If you have a cassette deck in your car, you're likely to want one in your home to dub CDs for road use. The home deck you select should definitely have Dolby B and Dolby C noise reduction, which limits the amount of hiss you'll hear (hiss is inherent to the analog-tape medium). The new Dolby S system provides even better performance, but it's a bit pricey and available on only a limited number of decks (and no car decks).

"Double-well" decks, which have two tape transports and hold two cassettes simultaneously, have been very popular, since they allow you to copy a tape you already own or one you've borrowed from a friend. Early models sacrificed sonics, but today you can buy a high-performance double-well deck without breaking the bank.

So-called "three-head" decks permit you to monitor recordings as they're being made. This is handy, not only to ensure that the recording is indeed under way, but so you can adjust the deck's "bias-trim" controls (virtually all three-head models have them) to elicit the best performance from each individual blank tape. Other features such as autoreverse affect convenience more than performance. In fact, dollar for dollar, you should expect better audio quality from a "one-way" cassette deck than from an autoreversing one.

If you already have a large library of analog cassettes and you'd like to try one of the new digital formats, DCC may be the answer. DCC hardware plays analog tapes but records exclusively in the digital domain; DCC tapes can only be played in a DCC deck, so you can only play them on the go if you have a portable and/or car DCC player, too. The recordings made on a DCC deck are not exactly the same as a CD recording, but the sound quality is a close match. A nice touch is that prerecorded DCC decks automatically display the album and song titles as new DCC tapes are loaded and tracks change (this feature doesn't work when you use a DCC deck to play an analog tape). DCC decks also are more adept at finding particular programs than are analog cassette decks, but they don't match the virtually instant access of the CD format.

To get that, you might consider the MD format. MD uses miniature, recordable optical discs that are cosmetically identical to 3.5-inch computer discs.

MDs are erasable and re-recordable virtually without limit. Pre-recorded discs are somewhat rare at present (this is also true of pre-recorded DCC tapes), though the list of titles is growing. Listening tests have shown that MDs don't sound quite as good as DCC tapes or CDs, but they still sound very good, and they're marvelously small. The format also offers numerous convenience features that will appeal to recordists.

Adding DCC or MD to your home system will permit you to dub your CD or analog-cassette library for home and/or portable use. Both formats employ the SCMS copy-protection system; they'll permit you to make one—but only one—digital transfer of an original.

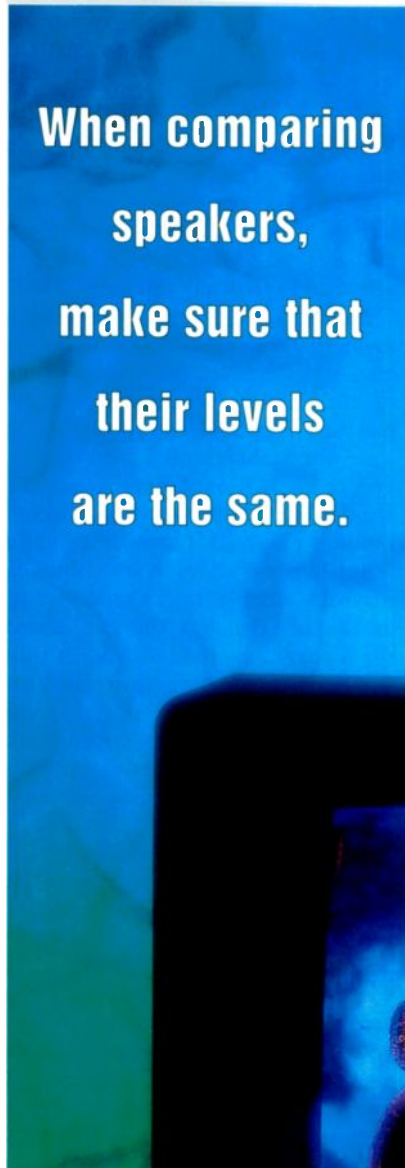
We shouldn't forget vinyl LPs entirely, of course. The analog cassette nudged vinyl records onto the slippery slope to oblivion; the CD gave it a giant push in the you-know-what. As a result, turntables and cartridges have virtually disappeared from the scene, though shops that cater to audiophiles still carry them. What you'll find is some exotic high-end equipment for the 'philes and a few inexpensive devices for those of us who have record collections and need to replace our current turntables and/or cartridges. The technology really hasn't changed much in the last decade—there's just much less of it to choose from.

SPEAKERS

The speaker, its interaction with your amplifier, and its placement in the room will affect the sound of your system to a far greater extent than any other component. I've already mentioned speaker sensitivity and its affect on amplifier power requirements. Sensitivity does not exist in a vacuum; in designing a speaker, the engineer makes a tradeoff between sensitivity, bass response, and physical cabinet size.

For a given enclosure size, bass response can be extended by sacrificing sensitivity, or sensitivity can be improved by limiting bass response. The stakes can be raised somewhat by "venting" the cabinet with a "ducted port" or by using a "passive radiator." This "extra hole" (if you will) permits the cabinet to be tuned to improve efficiency on the lowest notes but, unless done well, can result in somewhat "boomy" sound. In fact, some miniature systems are purposely designed with a bump in low-end response to make them sound "bigger" than they are (if not "accurate").

It's clear that there's no relationship between speaker price, size, or number



of drivers (speaker cones and domes). There are many "two-way" systems—with only a woofer (low-frequency driver) and tweeter (high-frequency driver)—that cost more than "three-way" systems that also include a driver specifically for the midrange. Though I've heard two-way systems that outperform three-way speakers, my personal preference for serious listening at realistic volume levels is for the latter. High-performance two-way systems tend to use relatively small woofer cones, which can limit their ability to deliver accurate bass with adequate volume.

One way around this, while preserving the often better imaging qualities of a small two-way system, is with a subwoofer. A subwoofer is a separate speaker designed to cover a limited range of low-bass sounds. Since the ear can't locate deep bass sounds readily, you're relatively free to place the subwoofer where it works best in the room and not worry about having it call attention to itself sonically. Many manufacturers capitalize

on this notion by offering three-piece "subwoofer/satellite" systems, which employ small (sometimes tiny) speakers for mid and high duty along with a hide-it-anywhere subwoofer.

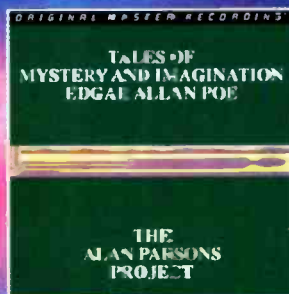
Again, the proof is in the auditioning. Since speakers have the greatest affect on a system's sound, your opinion of their sound quality is crucial. There are many different types and sizes out there. The easiest way to proceed is to simply pick a price that you can manage and audition the four or five best speakers in that range in any given hi-fi shop. Use well-recorded CDs that you're familiar with (so you know how they *should* sound), and listen carefully to determine which set of speakers does the best job of reproducing natural, lifelike sound. Note that the more critically you listen, the quicker your ears get fatigued; once that happens, it's virtually impossible to come to valid conclusions. Keep your auditions short. I spend no more than a half hour at a time auditioning speakers.

When comparing two sets of speakers, be sure that their sound levels are the same. Though we can't readily discern, as you'll recall, anything less than a 1-dB difference in loudness, smaller differences can still affect our opinions. Unless it's a real dog, a speaker set that's louder by even a fraction of a decibel will almost invariably sound "better."

As mentioned, you definitely should use CDs with which you're familiar. You'll probably need a number of discs to cover different music types. I invariably work with solo material, orchestral works (including concerti), and a large choral work to test for clarity. You might use hard rock and "unplugged" discs, or big-band and acoustic-trio jazz. In any case, I've found that my familiarity with the recordings and the sound of their instruments is more important than anything else. For example, I am exceedingly sensitive to the sound of a piano and relatively insensitive to soprano vocals; I can detect flaws when listening to a solo piano that I'm likely to miss on the voice. On the other hand, a fellow reviewer whom I greatly respect has had the exact opposite experience, detecting problems with vocals that escape him with piano. Experience is the key, and gaining that experience is much of the fun of selecting a stereo.

One thing is certain. If you follow these guidelines, don't get carried away by wild claims, and spend a decent amount of time auditioning speakers, you'll have an awful lot of fun once you get the whole thing home. ■

ULTRADISC II™
The GAIN System



UDCD 606



UDCD 607



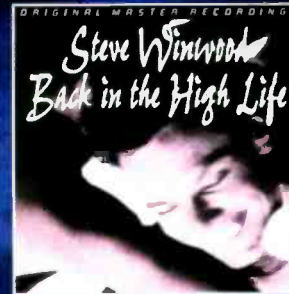
UDCD 2-808



UDCD 609



UDCD 610



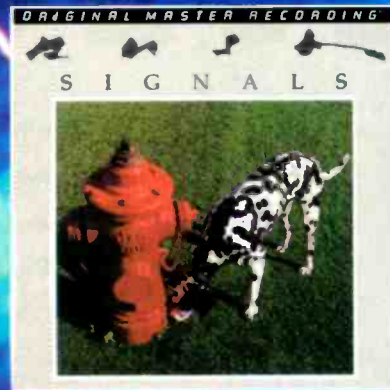
UDCD 611



NEW RELEASE UDCD 612
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NEW RELEASE UDCD 613
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NEW RELEASE UDCD 614
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All About Home Theater Systems

By Edward J. Foster

HOME MOVIES

READING TEA LEAVES BEFORE THE BREW SETTLES IS NEVER EASY, BUT there's a true revolution sweeping the country, and its name is Home Theater. Today, tried-and-true couch potatoes are experiencing the full impact of blockbuster movies—all without flexing more than the index finger that commands the home theater system's remote control. And when we say full impact, we mean *full*: Top-quality home theaters are more than a match for the multiplexes you find in your average mall. They even give many first-run movie houses a run for the money.

That's terrific, you think. But what exactly is a home theater? The recipe is simple. The thing that separates a home theater from a regular TV is an audio system. Television sets, even big projection models, have been around for years. But watching the nightly news, even on a 50-inch screen, is no one's idea of home theater. (Smaller TVs are fine, by the way, but we recommend screens that are at least 27 inches measured diagonally.) Nor is viewing a video tape played on a mono VCR, or linking that VCR to a TV through the antenna connection. No, a home theater really comes to life only when it's capable of recreating the enveloping sonic atmosphere of a first-run movie house. And in order for it to do that,

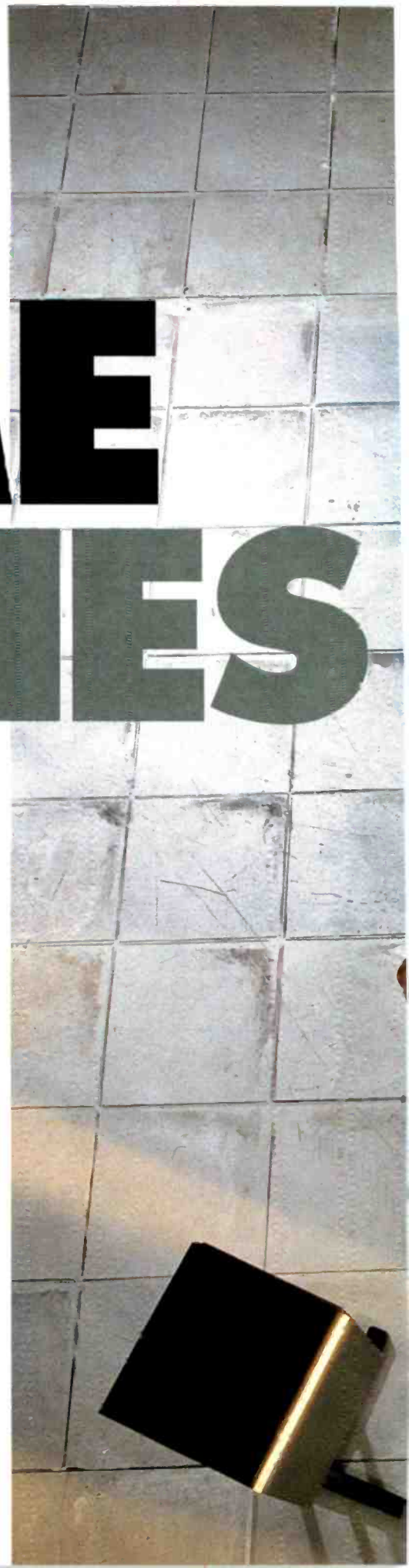




PHOTO BY TONY CORDOZZA



you need a multichannel "surround-sound" audio system. Getting one, fortunately, is very simple thanks to something called Dolby Stereo.

SURROUNDED BY SOUND

Until recently, Dolby Stereo was just about the only way to recreate truly enveloping sound in movie theaters. Dolby Stereo, invented by the same people who came up with Dolby B and Dolby C noise reduction, enabled ordinary movie prints to carry four audio tracks—front left, center, and right plus surround. In a Dolby Stereo theater, the two channels are decoded into four and presented to the audience over multiple speakers.

You can do the same at home with videos and TV shows, as long as a Dolby Stereo soundtrack was part of the program to begin with. (In its home incarnation, Dolby Stereo is known as Dolby Surround.) All you need is a surround-sound decoder and auxiliary equipment, which includes, typically, from five to seven speakers, enough amplification to drive them, and a high-quality source component like a VHS Hi-Fi VCR or videodisc player.

The first home decoders were marked with the Dolby Surround designation. You can still find them today in inexpensive audio equipment and in some TVs. But I can't recommend one if you want to build a *serious* home theater. What you really want is a Dolby Pro Logic decoder. Why? Because Dolby Pro Logic decoders extract a separate "center-channel" signal from the stereo soundtrack and use special circuitry—the "logic" part—to steer appropriate signals to those left, center, right, and surround channels. Both of these refinements are absent in simple Dolby Surround decoders.

When you have a separate center-channel signal and deliver it to its own speaker, which usually sits on top of your TV, dialogue locks to the visuals you see on-screen. Once you have that, you can move the left and right front speakers (often referred to as the "mains") further from one another, creating a broad stereo image for any given movie's sound effects, which is exactly what you want. Furthermore, Dolby Pro Logic's signal-steering abilities help to keep dialogue from popping up behind you, which happens occasionally with plain-vanilla Dolby Surround decoders.

Every Pro Logic system offers a choice of three modes for that center channel: NORMAL, WIDE, and PHANTOM. The NORMAL mode works best if you find

yourself using a center speaker that has limited bass response (often the case when the speaker is small). In this mode, center-channel signals below 100 Hz are redirected to the main speakers, which are usually more capable of reproducing them; since it's difficult for us humans to precisely locate where such low sounds are coming from, our attention isn't drawn to those speakers, the dialogue stays on-screen, and the small center speaker doesn't overload and distort.

The WIDE center mode doesn't reroute anything, leaving the decoder to steer signals to the system's speakers as the movie's director and sound designer intended. Use this mode if you're using a largish center speaker or one that's otherwise capable of producing a good amount of bass.

The PHANTOM mode is on hand for systems that *don't* use a center speaker. It redirects all center-channel signals to the main speakers. Doing this really limits Pro Logic's ability to lock dialogue on-screen, so avoid it by using a center speaker unless that's absolutely impossible.

One other operating mode is worth noting here. Many Pro Logic decoders offer the DOLBY 3 STEREO, or DOLBY 3, mode, in which the surround channel is combined with the front channels in a way that produces some semblance of surround sound. In other words, it reroutes the surround signal so that it comes out of the three front speakers, and you don't need to use any rear, surround speakers. But make no mistake about it: This is not the real thing, and you'll lose most if not all of the surround-sound experience if you use it. Like the PHANTOM center-channel mode, it's just on hand for people whose budgets or space constraints prevent them from building a bona-fide home theater all at once. That's a nice touch, really, since it allows you to get into the game under less-than-ideal conditions and then step up to the big leagues when that's convenient.

THE PARTS

Dolby Pro Logic decoders are housed in a variety of components. A few upscale TVs come with internal Pro Logic circuitry; some have internal four- or five-channel power amplifiers as well. Buying one of these sets is the simplest way to configure a home theater because, with all of the goodies except for a Hi-Fi VCR and/or videodisc player in one component, you can easily operate the system from a single remote control.

Most of these TVs skimp on amplifier power, however, while others only provide amplification for the three front speakers. If you intend to use the Pro Logic decoder within one of these TVs, be sure that it has line-level outputs for each channel, so you can upgrade the system with external power amps as your budget permits.

Pro Logic decoders are also available as self-standing packages, often called "processors." [See "Signal Processors," which begins on page 99.] These devices may also include ambience-simulation circuits that create surround-sound effects with CDs, tapes, and other music-only sources. These circuits vary in sophistication and in their ability to generate believable effects. Most are digitally (DSP-) based, but that's no guarantee of quality. Let your ears be the final judge. And note that the more sophisticated models offer a large number of adjustable effects parameters, which must be carefully set in order for the effects to sound believable. That can take a lot of time, but with a good processor and speakers it's time well spent.

When a Pro Logic decoder is combined with an audio preamplifier and internal power amplifiers, it's called an audio/video (A/V) integrated amplifier. [See "Integrated Amplifiers," page 67.] Add a tuner (for radio listening) and you have the most popular component, the A/V receiver. [See "Receivers," page 57.] These two types of products are popular because they're the most adaptable and cost-effective centerpieces around which you can build a full home-entertainment system. Not only do they decode Dolby Surround movies, videos, and TV shows, but they also handle ordinary music sources. Furthermore, A/V receivers come in a wide variety of power ratings, one of which is likely to meet your needs and budget.

As with any "command center," an A/V receiver or A/V integrated amplifier must be able to accommodate all of the audio and video sources you have today and any you're likely to purchase in the future. Look for at least four A/V inputs, which will handle two VCRs, a videodisc player, and a TV tuner. A fifth input for a satellite receiver wouldn't be a bad idea, since RCA and others are making convenient "direct-broadcast" satellite service available across the country. Even without a satellite receiver, a fifth A/V input would serve as an entry point for source components of the near future, like a CD-V player (which will spin CD-sized movie discs that come in double-disc

sets). In most other ways, you'd choose an A/V receiver just as you'd pick an audio-only model [see "Systematic," beginning on page 4, for more on audio receivers].

AMPLIFIERS & POWER

No one wants a car that dies every time you ask it to drive up a hill. Conversely, no one would want a home theater that collapses every time an Imperial Walker stomps through a scene in *The Empire Strikes Back*. Amplifier power in a home entertainment system is akin to horsepower in a car: you use only what conditions require at the moment, but there's no such thing as having too large a reserve. The real question is: how little power can you get away with?

Just as minimum engine horsepower depends upon vehicle weight, the terrain over which you drive, and your driving habits, so minimum amplifier power depends on three factors: speaker efficiency (akin to vehicle weight), room size and furnishings (terrain), and how loudly you want to play the system (your driving habits). Home theater has one additional complication: the distribution of power among the five speakers (six if a subwoofer is used).

Most A/V receivers provide less power in the surround channels than they do in the front—usually by a factor of one-third to one-quarter. Older receivers also skimped on center-channel power, too, and some newer models do the same. In the interest of economy, it's not unreasonable—but not ideal, either—to devote more resources to the front channels than to the surrounds. But the center channel really should be just as powerful as the mains because most of the action takes place on-screen and is presented by the center speaker.

If you buy a separate Pro Logic processor, you'll also need to get your hands on one or more power amps. Multichannel home theater amps with five or six channels in the same package are readily available. [See "Power Amplifiers," page 74.] Some processors include a two- or three-channel amplifier for the center and surrounds, the idea being to feed the main speakers through your existing stereo amplifier or receiver. In fact, if you have a spare stereo power amp, integrated amp, or receiver, you can requisition it for use in your home theater.

The main problem with using several amplifiers or amplified components is that you'll end up with several volume controls—and the task of setting each one for best results. Dolby Pro Logic de-



coders have a noise sequencer to help you balance the output levels of each speaker in the system, but it's an easy job only when the various level adjusters are all within reach. This is another very good reason why fully powered A/V receivers and A/V integrated amps are so popular. A very general power suggestion: 60 watts to each of the three front speakers, 20 watts to each of the rear speakers, and 100 watts to a (power-hungry) subwoofer.

CENTERS, SURROUNDS, & SUBWOOFERS

Just as you can use the receiver or amplifier you already own in a new home theater, you can also use your present speakers. While any combination of speakers can be cobbled together to create a home theater, a truly serious home theater requires that the speakers have an identical "timbre," or basic sonic character. This is especially important for the three front speakers, to prevent noticeable (and distracting) changes in tonal balance as sounds pan across the screen.

If you use your stereo system's speakers as the mains, you should try to find a center speaker that is a sonic match for them. The best bet is to stick with the same manufacturer, though that is neither a guarantee nor an absolute requirement. If you're starting from scratch, however, it's best to buy a matched set. As mentioned, the typical spot for a center speaker is directly on top of your TV set, and most centers are designed with this positioning in mind.

Rear, surround speakers don't have to have the same capabilities as your front speakers, since the rear signal only runs

from about 100 Hz to about 7,000 Hz. This means that the rear speakers can be physically smaller than the main speakers (since they won't be asked to reproduce much in the way of low bass). In addition, you shouldn't be able to hear surround speakers as a direct source of sound; you want them to be sonically invisible. It helps to put them above ear level, either on each side of the viewing position or somewhat to the rear. You may even find it beneficial to place the speakers so that they fire toward the ceiling or along the room walls rather than straight out towards you. As always with speaker positioning, your best bet is to experiment with various spots and stick with the one that delivers the best performance.

Many movies (and other surround-encoded programs) use sound effects that have a lot of deep bass, so you may find that you need to add one or two subwoofers to your system. Subwoofers are designed to reproduce nothing but low bass, and they make up for the low-bass deficiencies of most main and center speakers. Though there are alternatives, it's easiest to add a subwoofer if your A/V receiver, integrated amp, or preamp/processor has a dedicated connector for a subwoofer on its back panel.

Some subwoofers contain their own power amplifier; when they do, they're termed "active" subwoofers. Others are "passive," which means that they don't include an amplifier and you must provide one; manufacturers make dedicated mono amplifiers just for this purpose. Active subwoofers plug into an AC wall outlet (or the AC outlet on the back of your A/V receiver), but many are de-

signed to be left powered continuously; in this case, they simply "idle" most of the time, coming to life only when they sense a signal, which they'd do when you turn on your home theater. Active subs usually contain their own "active crossover network," which takes the signal coming from the receiver's subwoofer output and filters it so that only low-bass frequencies are sent on to the subwoofer's driver. Passive subwoofers may or may not have a built-in crossover; if they don't, one must be provided.

Since, as mentioned, low frequencies can't be localized by ear, where you put a typically large subwoofer won't affect your home theater's imaging abilities—in other words, if you put the "sub" behind you, the low bass it kicks out shouldn't sound like it's coming from behind you. Subs do interact strongly with a room, however, so you should experiment with placement to obtain smooth bass at your seat. (Some positions will cause the bass to sound bloated or boomy, while others will cause the bass to disappear.) Though more expensive, the use of multiple subwoofers simplifies the process of getting big, smooth bass; most "high-end" home theaters use two subwoofers.

Speaker manufacturers also sell complete home theater speaker packages, which should be "timbre-matched." Different packages include a center and two surrounds; mains, center, and surrounds; or either of the above plus one or two subwoofers. Prices range from about \$600 to as much as \$30,000. [See "Speakers," page 110, for details on all types of home theater speakers.]

THE THX OPTION

YEARS AGO, LUCASFILM LTD., THE movie moguldom of George "Star Wars" Lucas, established a set of minimum requirements for the sound systems in movie theaters that show his films. Called "THX," they're now available for consumers. Now THX doesn't make or sell any equipment. It licenses the technology to home theater manufacturers who must follow its strict guidelines. When they do (and Lucasfilm checks), the manufacturers are allowed to put the THX logo on their gear, including receivers, amplifiers, processors, and speakers.

A THX power amplifier must be able to deliver a minimum of 100

watts per channel to *every* channel. Lucasfilm relaxes the requirements for THX-certified receivers (their surround channels only need to receive 50 watts each).

THX also calls for the use of three identical front speakers, special surround speakers called "dipoles," and one or two subwoofers. In conventional Pro Logic systems, the surround channels carry identical signals. The THX system calls for "decorrelating" the two surround channels, and this mandates the use of separate amplifier channels for each rear speaker.

THX-certified surround speakers have a specific radiation pattern

that spreads sound along the side walls and minimizes the amount radiated directly toward the viewer. These speakers should always be placed directly to the sides of the viewer, somewhat above ear level of the seated viewers.

Like a Pro Logic system, a THX system must be added to a TV (direct-view or projection) and one or more program source components (VCR, videodisc, what have you). Prices start at about \$5,000 and catapult up into the stratosphere from there. If you want a truly world-class home theater system, you should definitely see what you think of THX's enhancements. —EF



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KEF Q-70



THE VISUALS

Clearly, a home theater has to convey *serious* visual impact to go along with all of the great sonics. As mentioned, a 27-inch screen is considered the minimum for home theater, but larger is always better. Budget and space restrictions come into play, obviously.

You can buy "direct-view" sets—the traditional "picture-tube" kind—with 31-, 32-, 35-, and even 40-inch screens. Direct-view sets are usually brighter than "projection" TVs, especially when you're sitting to the side while watching them; bright is good, though too bright can be bad. There's a practical limit on how large picture tubes can be, and when you get to the larger screen sizes, a direct-view set can be more expensive and heavier than a projection set. Even a 32-inch set looks *huge* if you're used to a 20-inch model, of course. And, suffice it to say, most people stick with direct-view.

As their name implies, projection TVs project a picture onto a screen. They come in two types: rear-projection (one-piece models) and front-projection (two-piece). The majority of projection TVs of both types use three small picture tubes, one for each primary color: red, green, and blue. The three light beams pass through optical lenses that magnify the image and then merge on the viewing screen. To obtain a picture with accurate color rendition, the three light beams must merge, or "converge," precisely.

In rear-projection TVs, the picture tubes, lenses, and screen are in one cabinet and the physical relationship between them is fixed. Once "converged," they tend to stay converged. However, one-piece projection TVs have a specific picture size that can't be changed and they tend to be less bright than two-piece sets because the light is bounced off internal mirrors on its way to the screen. Rear-projection TVs range in screen size from about 40 inches up to 70-plus inches.

Front-projection sets come in two flavors. The more common uses three picture tubes just as in a rear-projection set. However, the tubes and electronics are now housed in their own enclosure and "throw" the image onto a separate screen much like a slide projector does. You can have pretty much any picture size you want (though the larger the picture, the less bright it will be) by moving the projector closer to or further from the screen. Note that each time you move the projector or screen even slightly, the picture will need to be reconverged. (Unless you're a real audio/video hobbyist, it's

best to leave the task of converging a front projector to a professional.) The projector module either sits in a bracket that hangs from the ceiling or sits on the floor or within some type of custom-made furniture.

Then there are "LCD" front-projection sets. These pass white light from a lamp through a liquid-crystal display panel that creates the complete full-color image. The image is then optically magnified and projected onto the screen. These projectors do not require convergence, just simple focusing. Setup, therefore, is much easier, and the projector module is small, so it's easy to move it from room to room or from your home to your friend's. Picture size is infinitely variable just as with a tube-type front projector, but except for extremely expensive models, picture resolution and brightness are notably inferior to a tube projector.

The newest type of TV—direct-view as well as projection—is the "widescreen" TV set. Conventional sets use a "4:3 aspect ratio," which means that the picture is four units wide for every three units of its height. Widescreen sets were designed for use with widescreen, or "letterboxed," movies, whose images are wider and less tall than the almost-square images presented by programs with a conventional aspect ratio. The idea is that the wider image comes closer to approximating—and sometimes matches completely—the image you see in a real movie theater.

Put a widescreen movie on a widescreen TV and the image will fill the screen almost completely; put such a movie on a conventional TV and you'll see large black bars above and below the image to give it that wide perspective. On the other hand, when you watch a conventional TV broadcast on a widescreen set, you see blank bars on either side of the image. No, you can't have it both ways (though several TV makers have come up with tube designs and circuits that meet both program types half-way, as it were). The bottom line is that most widescreen TV sets are great *if* they're going to be used primarily for watching widescreen movies.

SOURCES

The better the source material and the better the equipment you play it on, the more enjoyment you'll derive from your home theater. Thanks to fierce competition, fine videodisc players and VHS Hi-Fi VCRs are very affordable. You really should have both in your system—the disc player because videodiscs present

the highest-quality pictures and audio, and the Hi-Fi VCR because its audio quality will come in handy with all of those video tapes you rent every month.

The VCR's Hi-Fi circuitry enables it to pass Dolby Surround soundtracks to your A/V receiver, integrated amp, or surround processor. A "Super VHS" model is another option, but you won't need one if you plan to use the VCR primarily for playing tapes you rent or buy, since there are virtually no prerecorded S-VHS tapes available. If, on the other hand, you plan to frequently record movies and other programs either from high-quality broadcasts and cable or from videodiscs, S-VHS will provide distinctly better picture quality than standard VHS.

Today's videodisc players double as CD players, though many of them aren't very convenient to use as CD players and don't deliver topnotch performance with CDs. A few of these combination, or "combi," players do have dedicated slide-out drawers for CDs and "CD-direct" functions (accessed by a front-panel button) that improves the quality of music-only playback. The new trend in videodisc players, however, is automatic switching between a disc's two sides. This means that you don't have to get up and flip discs, which is a nice touch with movies that are presented on a single disc; these players aren't changers, though, so you'll still have to get up and change discs with multi-disc sets.

As mentioned, direct-broadcast satellite service is now becoming available, and it promises to be an excellent source for home theater viewing. For one thing, you can hook up with a "tier" of service that includes a large number of movie channels. For another, most experts agree that picture quality is superior to cable TV. The system includes a small, 18-inch-diameter dish and a receiver unit that plugs into your receiver or integrated amp just like a VCR.

As of this fall, Video CDs are yet another option. The Video CD is a 5-inch, CD-like disc, two of which are being used to package movies. You need a dedicated Video CD player, however. Previews indicate that Video CD's picture quality is on a par with VHS.

Do you need it all? Absolutely not. Depending on your viewing habits, you can do just fine with nothing more than a VHS Hi-Fi VCR, taking advantage of all of the Dolby Surround-encoded video tapes at your local video rental shop. I just wish I could see your face when you watch your first movie on your new home theater. ■

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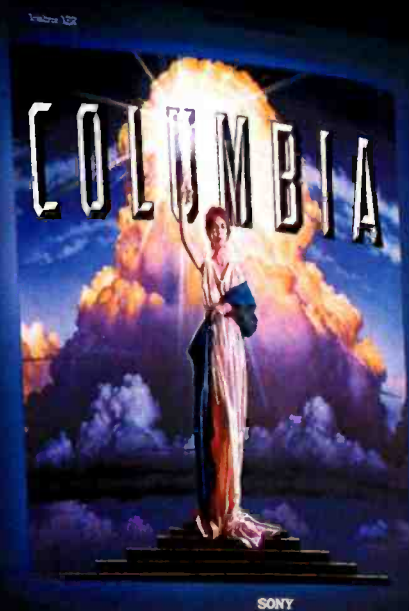
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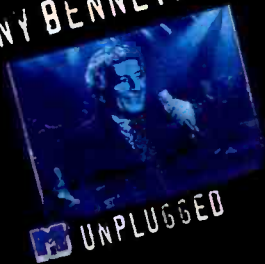
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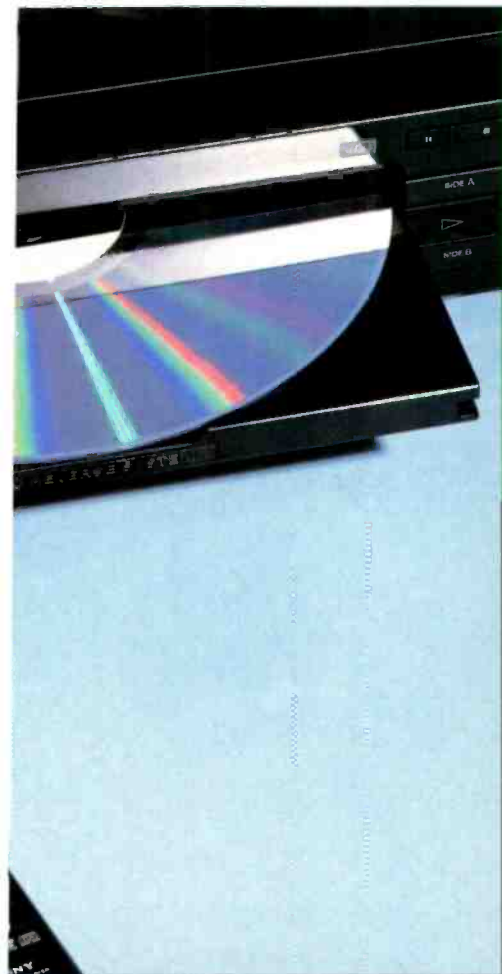
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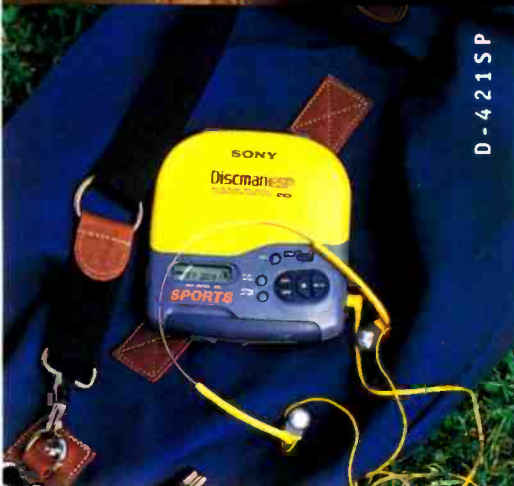


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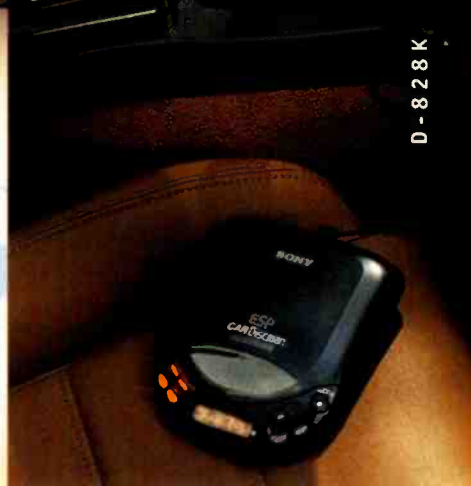
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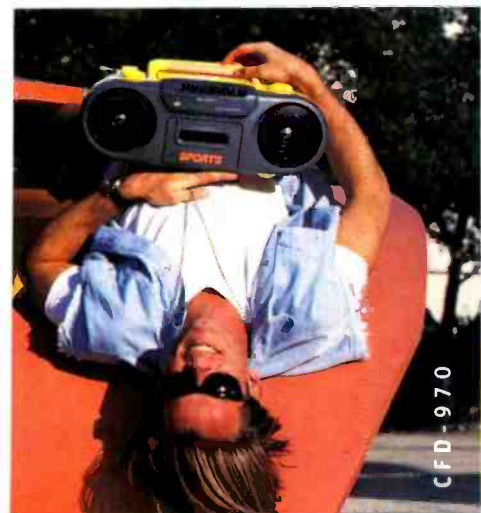
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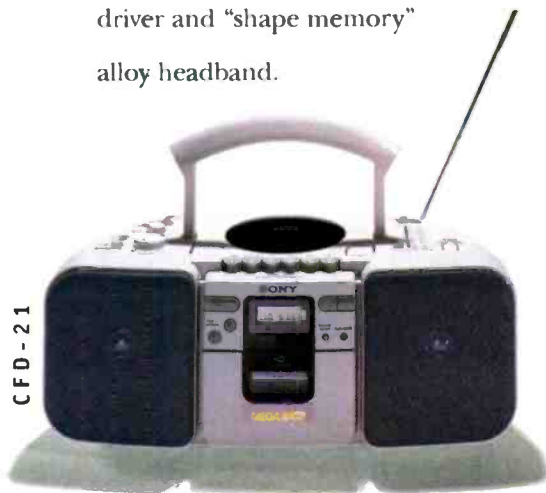
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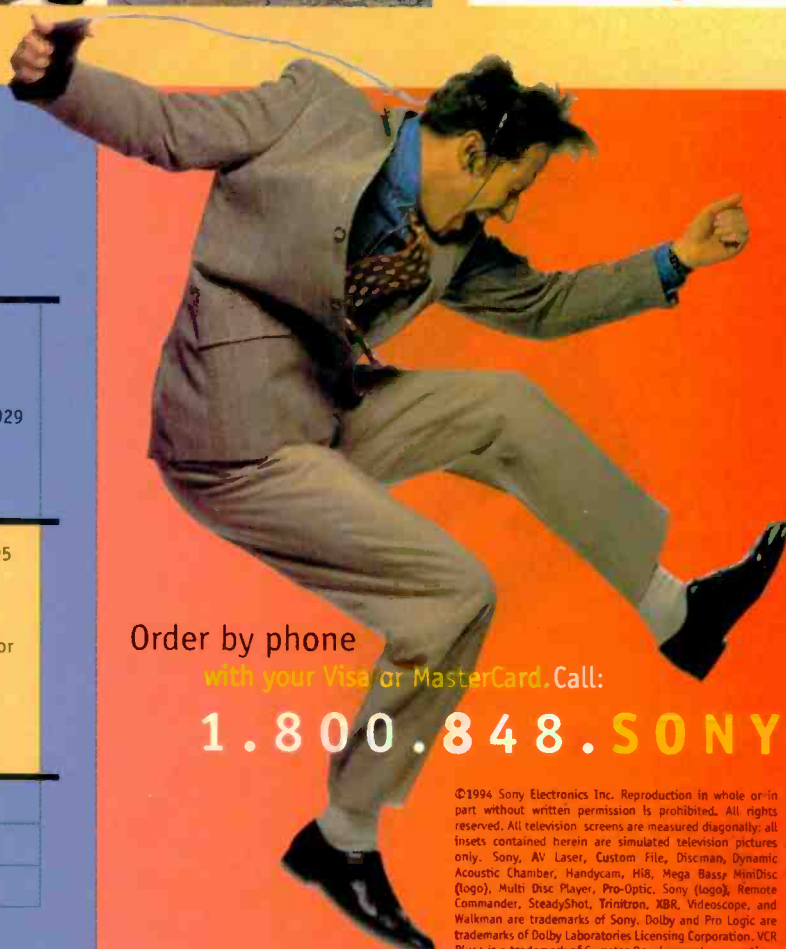
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STEREO

BUYER'S GUIDE 1995

WELCOME TO THE WORLD'S most complete listing of stereo and audio-for-video components and accessories. In the following 198 pages, you'll find detailed information on features plus performance specifications and prices.

The listings are divided

into component categories and are ordered alphabetically by manufacturer. Within each manufacturer's section, components appear in descending price order.

Features and specifications have been supplied by the manufacturers, and

they have not been verified by STEREO REVIEW lab tests. We advise you not to base purchasing decisions on specs alone.

Note that all prices listed in this guide are manufacturers' suggested retail, or list prices. Actual selling prices are likely to

vary from dealer to dealer.

For more information about products mentioned in this guide, contact an authorized dealer or the manufacturer. Manufacturers' addresses and telephone numbers are listed in the directory beginning on page 232.

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ACCUPHASE

DP-90 CD Transport

Features double-heterodyne-diode laser pickup. HPC and Toslink fiber-optic digital outputs; balanced digital output; coaxial output. Track search; track/time displays; remote control. 18 1/4 x 5 1/4 x 15 in; 45.2 lb. \$7,595

DP-65 CD Player

8x oversampling, 20-bit D/A converter. Features double-heterodyne-diode laser pickup. Toslink fiber-optic and coaxial digital outputs; balanced and unbalanced outputs. Track search; track/time displays; remote control. THD 0.0025% from 20-20,000 Hz; S/N 118 dB; dynamic range 98 dB; ch sep 106 dB. 18 1/4 x 5 1/4 x 15 1/4 in; 34.4 lb. \$5,995

ADCOM

GCD-600 5-Disc CD Changer

4x oversampling, dual 16-bit D/A converters, 5-disc carousel. Features dual-transformer power supply; Class A analog output circuitry. Selectable digital-domain phase reverse; remote control. FR 20-20,000 Hz -0.5 dB; THD 0.005%; S/N 100 dB. 17 x 4 1/4 x 16 1/4 in; 15 lb. \$600

ARCAM

Delta 270 CD Player

Burr-Brown PCM69 hybrid multiple/1-bit D/A converter. Features Philips CDM-9 single-beam mechanism; direct coupling of D/A converter from output stages; polymer-based antivibration suspension. 2 coaxial digital outputs. Upgradable D/A converter and output circuit board; repeat; skip; 20-track programming; defeatable display; remote control with level control for Arcam amplifiers. FR 10-20,000 Hz -0.5 dB; S/N 103 dB; dynamic range 96 dB \$1,600

Delta 250 CD Transport

Features separately powered digital output module. Two coaxial, one BNC, and one Toslink fiber-optic digital outputs. Optical receiver for synchro operation with Arcam Delta Black Box 50 D/A converter. AT&T fiber-optic output optional. \$1,500

Alpha 5 CD Player

4x oversampling, dual 16-bit D/A converters. Features Philips CDM-9 single-beam mechanism. Coaxial digital output. Upgradable D/A-converter board; track search; 3 search speeds; 20-track programming; defeatable display; direct track access; random play; intro scan; repeat; remote control with level control for Arcam amplifiers. FR 20-20,000 Hz -0.5 dB; S/N 105 dB; dynamic range 96 dB \$899

AUDIOLAB

Model 8000CDM CD Transport

Features Philips CDM-9 mechanism; 10 independent power supplies. Coaxial and balanced AES/EBU outputs. Remote control. \$2,100

AUDIOMECA

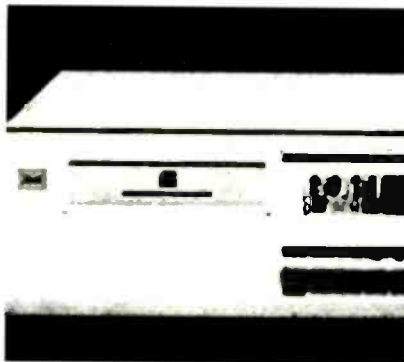
Mephisto CD Transport

RCA and BNC outputs. Features top-loading design with integral real platter; cover, platter, and laser assembly suspended and decoupled from main cabinet. Programmable remote control. AT&T ST or balanced-XLR output optional. Black polished metacrylate and gold. \$2,895

AUDIO RESEARCH

CD1 CD Player

Features Philips CDM-12.1 drive; 3-beam laser pickup; servo/control and signal-data microprocessors; electronic digital-jitter elimination; regulated power supply. ST glass fiber-optic, BNC coaxial, AES/EBU XLR, and Toslink digital outputs; balanced-XLR and unbalanced-RCA fixed-level analog outputs. Track skip/scan; random play; repeat; vacuum-FL display; remote control. FR 0.1-20,000 Hz ±0.2 dB; S/N 95



dBA; ch sep 94 dB at 1,000 Hz. 2-yr warranty. 19 x 5 1/4 x 11 1/4 in; 16 lb \$2,995
CDT1. As above, transport only \$2,495

BANG & OLUFSEN

Beogram CD7000 CD Player

4x oversampling, dual 16-bit D/A converters. Integrates with Beosystem 7000. Features digital Bessel/elliptical analog filter. Track-time, elapsed-playing-time, remaining-time, and track-number displays; track programming. FR 3-20,000 Hz ±0.3 dB; S/N 110 dBA; channel separation 101 dB. Dimensions: 16 1/2 x 3 x 12 1/4 in. \$1,250

BITWISE AUDIO TECHNOLOGIES

Musik System CDT-One CD Transport

Balanced AES, coaxial-BNC, and glass-ST digital outputs. Features synchronous operation mode; inverted-platter operation; 8 digital power supplies; separate motor and servo power supplies; distributed jitter-reduction reclocking and noise-reduction circuits; electrical digital-output isolation; mechanical chassis tuning and isolation. Track/disc remaining-time displays; track/disc/program repeat; 24-track programming; remote. 19 x 13 x 5 1/4 in; 20 lb. \$2,450

CALIFORNIA AUDIO LABS

Tercet MkIV CD Player

8x oversampling, 20-bit hand-trimmed D/A conversion. Features digital-servo transport; separate digital and analog power supplies; discrete FET analog stage. Coaxial digital output and input. Remote control. FR 10-20,000 Hz ±0.05 dB; THD 0.002%; S/N 103 dB; dynamic range 106 dB; ch sep 94 dB. \$1,495

Delta CD Transport

Meets AES/EBU Professional and Broadcast standards for jitter and clock-error rate. Features digital-servo control; custom output clock and jitter reduction. AES/EBU balanced-XLR, Toslink fiber-optic, and coaxial digital outputs. Remote control. AT&T fiber-optic digital output optional. \$895

Icon MkII CD Player

8x oversampling, 18-bit hand-trimmed D/A conversion. Features digital-servo control; discrete FET analog stage. Coaxial digital output. Remote control. Fiber-optic digital output. FR 10-20,000 Hz ±0.2 dB; THD 0.002%; S/N 102 dB; dynamic range 105 dB; ch sep 91 dB. \$895

DX-1 CD Player

1-bit Delta-Sigma D/A conversion. Features digital-servo transport; discrete FET analog stage. Coaxial digital output. Remote control. FR 10-20,000 Hz ±0.2 dB; THD 0.007%; S/N 91 dB; dynamic range 90 dB; ch sep 86 dB \$595

CAMELOT TECHNOLOGY

Merlin CD Transport

Features closed-loop digital-servo control; separate power supplies for servo control and digital transmission. Coaxial digital output \$1,195

CARVER

SD/A-3901 5-Disc Tube CD Changer

Dual 1-bit D/A converters. Features output stage with two 6DJ8 vacuum tubes; Soft EQ sound-enhancement circuitry; 3-beam laser pickup. Coaxial digital outputs; fixed- and variable-level outputs; headphone jack. Level memory for 100 discs; 20-track programming; removable rack handles; remote control. FR 20-20,000 Hz ±0.5 dB; THD 0.1%; S/N 95 dB. 19 x 4 3/4 x 16 in; 15 lb \$750

SD/A-360 5-Disc CD Changer

Dual 1-bit D/A converters. Features 3-beam laser pickup. Fiber-optic digital output. Tape edit; 3 random-play and 4 repeat modes; 30-track programming; removable rack handles; remote control. FR 20-20,000 Hz ±0.5 dB; THD 0.004%; S/N 100 dB. 19 x 4 x 16 1/4 in; 15 lb \$500

CARY AUDIO DESIGN

CD-300 Tube CD Player

Dual 20-bit D/A converters. Features Pioneer Stable Platter drive for suppression of resonances and vibrations; incorporates three 12AU7 triode vacuum tubes in the low-pass filter network. analog gain stage, and low-impedance output buffer. 24-karat gold-plated faceplate optional. FR 4-20,000 ±0.1 dB; S/N 105 dB. Aluminum chassis in wrinkle black finish with black anodized aluminum face plate. 17 x 4 x 11 in; 15 lb \$1,995

CEC

TL1 CD Transport

Features top-load design; proprietary belt drive; 4-in 1-lb stabilizer acting as flywheel; PLL servo circuit for variations within a rotation; 2-mm steel plates reinforcing extruded-aluminum chassis. Toslink and ST fiber-optic digital outputs; coaxial BNC and RCA outputs. Remote control. Black or champagne gold-brushed anodized finish \$4,950

COUNTERPOINT

DA-11a CD Transport

Front-loading. Regulated power supply for each digital IC. One Toslink optical and two BNC electrical outputs. \$1,495
 Asynchronous master clock board for above . . . \$NA
 AT&T ST glass fiber-optic input for DA-11a . . . \$200
 AES/EBU balanced output for DA-11a \$200

CREEK

CD42 CD Player

Burr-Brown PCM-69 multiple/1-bit D/A converter. Features Philips CDM-12.4 3-beam laser and loader assemblies; separate power supplies for transport and D/A-converter sections. Gold-plated RCA analog outputs; AES/EBU RCA digital output. Modular upgradable design. Remote control. FR 20-20,000 Hz ±0.5 dB; THD 0.03% at 0 dB; S/N 96 dB; ch sep 80 dB. 16 1/2 x 2 1/2 x 10 1/2 in; 7 lb. \$1,100

DENON

DP-S1 CD Transport

Features top-loading mechanism; air-tight shield; sand-cast chassis frame; triple floating suspension; linear motor drive floating along 2 parallel guide shafts via magnetic coils; 32K RAM antijitter buffer; die-cast aluminum door; disc stabilizer. AT&T ST, Toslink, AES/EBU balanced-XLR, unbalanced-RCA, and BNC outputs; ST Gen-Lock connector for synchronization with D/A converter \$8,000

DCD-S1 CD Player

Four 20-bit D/A converters. Features top-loading mechanism with disc stabilizer; ALPHA processor for 20-bit resolution; linear slide motor; aluminum sand cast frame; brushless DC spindle motor. AES/EBU digital output; coaxial and fiber-optic digital outputs; balanced and unbalanced analog outputs. Remote with volume control. \$5,000

DCD-S10 CD Player

Four 20-bit D/A converters. Features ALPHA processor for 20-bit resolution; linear slide motor; motor-driven volume control. Coaxial and fiber-optic digital inputs and outputs; balanced and unbalanced analog outputs. Remote with volume control \$1,500

DCD-3000 CD Player

8x oversampling, four 20-bit D/A converters. Features ALPHA processor for 20-bit resolution; linear slide motor; centered transport orientation; motor-driven volume control. Coaxial and fiber-optic digital inputs and outputs; balanced-XLR and unbalanced-RCA outputs. Peak search; tape edit; programmable fade in/out; random play; repeat; index search; 20-track programming; display with 3 brightness settings; remote with volume control \$1,200

DCD-1015 CD Player

8x oversampling, two 20-bit D/A converters. Features ALPHA processor for 20-bit resolution; centered transport orientation. Coaxial and fiber-optic digital outputs. Digital pitch control for ±12% speed adjustment in 0.1% steps; peak search; tape edit; programmable fade in/out; random play; repeat; index search; 20-track programming; display with 3 brightness settings; remote with volume control \$500

DCD-815 CD Player

8x oversampling, two 18-bit D/A converters. Features zero-cross distortion elimination; noise shaping. Coaxial digital output. ±12% pitch control; A/B repeat; synchro play with compatible cassette decks; tape edit; repeat; 20-track programming; 12-step digital attenuator in 1.5-dB steps; direct track access; 20-track music calendar; defeatable display; remote control \$300

DCD-615. As above, without digital output, pitch control, or A/B repeat \$250

CD Changers

Each of the following, except DN-1200F/C, features the ability to change 4 discs while a 5th is playing.

DN-1200F/C 200-Disc CD Changer/Controller

Dual 20-bit D/A converters, two 100-disc trays. Comprised of DN-1200F 200-disc changer and DN-1200C controller. Changer features 20-bit digital filter; zero-cross distortion-elimination design; switchable RS-232C/RS-422A computer-control interface with 9-pin D-sub connectors. Controller features ability to create and label custom programs; memory for six 100-track programs; memory for CD grouping with titling; multiple DN-1200F control; random play; repeat; alphanumeric display; remote control. Balanced-AES/EBU and unbalanced-RCA outputs. FR 2-20,000 Hz; THD 0.0025%; S/N 110 dB; dynamic range 100 dB; ch sep 105 dB. Changer 17% x 9% x 18% in. Controller 17% x 3% x 10% in. \$4,000

DCM-560 5-Disc CD Changer

8x oversampling, two 20-bit D/A converters, 5-disc carousel. Features ALPHA processor for 20-bit resolution; D/A converters hand tuned to eliminate zero-cross errors; motor-driven volume control; vibration-resistant chassis. Coaxial digital output. Bidirectional carousel rotation; favorite-track memory for 100 discs; synchro play with compatible cassette decks; 3 random-play modes; 5 repeat modes; 20-track programming; direct track access from front panel or remote; remote control \$600

DCM-460. As above, without motor-driven volume control or chassis vibration resistance \$430

DCM-340 5-Disc CD Changer

8x oversampling, two 18-bit D/A converters, 5-disc carousel. Bidirectional carousel rotation; 3 random-play modes; 5 repeat modes; 20-track programming; direct track access from remote; remote \$300

Combi-Players

Each of the following features dual-side play.

LA-3500 Combi-Player

20-bit D/A converter. Plays CDs and videodiscs including CD+G. Features 8-bit digital field memory for

still images; 3-line-correlation digital Y/C separation; digital time-base correction; brushless direct-drive motor; digital servo processor \$2,000

LA-3100 Combi-Player

8x oversampling. Plays CDs and videodiscs including VSD. Features 8-bit digital field memory for still images; 3-line digital comb filter; digital video processing; digital time-base correction. Frame/time searches; front-panel shuttle ring; on-screen displays; music calendar; remote with jog/shuttle \$1,200

LA-2500 Combi-Player

Plays CDs and videodiscs. Features dedicated CD tray; video processing on one LSI chip; digital time-base correction. Tape edit; 2 scan modes; front-panel shuttle ring; remote control with shuttle \$700

DPA DIGITAL

T1 CD Transport

Features 3-mm-thick aluminum chassis and cover; 10-mm-thick aluminum front panel. Deltran Synclock output providing jitter elimination when used with any DPA D/A converter. Coaxial and Toslink-fiber-optic digital outputs. Remote control. 18% x 4% x 12 in; 16 lb \$1,595

DYNACO

CDV-1 Tube CD Player

Philips Bitstream D/A conversion. Features two 6DJ8 tubes; Philips loading and 3-beam-pickup mechanism. Variable output level. 3-yr parts-and-labor warranty. FR 20-20,000 Hz ±0.5 dB; THD 0.01%; S/N 96 dB; dynamic range 90 dB; ch sep 85 dB at 1,000 Hz. 17% x 3% x 13 in; 17 lb \$699

EMERSON

AD2465 Portable CD System

CD player with 24-track programming; double cassette deck with autoreverse for one transport, high-speed dubbing, and relay play; AM/FM tuner with 20 presets; 5-band graphic EQ; two 2-way detachable speakers; remote control. Uses 8 D batteries .. \$250

AD2460 Portable CD System

CD player with 20-track programming; double cassette deck with autoreverse for one transport, high-speed dubbing, and relay play; AM/FM tuner; 3-band graphic EQ; two detachable speakers. Operates on 8 D batteries \$130

AD2452 Portable CD System

CD player with 20-track programming; cassette deck; AM/FM tuner; 3-band graphic EQ; two detachable speakers. Operates on 8 D batteries \$130

AD2546 Portable CD System

CD player with 21-track programming, random play, and repeat; double cassette deck with high-speed dubbing and relay play; AM/FM tuner, two speakers. Bass boost. Operates on 8 D batteries. 22% x 7% x 8% in. \$130

AD2527 Portable CD Player

Bass boost; 21-track programming; random play; repeat; Ni-Cd battery-recharger circuit. Includes headphones. Uses 2 AA batteries. 5% x 1% x 6 in. \$120

ENLIGHTENED AUDIO DESIGNS

T-8000 Combi-Player Transport

Coaxial, AT&T ST, Toslink, and AES/EBU-balanced digital outputs. Track/disc remaining-time display; 24-track programming; random play; 4 repeat modes; remote control \$3,950

CD-1000 CD Player

4x oversampling, 20-bit D/A conversion. Features dual-differential D/A conversion; stable platter mechanism. Fixed analog output; coaxial digital output. Track remaining-time display; 20-track programming; random play; 3 repeat modes; remote. FR 0-20,000 Hz ±0.1 dB; THD 0.001%; S/N 100 dBA \$1,599

T-1000 CD Transport

Features stable platter mechanism. Coaxial and AT&T ST digital outputs. Track remaining-time display; 20-track programming; random play; 3 repeat modes; remote control \$1,199

ESOTERIC

P2s CD Transport

Features overhead turntable with double-layer construction comprised of brass and aluminum layers; concave turntable surface; green turntable tint to absorb stray laser light; servo system with low-pass filter to eliminate servo-signal destabilizing elements and minimize pickup vibration; 1.6-mm sheet-steel chassis with die-cast base and aluminum front panel; disc tray machined from 8-mm-thick aluminum with support of 6 ball bearings; PC-occ internal wiring; glass-epoxy gold-plated printed circuit board. AT&T ST fiber-optic, balanced-XLR, coaxial-BNC, coaxial-RCA, and Toslink fiber-optic digital outputs. Track/index select; search keys; time search; 40-track conventional/delete programming; 4 repeat modes; FL display with dimmer; remote control with controls for D-2 D/A converter. \$7,000

X1 CD Player

8x oversampling, four 20-bit D/A converters. Features midship-mounted mechanism to separate digital and analog circuitry; floating subchassis; zero-cross-distortion reduction circuitry; bipolar transformer; balanced signal path between digital and analog circuits; 18-dB/oct analog filter. Coaxial and fiber-optic digital outputs; balanced and unbalanced outputs. FL display with brightness control; remote control. FR 0-20,000 Hz ±0.3 dB unbalanced; S/N and ch sep 110 dB at 1,000 Hz; dynamic range 102 dB at 1,000 Hz. 18 x 5% x 16 in; 37.5 lb \$5,000

P2 CD Transport

Features die-cast zinc turntable; 8-mm-thick machined-aluminum disc tray with Nextel coating and 24-karat gold-plated front; sheet-steel and aluminum chassis with die-case base; aluminum front panel; floating subchassis suspension; 3-beam laser pickup; van den Hul matched-crystal silver-coated copper wiring in signal path. 2 coaxial and 2 fiber-optic digital outputs. Adjustable disc-tray open and close speeds; 40-track programming; 4 repeat modes; track/index/time search; defeatable display with brightness control; remote control. 8% x 5% x 19% in; 28.2 lb. \$4,000

P10 CD Transport

Features die-cast aluminum disc turntable; aluminum disc tray with Nextel coating; floating subchassis suspension; antivibration double-construction chassis with die-cast base. Coaxial and fiber-optic digital outputs. 20-track programming; 3 repeat modes; track/index/time search; remote control. 8% x 5% x 17% in; 21.2 lb \$2,000

P700 CD Transport

Features die-cast aluminum overhead turntable; concave turntable surface with laser pickup at matching angle; 1.6-mm sheet-steel chassis with die-cast base and aluminum front panel. Coaxial-RCA and Toslink-fiber-optic digital outputs. 20-track conventional/delete programming; 4 repeat modes; track/time displays; remote control \$1,500

FISHER

CD changers can be controlled via the remote controls supplied with Fisher receivers.

DAC-2403 24-Disc CD Changer

1-bit D/A conversion, bidirectional 24-disc carousel holding discs vertically. 7 factory and 24 user-definable disc categories; 48-track programming; intro scan; repeat; 2 random-play modes; scrolling 8-character alphanumeric display; remote control. \$350

DAC-503 5-Disc CD Changer

1-bit D/A conversion, front-loading 5-disc carousel. Tape edit; fader; 32-track programming; repeat; ran-

dom play; intro scan; remote control. \$250

PCD-60 Portable CD Player

1-bit D/A conversion. Features 10-second antishock buffer. Line-level output. Rock, classical, and jazz preset curves with control of high and low frequencies; auto turn-off; 22-track programming; 3 repeat modes; search; backlit LCD. Operates on 2 AA batteries. Includes AC adaptor, rechargeable Ni-Cd battery, and car cassette adaptor. 5 1/2 x 1 1/2 x 6 1/2 in; 11.3 oz without battery. \$220

PCD-5. As above, smaller buffer. \$220

PCD-50. As PCD-5, no car cassette adaptor. . . \$180

Portable CD Systems

Weights are without batteries.

PH-D380 Portable CD System

16-bit D/A converter. CD player with 16-track programming; double cassette deck with autoreverse, synchro high-speed dubbing, and 2-tape sequential play; AM/FM tuner with 24 station presets; two detachable 3-way speakers; wireless remote control. CD outputs; mic-mix and headphone jacks. Rock, jazz, and classical EQ presets with low- and high-frequency control; digital bass boost; matrix surround; LCD. Operates on 10 D batteries. 32 1/2 x 10 1/2 x 11 1/2 in; 18.9 lb \$320

PH-D360. As above, without tuner presets, remote control, CD outputs, or LCD. Operates on 8 D batteries. 32 1/2 x 10 1/2 x 10 1/2 in; 17.2 lb \$250

PH-D650 6-Disc Portable CD System

1-bit D/A conversion. 6-disc CD changer with 32-track programming; cassette deck with synchro CD dubbing; AM/FM tuner; two detachable 2-way speakers; wireless remote control. Mic-mix and headphone jacks. Rock, jazz, and classical EQ presets with low- and high-frequency control. Operates on 8 D batteries plus 4 AA for changer memory. 23 1/2 x 11 x 11 in; 16.5 lb \$280

PH-D340 Portable CD System

16-bit D/A converter. CD player with 16-track programming; double cassette deck with autoreverse, synchro high-speed dubbing, and 2-tape sequential play; AM/FM tuner; two detachable 2-way speakers. Mic-mix and headphone jacks. Rock, jazz, and classical EQ presets with low- and high-frequency control. Operates on 8 D batteries. 31 1/2 x 10 1/2 x 10 1/2 in; 16.1 lb \$220

PH-D310 Portable CD System

16-bit D/A converter. CD player with 16-track programming and repeat play; cassette deck with synchro CD dubbing; AM/FM tuner; two 2-way detachable speakers. Headphone jack. Digital bass boost; tone control. Operates on 8 D batteries. 21 1/2 x 10 1/2 x 8 1/2 in; 11.5 lb \$180

PHD-S200 Portable CD System

16-bit D/A converter. CD player with 16-track programming; cassette deck with synchro CD dubbing; AM/FM tuner; two 2-way speakers. Headphone jack. Bass boost. Operates on 8 D batteries. 22 1/2 x 6 1/2 x 8 in; 7.4 lb \$120

GOLDSTAR

CD-945-A Portable CD System

Features CD player with 20-track programming, random play, intro scan, repeat; double cassette deck with one transport autoreverse play-only, other transport record/play; digital AM/FM tuner; 3-band graphic EQ; 2 detachable speakers; headphone jack; line-level CD outputs; motor-driven volume control; alarm clock/timer; remote control. Operates on batteries or 120/220-V AC. 5 W x 2. 15 lb \$300

F-272 3-Disc CD Changer System

8x oversampling, dual D/A converter, front loading 5-disc carousel. Features CD player with 20-track programming; AM/FM tuner with 30 random presets; full function tape deck; 4 pattern preset EQ with adjustable tone; two 5-in speakers and two 2-in tweeters; 20 key wireless remote control; headphone and

microphone jack. 40 lb \$300

FMH-17R CD System

Features CD player with 20-track programming; AM/FM tuner; dual cassette deck with continuous play, high speed tape duplication; belt-driven turntable; 3-band graphic EQ; wireless remote control; headphone jack; LED display. 28.7 lb \$300

CD-952A Karaoke Combi-Player

8x oversampling. Features front loading CD player with 20-track programming; Karaoke function with vocal fader; AM/FM digital radio with 25 station programmability; dual cassette deck with one touch recording, high speed dubbing; 3-band graphic EQ; two 4-in detachable speakers; 20 key full function remote control; motor driven volume; programmable clock/timer; sleep function. 23 1/2 x 10 1/2 x 8 1/2-in; 14.3 lb \$250

CD-636-A Portable CD System

2x oversampling, dual 16-bit D/A converters. Features CD player with 16-track programming, random play; double cassette deck with one transport autoreverse play-only, other transport record/play, high-speed tape dubbing, 2-cassette sequential play; AM/FM tuner; two speakers; line-level CD outputs; LCD; remote control. 13 lb \$230

FH-R20R 5-Disc CD System

8x oversampling, dual D/A converters, 5-disc carousel. Ability to change discs while one plays; 32-track programming; random play; 4 repeat modes; remote control. 14 lb \$230

CD-910A Portable CD System

2x oversampling, dual 16-bit D/A converters. Features CD player with 20-track programming, random/repeat play; double cassette deck with high-speed tape dubbing, 2-cassette sequential play; AM/FM tuner; 3-band graphic EQ; 2 detachable speakers; headphone jack; line-level CD outputs. 13.5 lb \$200

CD-910A Portable CD Player

CD player with 20-track programming, intro scan, random play; double cassette deck with high-speed tape dubbing, 2-cassette sequential play; AM/FM tuner; 3-band graphic EQ; detachable speakers; line-level CD output; LED display \$200

CD-550A Portable CD Player

2x oversampling. Features CD player with 3-beam laser pickup, 3 repeat modes, intro scan; double cassette deck with 2-cassette sequential play, high-speed tape dubbing, CD dubbing; AM/FM tuner; 3-band graphic EQ; line-level CD outputs \$170

CD-550A Portable CD Player

CD player with 16-track programming, 3-beam laser pickup, 3 repeat modes, intro scan, CD to tape synchro recording; dual tape decks with high speed tape duplication, one touch recording, continuous play; AM/FM radio; 3-band graphic EQ; built-in microphone; AC/DC operation. 11.5 lb \$170

CD-320A Portable CD Player

CD player with 20-track programming, 3 repeat modes, intro scan; cassette deck with synchro CD dubbing; AM/FM tuner; tone control; LCD \$150

CD-541A Portable CD Player

2x oversampling. CD player with 16-track random programmability, 3-beam laser pickup, repeat mode; dual cassette deck with high speed dubbing, one touch recording; 3-band graphic EQ. 24 1/2 x 8 x 9 1/2 in; 11.1 lb \$130

HARMAN KARDON

HD7725 CD Player

Features discrete analog-output section; separate power supplies for analog, digital, transport, and display sections; 3-beam laser pickup; spring-loaded disc-tray clamp; motor-driven volume control. Fiber-optic and coaxial digital outputs; fixed and variable

analog outputs; headphone jack. 30-program memory; index search; audible 2-speed cue/review; Intro scan; A/B repeat; display switch; music calendar; remote with level control \$899

HD7525 CD Player

Features discrete analog-output section; separate power supplies for analog, digital, transport, and display sections; 3-beam laser pickup; spring-loaded disc-tray clamp. Coaxial digital output; fixed and variable analog outputs; headphone jack. 30-program memory; index search; audible 2-speed cue/review; intro scan; A/B repeat; display switch; music calendar; remote control \$569

FL8400 5-Disc CD Changer

5-disc front-load carousel. Digital output. Ability to change 4 discs while 5th plays; 3 repeat modes; 32-track programming; random play; intro scan; music calendar; remote control \$379

HD7325 CD Player

Features discrete analog-output section; balanced D/A interface; separate power supplies for analog, digital, transport, and display sections; 3-beam laser pickup. Coaxial digital output. Audible 2-speed cue/review; intro scan; A/B repeat; display switch; remote control \$319

JVC

XMD1 MD Recorder/Player

1-bit A/D and D/A conversion. Features 10-second antishock buffer. Analog and fiber-optic digital inputs and outputs; mic input. 32-character track labeling; SCMS copy-limiting system; 4 editing modes; direct track access; jog dial for audible search; synchro record with JVC CD players; intro scan; skip play; timer record/play; random play; track programming; repeat; mic-input attenuator; auto/manual track search; power via AC, rechargeable batteries, or car adaptor; LCD panel with electroluminescence backlighting; CompuLink remote-control compatibility; remote control \$1,300

XLMC100 100-Disc CD Changer

1-bit PEM D/A conversion. 100-disc transport plus controller. Features 4th-order noise shaping; 3-beam laser pickup. Headphone jack with volume control. Single-disc random play; 3 repeat modes; delete play; 32-track programming; intro scan; FL display; CompuLink remote-control compatibility; remote control with LCD, 100-disc title memory, and alphanumeric keyboard \$1,000

XLGM800TN 7-Disc Karaoke CD Changer

6-disc magazine, single-disc tray. Features CD+G graphics decoder; RF converter. 2 mic inputs; video input and output; audio output. Lyric-superimpose, digital-echo, digital key control, vocal replacement, repeat practice, digital concert-effect, and one-song-play karaoke functions; 32-track programming; direct track/disc access; remote control with key-control buttons \$850

XLM509TN 7-Disc CD Changer

1-bit PEM D/A conversion. 6-disc magazine, single-disc tray. Features 4th-order noise shaping. Fiber-optic digital output; headphone jack with volume control. 32-track programming; tape edit; direct track/disc access; delete program play; auto/manual search; auto power-on/off eject; disc/track intro scan; 4 repeat modes; random play; 15-track music calendar; FL display; CompuLink remote-control compatibility; remote control with LCD, disc-title memory, and alphanumeric keyboard. S/N 107 dB; dynamic range 99 dB \$400

XLM415TN 7-Disc CD Changer

1-bit PEM D/A conversion. 6-disc magazine, single-disc tray. Features 4th-order noise shaping. Headphone jack. 32-track programming; tape edit; direct disc access; delete program play; auto/manual search; auto power-on/off eject; disc/track intro scan; 4 repeat modes; random play; 15-track music calendar; FL display; CompuLink remote-control compati-

bility; remote control. S/N 107 dB; dynamic range 99 dB \$330

XLF211TN 5-Disc CD Changer

1-bit PEM D/A conversion, 5-disc front-loading carousel. Features 4th-order noise shaping; disc-stabilizing clamper. Headphone jack with volume control. Auto/manual search; random play; 2 repeat modes; 32-track programming; direct disc access; FL display; music calendar; CompuLink remote-control compatibility; remote control with direct access. S/N 106 dB; dynamic range 98 dB \$320

XLV261TN CD Player

1-bit PEM D/A conversion. Features 4th-order noise shaping; disc-stabilizing clamper. Headphone jack with volume control. Direct track access; conventional/delete random play; 4 repeat modes; tape edit; auto power-on/off eject; 32-track programming; auto/manual search; 15-track music calendar; CompuLink remote-control compatibility; remote with index search. S/N 106 dB; dynamic range 98 dB \$220

XLV161TN. As above, no remote control. \$200

XCM75. 6-disc magazine for JVC CD changers. \$20

KENWOOD

LVD-820R Combi-Player

Dual 1-bit D/A converters. Plays CDs and videodiscs. Features digital time-base corrector; 3-line digital comb filter; 3rd-order noise shaping. S-video output; fiber-optic digital output; headphone jack with volume control. Dual-side play; front-panel shuttle dial; night theater mode; CAV-disc still-frame viewing; intro chapter/track scan; tape edit; frame, time, and chapter/track searches; 20-chapter/track programming; random play; repeat; on-screen displays; 20-track music calendar; remote control \$699

LVD-320. As above, without 3-line digital comb filter, dual-side play, or noise shaping. Shuttle knob on remote control. Features digital noise canceler \$499

DP-M7750 7-Disc CD Changer

Dual 1-bit D/A converters, 6-disc magazine, single-disc tray. Features 3rd-order noise shaping. RS-232 computer interface; gold-plated headphone jack with volume control. Control through MoodMaker PC software; ability to change magazine or disc in single tray while other plays; memory for 42 magazines; 255-disc program memory; 8-character alphabetic disc and magazine labeling; one-touch record with compatible cassette decks; high-speed CD-to-tape dubbing; digital peak search; direct track access; 32-track programming; audible track search; 20-track music calendar; remote control \$369

MM-1. MoodMaker PC control software for above. Features playlist creation; library sorting \$30

DP-R6060 5-Disc CD Changer

Dual 1-bit D/A converters, 5-disc carousel. Plays CDs and CD+Gs. Features 3rd-order noise shaping. Gold-plated headphone jack with volume control. Ability to change 4 discs while 5th plays; 100-disc program memory; one-touch record with compatible cassette decks; random play; 32-track programming; audible track search; timer play; 20-track music calendar; remote control \$299

DP-R5060. As above, doesn't play CD+Gs. \$239

DP-R4060. As DP-R5060, without 100-disc program memory \$219

DP-R3060. As DP-R4060, without headphone jack or remote control. \$189

DP-M5560 7-Disc CD Changer

Dual 1-bit D/A converters, 6-disc magazine, single-disc tray. Features 3rd-order noise shaping. Ability to change magazine or disc in single tray while other plays; one-touch record with compatible cassette decks; high-speed CD-to-tape dubbing; direct track access; 20-track programming; audible track search; timer play; 20-track music calendar; remote \$229

DP-M3360. As above, without remote control. \$199

DP-2060 CD Player

Dual 1-bit D/A converters. Features 2nd-order noise

shaping. Gold-plated headphone jack. One-touch record with compatible cassette decks; direct track access; random play; repeat; 20-track programming; audible track search; 20-track music calendar; remote control \$139

CDM-600. 6-disc magazine for Kenwood magazine-based changers. \$16.99

Portable CD Players

DPC-741 Portable CD Player

Dual 1-bit D/A converters. Features 4M antishock buffer; DSP for live-presence, bass boost, and POPS, ROCK, and FUSION EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD; wireless remote control. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes headphones with remote control, battery-extender case, carry case, rechargeable batteries, AC adaptor, interconnect cable, and car accessories. \$279

DPC-641 Portable CD Player

Dual 1-bit D/A converters. Features 4M antishock buffer; DSP for live-presence, bass boost, and POPS, ROCK, and FUSION EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD; wireless remote control. Operates for 2 hrs on included rechargeable batteries. Includes rechargeable batteries, AC adaptor, and car accessories \$239

DPC-541 Portable CD Player

Dual 1-bit D/A converters. Features 4M antishock buffer; DSP for live-presence, bass boost, and POPS, ROCK, and FUSION EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes rechargeable batteries, AC adaptor, battery-extender case, and remote headphones \$199

DPC-441 Portable CD Player

Dual 1-bit D/A converters. Features DSP for live-presence, bass boost, and POPS, ROCK, and FUSION EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes wireless remote control, rechargeable batteries, AC adaptor, battery-extender case, and remote-control headphones. \$169

DPC-341 Portable CD Player

Dual 1-bit D/A converters. Features DSP for live-presence, bass boost, and POPS, ROCK, and FUSION EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming. Operates for 2 hrs on included rechargeable batteries. Includes headphones, rechargeable batteries, and AC adaptor. Remote headphone adaptor optional. \$139

DPC-131 Portable CD Player

Dual 1-bit D/A converters. Features 3-point disc locking; rubber damping. Line-level output. Bass boost; audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming. Operates on 4 AA batteries for 4 hrs. Includes AC adaptor. Remote-control headphone adaptor optional. \$99

LINN

Karik CD Player

1-bit Delta-Sigma D/A conversion. Features servo transport control; screened circuitry; replaceable laser pickup 2 RCA output pairs; BNC and fiber-optic digital outputs; remote-control jack for switching of other Linn products or multiroom use; diagnostic out-

put. Software upgrading \$3,395

Mimik CD Player

1-bit Delta-Sigma D/A conversion. Features replaceable laser pickup. 2 RCA output pairs; BNC digital output; remote-control jack for switching of other Linn products or multiroom use \$1,495

LUXMAN

D-500XS CD Player

4x oversampling, 16-bit resistance-ladder-type D/A conversion. Features top-loading tray; CDM-3 pickup mounted on swing arm; 5 independent power supplies; antiresonance/antivibration design with aluminum top panel and wooden side panels; separate mechanical, electronic, electric, and signal-handling sections; motor-driven volume control. Fixed and variable outputs. FR 5-20,000 Hz ± 0.5 dB; THD 0.004% at 1,000 Hz; S/N 105 dB; dynamic range 103 dB; ch sep 114 dB \$7,000

D-X500. As above, 18-bit D/A converter. Volume control not motor driven. Features coaxial digital output. Dynamic range 102 dB; ch sep 110 dB \$5,000

D-373 CD Player

8x oversampling, 18-bit resistance-ladder-type D/A converter. Features motor-driven volume control; line-phase sensor; STAR circuitry. Fiber-optic digital output; system bus connection. Digital fade out; tape edit; 24-track programming; synchro play with compatible cassette decks; random play; repeat; auto scan; 20-track music calendar; timer play; FL display with 3 brightness levels; remote control. FR 5-20,000 Hz ± 1 dB; THD 0.006% at 1,000 Hz; S/N 105 dB; dynamic range 97 dB; ch sep 100 dB. Black or champagne \$1,000

MAGNAVOX

CDI550 CD-i Player

Plays CD-i discs, CDs, CD+Gs, and Photo CDs. Features digital video and audio processing. AV outputs. Full-motion-video capability with supplied Digital Video cartridge (\$249); remote control. 16 1/2 x 11 1/2 x 3 1/2 in. 11 lb. \$500

CDC74517 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Ability to change 3 discs while one plays; 30-track programming; tape edit; random play; intro scan; repeat; remote control. 17 1/2 x 4 1/2 x 15 in; 18 lb \$200

Portable CD Players

AZ6848MX Portable CD Player

Dual 1-bit Bitstream D/A converters. Features antishock mechanism. Digital mode control; 20-track programming; backlit display. Operates on 4 AA batteries for up to 8 hrs. 5 1/2 x 1 1/2 x 6 in; 13.3 oz without batteries. \$220

AZ6827 Portable CD Player

Dual 1-bit Bitstream D/A conversion. Features antishock mechanism; heat-resistant top. Dynamic compression; random play; intro scan; 2 repeat modes; orange/green backlit display. Includes AC/DC adaptor, cassette adaptor, and cigarette-lighter adaptor. 5 1/2 x 1 1/2 x 6 in; 13.4 oz without batteries. \$200

AZ6841MX Portable CD Player

4x oversampling, dual D/A converters. Random play; key-hold switch; dynamic bass boost; LCD. Includes cassette adaptor, cigarette-lighter adaptor, and shock-absorbing car base plate. 5 1/4 x 1 1/2 x 6 1/2 in; 1 lb without batteries \$170

AZ6840MX Portable CD Player

4x oversampling, dual D/A converters. Features LCD; random play; dynamic bass boost. Includes AC adaptor. 5 1/4 x 1 1/2 x 6 1/2 in; 1 lb without batteries. \$120

MARANTZ

CD-11 MkII CD Player

1-bit Bitstream PDM D/A conversion. Features CDM-4 mechanism with single-beam laser mounted on mag-

netically actuated swing arm; 3rd-order noise shaping; die-cast alloy chassis with copper plating throughout; toroidal transformer. Unbalanced and balanced-XLR outputs; digital outputs. Favorite-track memory for 195 discs. FR 20-20,000 Hz ± 0.1 dB unbalanced; THD 0.00135%; S/N 108 dB; dynamic range 96 dB; ch sep 100 dB. 18 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 13 $\frac{1}{2}$ in. . . \$2,500

EC-500 CD Player/Preamp/Tuner

Features CDM-12 3-beam laser mechanism. Line-level outputs for left, center, right, 2 surround, and mono/stereo subwoofer; composite- and S-video inputs and outputs; coaxial digital output; signal-processor loop; line-level multiroom outputs. Dolby Pro Logic with adjustable digital delay; auto input balance; 30 AM/FM presets; synchro play with compatible cassette decks; record-out selector; clock/timer; on-screen displays; display with dimmer; remote control. 16 $\frac{1}{2}$ x 4 x 13 $\frac{1}{2}$ in. . . \$1,099
AC-500. As above, without video or Dolby Pro Logic functions . . . \$699

LV-510 Combi-Player

1-bit Bitstream D/A conversion. Plays CDs and videodiscs. Features separate CD tray in center of videodisc drawer; digital time base corrector; color drop-out compensator; digital 3-line comb filter; 3-beam laser pickup. S-video output. Dual-side videodisc play; clear CAV/CLV scan; color scan; random play; 24-chapter/track programming; repeat; last-position memory; tape edit; intro chapter/track scan; variable output level; remote control with shuttle. FR 20-20,000 Hz ± 0.1 dB; THD 0.002%; S/N 114 dB; dynamic range 98 dB. 17 x 5 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in. . . \$799

CC-65 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Features CDM-12 laser mechanism; 2nd-order noise shaping. Coaxial digital output; analog output. Ability to change 3 discs while one plays; 32-track programming; random play; repeat; tape edit; peak search; variable output level; remote control. FR 5-20,000 Hz ± 0.5 dB; THD 0.0025%; S/N 110 dB; dynamic range 96 dB; ch sep 100 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 in. . . \$499

CD-63 CD Player

Dual 1-bit Delta-Sigma Bitstream D/A converters. Features CDM-12 mechanism with 3-beam laser and photo-diode pickup; proprietary analog-stage op amp combining discrete output circuit in integrated package; 4th-order noise shaping; digital de-emphasis and muting; digital drive servo. Gold-plated analog output; coaxial and fiber-optic digital outputs. Tape edit; peak search; 30-track programming; display with dimmer; remote with volume control. FR 5-20,000 Hz ± 0.5 dB; THD 0.0025%; S/N 104 dB; dynamic range 96 dB; ch sep 102 dB. Dimensions: 16 $\frac{1}{2}$ x 4 x 12 in. . . \$399
CD-63SE. As above, with OFC power-supply windings and stronger chassis. 16 lb . . . \$499
CD-53. As CD-63, without proprietary analog-stage op amp or fiber-optic output. Ch sep 100 dB . . . \$349

CC-52 5-Disc CD Changer

1-bit Bitstream PDM D/A conversion, 5-disc carousel. Features all-metal construction; integrated carousel and laser pickup. Fiber-optic digital output; RC-5 system-remote-control jacks. Ability to change 2 discs while one plays; synchro play with compatible cassette decks; 32-track programming; intro scan; random play; repeat; tape edit; 2-speed audible search; remote control. FR 20-20,000 Hz ± 0.1 dB; THD 0.003%; signal-to-noise ratio 100 dB; dynamic range 96 dB; channel separation 100 dB. Dimensions: 16 $\frac{1}{2}$ x 5 $\frac{1}{4}$ x 15 $\frac{1}{2}$ in. . . \$379

CC-45 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Features CDM-12 laser mechanism; 2nd-order noise shaping. Coaxial digital output. Ability to change 3 discs while one plays; 32-track programming; random play; repeat; tape edit; peak search; variable output level; remote control. FR 5-20,000 Hz ± 0.5 dB; THD 0.0025%; S/N 106 dB; dynamic range 96 dB; channel separation 100 dB. Dimensions: 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 in. . . \$299

Slim Series

Slim Series components offer the operating conveniences of a rack system with a single remote control when used together.

CD-1020 CD Player

1-bit Delta-Sigma Bitstream D/A conversion. Features 4th-order noise shaping. Analog and Toslink-digital outputs. Normal/delete track programming; tape edit with fading; auto peak-level search; scan; A/B, track, and disc repeat; random play; remote control. FR 5-20,000 Hz; THD 0.005%; S/N 102 dB; dynamic range 96 dB; ch sep 100 dB. 16 $\frac{1}{2}$ x 3 x 12 $\frac{1}{4}$ in; 9 lb . . . \$399

MARK LEVINSON

No. 31 Reference CD Transport

Towers containing power supplies for control and signal path circuits. AES/EBU, SPDIF, ST fiber optic and EIA-J fiber optic digital outputs. Top loading. . \$8,495

MCCORMACK

SST-1 CD Transport

Features jitter-elimination circuits. 2 coaxial outputs; AES/EBU output. Remote control. AT&T ST fiber-optic output optional. . . \$1,495

MCINTOSH

MCD7008 7-Disc CD Changer

8x oversampling, dual 20-bit D/A converters, 7-disc MusicBank Internal magazine. 50-track programming; remote control. FR 5-20,000 Hz -0.3 dB. 17 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in; 25 lb . . . \$2,000

MELOS

CD-Bit Tube CD Player

Features 2-chassis design with one for drive and digital circuitry and other for tube analog section; resonance-absorbing chassis . . . \$1,795

CD-Transport CD Transport

Features resonance-absorbing chassis. Fiber-optic and coaxial digital outputs. AT&T ST connectors optional. . . \$1,195

MERIDIAN

Model 508 CD Player

Coaxial and fiber-optic digital outputs. Unbalanced and balanced-XLR analog outputs. Pause; 8-character alphanumeric display; remote control. 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 13 in . . . \$2,495

Model 500 CD Transport

Coaxial, AES/EBU XLR, and fiber-optic digital output. Pause; 8-character alphanumeric display; remote control. 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 13 in . . . \$1,795

Model 506 CD Player

Coaxial and fiber-optic digital outputs; unbalanced analog output. Pause; 8-character alphanumeric display; remote control. 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 13 in . . . \$1,495

MICROMEGA

Stage 3 CD Player

Time-aligned differential 1-bit Bitstream D/A conversion. Features tray loading; CDM-12.4 mechanism; jitter-reduction circuitry; upgradable design. Coaxial output; headphone jack. Double-speed play for double-speed recorder; selectable display brightness and defeat; auto turn-off. FR 20-20,000 Hz ± 0.5 dB. 17 x 3 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in . . . \$1,295
Stage 2. As above . . . \$895

Stage 1 CD Player

1-bit D/A conversion. Features tray loading; CDM-12.4 mechanism; jitter-reduction circuitry; upgradable design. Coaxial output; headphone jack. Selectable display brightness and defeat; auto turn-off. Frequency response 20-20,000 Hz ± 0.5 dB. Dimensions: 17 x 3 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in . . . \$695

CD Transports

Duo CD 2.1 CD Transport

Features top loading; CDM-9 mechanism on 3 isolated columns; carbon-fiber disc stabilizer; jitter-reduction circuitry. AES/EBU, coaxial, and Toslink outputs. 13 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in. . . \$3,495

Trio 3 CD Transport

Requires AL-2 external power supply or power via Trio 3 BS D/A converter. Features top loading; CDM-9 mechanism on 3 isolated columns; carbon-fiber disc stabilizer; jitter-reduction circuitry; granite within base. AES/EBU, coaxial, and Toslink outputs. 13 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in . . . \$3,495

Duo CD 3.1 CD Transport

Features top loading; CDM-9 mechanism; carbon-fiber disc stabilizer; floating suspension; jitter-reduction circuitry. AES/EBU, coaxial, and Toslink outputs. 13 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in. . . \$2,195

T Drive CD Transport

Features tray loading; CDM-9 mechanism; jitter-reduction circuitry. Coaxial, AES/EBU, and Toslink outputs. 8 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 10 lb . . . \$1,695

Microdrive CD Transport

Features top loading; CDM-9 mechanism. Coaxial and Toslink outputs. 2 displays; remote control. 8 $\frac{1}{4}$ x 6 x 2 $\frac{1}{4}$ in; 4 lb . . . \$1,195

Drive 1 CD Transport

Features tray loading; CDM-12.4 mechanism; jitter-reduction circuitry. Coaxial, AES/EBU, and Toslink outputs. Selectable display brightness and defeat; auto turn-off. 17 x 3 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in; 10 lb . . . \$895
Drive 2. As above, improved jitter-reduction circuitry. . . \$1,350

MTX SOUNDCRAFTSMEN

CD100 CD Player

Bitstream D/A conversion. Features 2nd-order noise shaping; fiberglass circuit boards; linear motor. Remote control. S/N 100 dB; dynamic range 96 dB; channel separation 100 dB. Dimensions: 17 x 3 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in . . . \$600
CD100PRO. As above, rack mount. 19 x 3 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in . . . \$600

MUSEATEX

CDD1 CD Transport

Features antijitter circuitry. RCA and Toslink outputs. Track programming; remote control . . . \$1,749

MUSICAL CONCEPTS

Epoch VII CD Player

8x oversampling. Features aluminum platter with damping pad; separate power supplies and circuit boards for analog and digital sections; DSP to recreate frequencies above 20,000 Hz. Analog output; coaxial and fiber-optic outputs; gold-plated Teflon-insulated RCA connectors . . . \$995
Enigma VII. Lower-cost version of above . . . \$695
CDT-4. Transport version of Epoch VII. Chassis and transport damping. Coaxial digital output. . . \$695

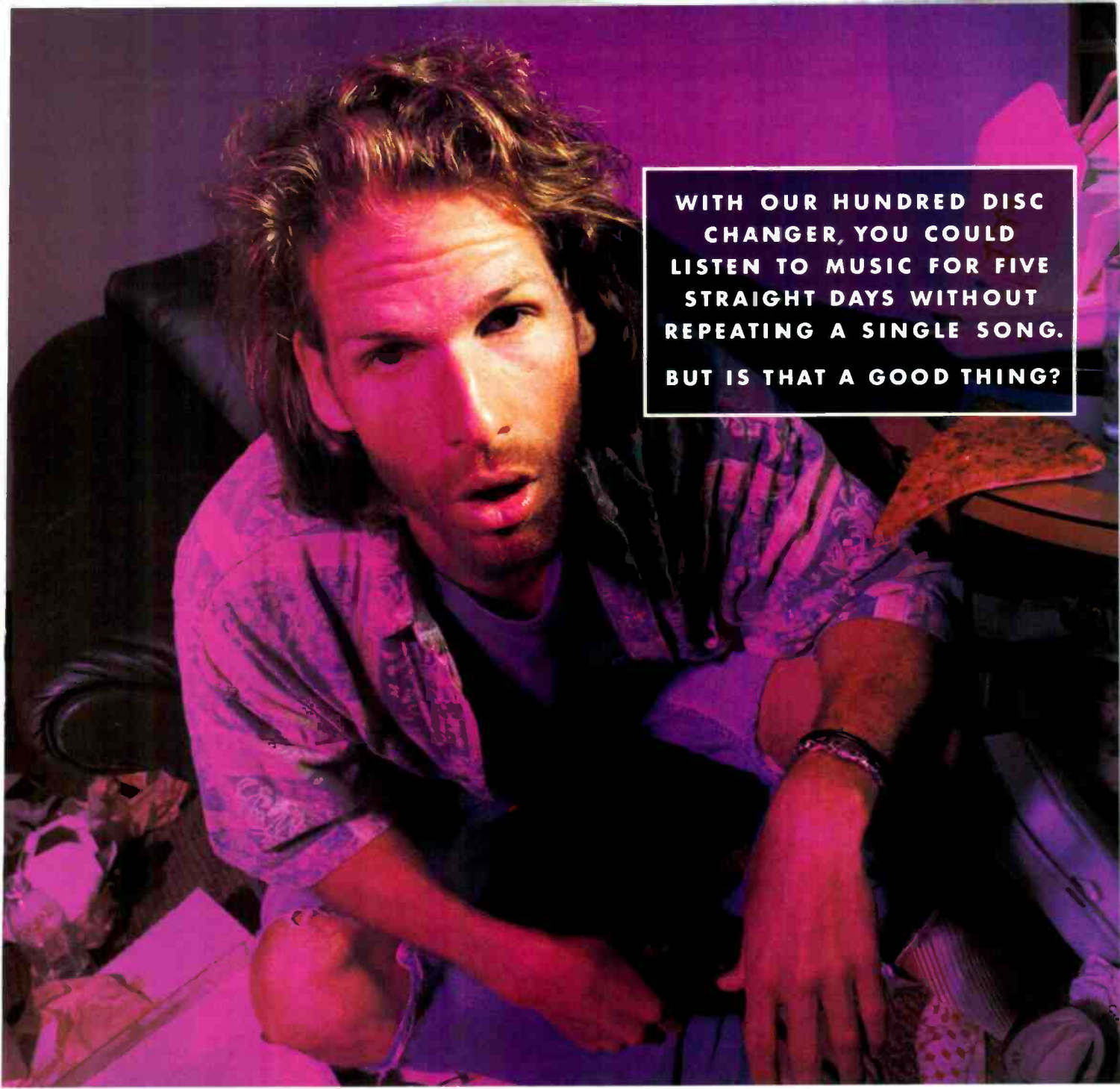
Entre CD Player

8x oversampling, Delta-Sigma D/A conversion. Features 4th-order noise shaping; all-metal chassis; digital servo control. Coaxial digital output; gold-plated Teflon-insulated RCA connectors. Remote with volume control . . . \$495
CDT-5. Transport version of above. Chassis and transport damping . . . \$495

MUSICAL DESIGN

CD-2 CD Player

8x oversampling. Features aluminum platter with rubber damper; chassis and transport damping pads; anodized-aluminum front and side panels; separate power supplies and circuit boards for analog and digital sections. Remote control . . . \$1,495



WITH OUR HUNDRED DISC
CHANGER, YOU COULD
LISTEN TO MUSIC FOR FIVE
STRAIGHT DAYS WITHOUT
REPEATING A SINGLE SONG.
BUT IS THAT A GOOD THING?



Nonstop music for the better part of a week may be a little extreme, we admit. But it's entirely possible with Pioneer's new 100 Disc CD Player. The changer that stores all of your CDs in a regular rack space and gives you instant access to any song on any disc. In fact, all you'll ever need to touch is the remote. It lets you cue up individual tracks, and even create customized banks of songs or discs. So you'll be getting to more of your music than ever before. Just don't blow off eating, sleeping and bathing regularly.

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The Art of Entertainment

For the nearest dealer, call 1-800-Pioneer, ext. 011. © 1994 Pioneer Electronics (USA) Inc., Long Beach, CA.

CD-3 CD Player

8x oversampling, Delta-Sigma D/A conversion. Features 4th-order noise shaping; digital pickup servo; cover, transport, and chassis damping; aluminum side panels. Digital 30-dB attenuator; peak search; display dimmer; remote control. THD 0.0025% . \$795

NAD

Model 513 3-Disc CD Changer

1-bit MASH D/A converter, 3-disc carousel. Features balanced filtering; linear phase digital filter; 5-pole active analog filter. Remote control with direct access numeric keypad; ability to change 2 CDs while one plays; random play; 3-way repeat mode; 32 tracks programmable; edit function decides how many tracks will fit on one side of tape for easy transfer of CDs. FR 10-20,000 Hz ± 0.5 dB; THD 0.003%; S/N 105 dB; dynamic range 96 dB; ch sep 95 dB at 1,000 Hz. 17 1/2 x 3 1/2 x 13 1/2 in; 15.2 lb \$399

Model 502 CD Player

1-bit MASH D/A converter. Features DC coupling. Digital output; NAD-Link multiroom jacks. 21-track programming; direct track access; remote control. FR 5-20,000 Hz ± 5 dB; S/N 105 dB; dynamic range 98 dB; ch sep 100 dB at 1,000 Hz. 16 1/2 x 3 3/4 x 11 1/2 in; 13.3 lb \$299

NAIM

NA CDS CD Player

4x oversampling, Philips 16-bit D/A conversion. Features separate transport and power supply; top-loading and full remote control. FR 10-18,000 Hz ± 0.1 dB; S/N 0.1% \$7,000

NA CDI CD Player

4x oversampling, Philips 16-bit D/A conversion. Integrated CD player with power supply and transport in one chassis. Features top-loading and full remote control. \$3,850

NA CD3 CD Player

Integrated CD player with power supply and transport in one chassis. Features front-loading and remote control. \$1,850

NARCD. Remote for Naim CD components . . . \$375

NAKAMICHI

MB-1s, MB-2s, MB-3s, MB-4s, and Model 1000mb feature Nakamichi's MusicBank 6-disc internal magazine plus a single-disc tray.

Model 1000mb 7-Disc CD Transport

Features multiple-compartment construction; dual-suspension die-cast chassis; disc stabilizer; die-cast zinc pickup base; push-pull digital interface. Coaxial and fiber-optic digital outputs. Synchro play with compatible cassette decks. Glass fiber-optic output optional. \$6,000

MB-1s 7-Disc CD Changer

8x oversampling, dual hand-selected 20-bit D/A converters. Features 2.1-second change time to adjacent disc; 18-dB/oct Bessel analog low-pass filter. Gold-plated analog outputs; coaxial digital output; headphone jack with volume control; system remote jack. Direct access; 50-track programming; random play; repeat; track, remaining-time, and total-time displays; music calendar; system remote-control compatibility. FR 5-20,000 Hz ± 0.5 dB; THD 0.0035% at 1,000 Hz; S/N 100 dBA; dynamic range and ch sep 100 dB. 17 x 3 3/4 x 10 1/2 in \$799

MB-2s. As above, dual hand-selected 18-bit D/A converters. THD 0.004% at 1,000 Hz; S/N 96 dBA; dynamic range 92 dB; ch sep 90 dB \$599

MB-3s 7-Disc CD Changer

Dual 18-bit D/A converters. Features 2.1-second change time to adjacent disc; 18-dB/oct Bessel analog low-pass filter. Direct access; 50-track programming; random play; repeat; track, remaining-time, and total-time displays; music calendar; system re-

mate-control compatibility; remote control. FR 5-20,000 Hz ± 0.5 dB; THD 0.006% at 1,000 Hz; S/N 96 dBA; dynamic range and ch sep 90 dB. 17 x 3 3/4 x 10 1/2 in \$499

MB-4s 7-Disc CD Changer

Dual 16-bit D/A converters. Features 2.1-second change time to adjacent disc; 18-dB/oct Bessel analog low-pass filter. Direct access; 50-track programming; random play; repeat; music calendar; track and total-time displays; system remote-control compatibility; remote control. FR 10-20,000 Hz ± 0.5 dB; THD 0.035% at 1,000 Hz; S/N 87 dBA; dynamic range 87 dB; ch sep 78 dB. 16 1/2 x 3 3/4 x 10 1/2 in \$399

NIKKO

NLD3000 Combi-Player

18-bit D/A converter. Plays CDs and videodiscs. Features digital still frame. Time, frame, and chapter searches; intro scan; 7 repeat modes; on-screen displays. FR 4-20,000 Hz; S/N 105 dB \$350

NCD915R CD Player

4x oversampling, 16-bit D/A converter. 21-track programming; intro scan; repeat; remote control. FR 20-20,000 ± 1 dB; THD 0.08%; S/N 80 dB \$105

NSM

Model 3101FPS 100-Disc CD Changer System

1-bit Bitstream D/A conversion, two 50-disc magazines, separate controller with single-disc tray. Features Philips CDM-4 laser mechanism; 5-second average disc change; 9-second maximum track change. Fixed and variable analog outputs; coaxial and fiber-optic digital outputs; RS-232 interface; headphone jack with volume control. Direct track access; 3,675-step programming; 99 custom playlists of 100 tracks each; tape edit; random play; repeat; intro scan; fade in/out; digital display with brightness control; remote control. FR 20-20,000 Hz; S/N 95 dBA; dynamic range 92 dB; ch sep 90 dB at 1,000 Hz. 2-yr parts-and-labor warranty. Controller 16 1/2 x 3 1/2 x 11 in \$3,250

Model 3101AC/PC. As above, without controller. Designed for IBM-compatible PC control via RS-232 interface. Can daisy-chain up to 16 units \$2,750

ONIX

CD33 CD Player

DAC7 1-bit D/A conversion. Features CDM-9 transport. 2-V power-amplifier output. Remote control with level control. THD 0.002%; S/N and ch sep 100 dB. 17 x 3 x 13 in; 13.2 lb \$2,195

ONKYO

Next-selection function refers to the ability to select the next track to play without interrupting currently playing track. All models, except DX-F5, are compatible with Onkyo's RI-system control.

Integra DX-788F CD Player

Dual 1-bit D/A converters. Features separate analog and digital transformers designed to prohibit electromagnetic interference; aluminum chassis. Balanced output; fiber-optic output; fixed and variable analog outputs. 20-track programming. FR 2-20,000 Hz; THD 0.0015%; S/N 110 dB; dynamic range 100 dB; ch sep 102 dB at 1,000 Hz. 18 x 5 1/2 x 14 1/2 in; 19.6 lb \$1,249

Integra DX-708 CD Player

Dual 1-bit D/A converters. Features optical coupling; linear motor drive; transformer designed to prohibit electromagnetic interference; copper-plated chassis; complementary distortion canceler; centered tray orientation; die-cast aluminum tray. Fiber-optic output. Program reverse; auto spacing; peak search; auto fade; 2 random-play and 5 repeat modes; 2-speed scan; switchable display dimmer; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.002%; S/N 110 dB; dynamic range 100 dB; ch sep 110 dB at 1,000 Hz. Dimensions: 18 x 5 1/2 x 14 1/2 in; 19.4 lb \$769

Integra DX-706 CD Player

Dual 1-bit D/A converters. Features linear-motor drive; complementary distortion canceler; centered tray orientation; die-cast aluminum tray. Fiber-optic output. Program reverse; auto spacing; peak search; auto fade; 2 random-play and 4 repeat modes; 2-speed scan; switchable display dimmer; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.002%; S/N 110 dB; dynamic range 100 dB; ch sep 110 dB at 1,000 Hz. 18 x 5 1/2 x 14 1/2 in; 17.6 lb \$569

DS-F71 Portable CD Player

Digital antishock buffer; suspension system. Includes accessories for home and auto use . . . \$239

DX-710 CD Player

Dual 1-bit D/A converters. Headphone jack with volume control. Synchro play with compatible cassette decks; 20-track programming; 3 repeat modes; 20-track music calendar. FR 5-20,000 Hz; THD 0.004%; S/N 100 dB; dynamic range 96 dB; channel separation 90 dB at 1,000 Hz. Dimensions: 18 x 4 1/2 x 12 in. \$219

CD Changers

Integra DX-C909 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Features transformer designed to prohibit electromagnetic interference; copper-plated chassis; motor-driven volume control. Fixed and variable analog outputs; fiber-optic output; headphone jack with volume control. Ability to change 3 discs during play; program reverse; synchro play with compatible cassette decks; peak search; 40-track programming; random play; 6 repeat modes; next-selection function; direct track/disc access; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.0028%; S/N 106 dB; dynamic range 98 dB; ch sep 92 dB at 1,000 Hz. 18 x 5 1/2 x 17 in; 19.8 lb \$659

Integra DX-C606 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Fiber-optic output; headphone jack with volume control. Ability to change 3 discs during play; program reverse; synchro play with compatible cassette decks; peak search; 40-track programming; random play; 6 repeat modes; next-selection function; direct track/disc access; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.0028%; S/N 106 dB; dynamic range 98 dB; channel separation 92 dB at 1,000 Hz. Dimensions: 18 x 5 1/2 x 17 in \$489

DX-M505 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc magazine. Program memory for 341 discs; peak search; synchro play with compatible cassette decks; 36-track programming; next-selection function; 6 repeat modes; random play; direct track/disc access; remote control. FR 5-20,000 Hz; THD 0.004%; S/N 100 dB; dynamic range 98 dB; ch sep 92 dB at 1,000 Hz. 18 x 4 1/2 x 12 1/2 in; 12.5 lb \$439

DX-C311 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Ability to change 3 discs during play; random play; 40-track programming; next-selection function; 5 repeat modes; 20-track music calendar; FL display; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.004%; S/N 96 dB; dynamic range 96 dB; ch sep 90 dB at 1,000 Hz. 18 x 4 1/2 x 16 1/2 in; 17 lb \$359

DX-C211 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Headphone jack. Ability to change 3 discs during play; synchro play with compatible cassette decks; 40-track programming; random play; 5 repeat modes; next-selection function; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; total harmonic distortion 0.004%; signal-to-noise ratio 96 dB; dynamic range 96 dB; channel separation 90 dB at 1,000 Hz. Dimensions: 18 x 4 1/2 x 16 1/2 in; 17 lb \$329

OPTIMUS BY RADIO SHACK

CD-7500 5-Disc CD Changer

5-disc carousel. Headphone jack with volume control. Direct track access; intro scan; tape edit; 20-track programming; random play; 5 repeat modes; A/B repeat; FL display; remote-control compatibility with system receiver remote controls. \$230

CD-6400 5-Disc CD Changer

5-disc front-loading carousel. Ability to change 2 discs while one plays; 32-track programming; random play; 3 repeat modes; FL display. \$200

CD-5500 CD Player

Headphone jack with volume control. Delete play; intro scan; tape edit; 20-track programming; random play; 4 repeat modes; 15-track FL music calendar; remote-control compatibility with system receiver remote controls; remote control. \$180

CD-3420 Portable CD Player

1-bit D/A converter. Features 2.8-sec antishock buffer; 3-beam laser pickup. Headphone mini jack; line-level output. Rechargeable-battery charging circuit; 22-track programming; 3 repeat modes; auto power-off. Includes carry pouch. Operates on 2 AA batteries. \$200

CD-3450 Portable CD Player

1-bit D/A converter. Features 3-beam laser pickup. Headphone mini jack; line-level output. Rechargeable-battery charging circuit; intro scan; 20-track programming; random play; 3 repeat modes; switchable bass boost. Operates on 4 AA batteries. \$120

Professional Series

CD-7300 6-Disc CD Changer

6-disc magazine. Headphone jack with volume control. Auto digital level control; magazine labeling with one of 6 style names for up to 10 magazines; 32-track programming; programmed/deleted-tracks memory nonvolatile while magazine in changer; highlight scan; 3 repeat modes; random play; delete play; last-disc memory; tape edit; digital fader; direct track access; synchro play with compatible cassette decks; FL display; remote-control compatibility with system receiver remote controls. \$250

CD-7250 6-Disc CD Changer

6-disc magazine. Delete play; 32-track programming; highlight scan; 3 repeat mode; random play; last-disc memory; FL display; remote-control compatibility with system receiver remote controls; remote control. \$230

CD-7200. As above, without delete play or remote control. \$200

PANASONIC

LX-900 Combi-Player

1-bit MASH D/A conversion. Plays CDs and videodiscs. Features one-spindle brushless direct-drive motor; digital time-base corrector; 8-bit digital field memory for CLV/CAV/CDV special effects; digital comb filter; digital servo control; digital noise canceling; digital field-noise reduction; aspheric glass-lens pick-up. Fiber-optic digital output; S-video output; headphone jack with volume control. Dual-side videodisc play; 7 repeat modes; on-screen displays; jog/shuttle control; remote control. FR 4-20,000 Hz; THD 0.0023%; S/N 115 dB; dynamic range 96 dB. 17 x 5 x 16 1/2 in; 20.5 lb. \$1,050

LX-K750 Karaoke Combi-Player

Features digital time-base corrector; digital servo control; Y/C separation; multiple-stage noise shaping; glass-lens laser pickup; one-spindle brushless direct drive motor. 2 audio outputs; 1 S-video and composite-video outputs; 2 mic inputs; headphone jack with volume control. Dual-side play; 21-step digital stereo key control; 20-track/chapter direct access; one-touch karaoke; music/mic balance control; echo effect; DSP modes. 23.4 lb. \$1,000
RP-VK68EN. Key control microphone. \$170
LY-CDG1. CD+G adaptor. \$130

LX-600 Combi-Player

1-bit MASH D/A conversion. Plays CDs and videodiscs. Features one-spindle brushless direct-drive motor; digital time-base corrector; digital Y/C separation; digital servo control; glass-lens pickup. Fiber-optic digital output; S-video output; headphone jack with volume control. Dual-side videodisc play; 7 repeat modes; on-screen displays; jog/shuttle control; remote control. FR 4-20,000 Hz; THD 0.003%; dynamic range 96 dB. 17 x 5 x 16 1/2 in; 20.1 lb. . . . \$600

LX-101 Combi-Player

1-bit MASH D/A conversion. Plays CDs and videodiscs. Features one-spindle brushless direct-drive motor; digital time-base corrector; digital Y/C separation; glass-lens pickup. S-video and composite-video outputs; headphone jack with volume control. 6 repeat modes; on-screen displays; remote control. FR 4-20,000 Hz; THD 0.006%; S/N 101 dB; dynamic range 94 dB. 17 x 4 1/2 x 15 1/2 in; 22.5 lb. . . \$550

LX-H170 Combi-Player

1-bit MASH D/A conversion. Plays CDs and videodiscs. Features digital time-base corrector; digital servo control; glass-lens pickup. Composite-video output; headphone jack with volume control. 16.5 lb. \$450

PARASOUND

TL 1 CD Transport

Belt drive, top-load design. \$4,950

PHILIPS

CDI220 CD-i Player

Plays CD-i discs, CDs, CD+Gs, and Photo CDs. Features digital video and audio processing. A/V outputs. Full-motion-video capability with optional add-on cartridge; remote control. 16 1/2 x 3 1/2 x 11 1/2 in. . . . \$499

CD936 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Features digital servo IC; CDM-12 linear-tracking laser mechanism. Digital output; gold-plated headphone jack with volume control. Ability to change 3 discs while one is playing; favorite-track selection with tiling capability; 30-track programming; music calendar; peak search; synchro play with compatible cassette decks; auto fader; auto edit; auto space; intro scan; repeat; random play; 6-character display; remote control. 17 1/2 x 4 1/2 x 15 in; 13.8 lb. \$280
CD926. As above, no favorite-track selection. . . \$250
CD916. As CD926, without remote control. . . \$230

CD921 CD Player

1-bit Bitstream D/A conversion. Features digital servo IC; CDM-12 linear-tracking laser mechanism. Digital output; gold-plated headphone jack with volume control. Peak search; synchro play with compatible cassette decks; auto fader; auto edit; intro scan; random play; repeat; 6-character display; 30-track programming; music calendar; remote control. 17 1/2 x 4 1/2 x 11 1/2 in; 8.8 lb. \$180

PINK TRIANGLE

Cardinal CD Player

1-bit D/A conversion. Features 20 voltage regulators; digital and analog circuit isolation. BNC coaxial digital output; balanced and unbalanced analog outputs. Remote control. FR 10-20,000 Hz ±0.1 dB; THD 0.004%; S/N 115 dB; dynamic range 110 dB. . \$1,995

PIONEER

PD-203 CD Player

1-bit D/A conversion. Peak search; defeatable display; tape edit; remote control. \$220
PD-103. As above, no remote control. \$190

Combi-Players

Pioneer's proprietary variable digital noise reduction allows the user to vary chrominance and luminance by factors of 10. Pioneer's proprietary digital video processing provides noise reduction and includes a

time-base corrector. All models, except CLD-V840, CLD-V740, and CLD-A100, feature on-screen displays, tape edit, synchro play with compatible cassette decks, intro/highlight scan, and a remote control with RS-system compatibility.

CLD-D703 Combi-Player

Dual 1-bit D/A converters. Plays CDs and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; 8-bit digital field memory for effects; separate audio and video circuit boards; proprietary variable digital noise reduction; proprietary digital video processing; 3-line comb filter. 2 S-video outputs; fiber-optic and coaxial digital outputs. Dual-side play; digital level control; remote with jog and shuttle. FR 4-20,000 Hz; THD 0.0017%; S/N 116 dB; dynamic range 99 dB. 16 1/2 x 5 1/2 x 17 1/2 in. . . \$1,220

CLD-V840 Karaoke Combi-Player

1-bit D/A conversion. Plays CDs and videodiscs. 2 A/V outputs; headphone jack; 2 mic inputs with level controls; aux input. Dual-side play; one-touch karaoke; 11-step digital key control; 3 surround modes; vocal tone control; 24-track programming; karaoke intro scan; modes to switch or sing with recorded vocals; remote control. FR 4-20,000 Hz; S/N 102 dB; dynamic range 96 dB. 16 1/2 x 5 1/2 x 17 1/2 in. . . \$1,100

CLD-V740 Karaoke Combi-Player

1-bit D/A conversion. Features direct-CD mode with independent CD tray within videodisc tray. 2 A/V outputs; headphone jack; 2 mic inputs with level controls; aux input. 11-step digital key control; 3 surround modes; karaoke intro scan; 24-track programming; one-touch karaoke; remote control. FR 4-20,000 Hz; S/N 100 dB; dynamic range 95 dB. 16 1/2 x 4 1/2 x 15 1/2 in. \$900

CLD-M403 Karaoke 5-Disc Combi-Changer

1-bit D/A conversion. 5-disc tray combined with videodisc tray. Plays CDs and videodiscs. Features proprietary digital video processing. Mic input with volume control. Videodisc play with CDs in tray; one-touch karaoke; digital echo; auto digital level controller; 12 track-per-disc programming for 60 tracks with memory; remote control with shuttle ring. Includes mic and karaoke disc. FR 4-20,000 Hz; THD 0.004%; S/N 100 dB; dynamic range 95 dB. 16 1/2 x 5 1/2 x 17 1/2 in. \$770

CLD-A100 Multimedia Combi-Player

Plays CDs, videodiscs, and LaserKaraoke discs. Features CD-direct mode with independent CD tray. Direct chapter/track access; remote control. 16 1/2 x 5 1/2 x 15 1/2 in. \$735
PAC-S10. Add-on to above to play LaserActive Mega LD videodiscs, Sega CDs, Genesis ROM cartridges, and CD-Gs. \$485
PAC-N10. Add-on to CLD-A100 to play LaserActive LD-ROM discs, Turbo Technologies DuoSoft discs and game cartridges, and CD-G discs. . . . \$485
PAC-K1. Add-on to CLD-A100 to play LaserKaraoke discs. \$350

CLD-D503 Combi-Player

1-bit D/A conversion. Plays CDs and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; proprietary digital video processing; 3-line comb filter. 2 A/V and 1 S-video outputs. Dual-side play; digital level control; shuttle ring; remote control. FR 4-20,000 Hz; THD 0.0025%; S/N 115 dB; dynamic range 98 dB. 16 1/2 x 5 1/2 x 17 1/2 in. . . \$650

CLD-S303 Karaoke Combi-Player

1-bit D/A conversion. Features direct-CD mode with independent CD tray within videodisc tray; proprietary digital video processing. Mic input with volume control. Digital level control; digital echo; remote control with shuttle ring. Includes mic and karaoke disc. FR 4-20,000 Hz; THD 0.004%; S/N 100 dB; dynamic range 95 dB. 16 1/2 x 4 1/2 x 15 1/2 in. . . . \$650

CLD-S201 Combi-Player

1-bit D/A conversion. Features direct-CD mode with independent CD tray within videodisc tray. Digital level control; tape edit; shuttle ring; remote control. FR 4-

20,000 Hz; THD 0.003%; S/N 102 dB; dynamic range 96 dB. 16% x 4 1/4 x 15 1/4 in. \$535

CD Changers

The following feature synchro play with compatible cassette decks.

PD-F100 100-Disc CD Changer

1-bit D/A conversion, four 25-disc rolling racks. Ability to change discs in 3 other racks while one in 4th plays; 3 disc groups; control via VSX-D903S receiver graphic interface; remote control \$715
PD-AP1. Add-on controller providing control of up to 3 PD-F100s or PD-F51s, 10 disc groups, disc titling for all discs, and random play from all changers. \$NA

PD-F51 51-Disc CD Changer

1-bit D/A conversion, two 25-disc rolling racks, single-disc slot. Ability to change discs in one rack while disc in other plays; 3 disc groups; supplied with remote control \$615

PD-TM3 18-Disc CD Changer

1-bit D/A conversion, three 6-disc magazines. Features DSP for JAZZ, CHURCH, DANCE, HALL, and STADIUM sound fields. Highlight scan; last-position memory; tape edit; remote control \$545
PD-DM802. As above, two 6-disc magazines. No DSP \$400

PD-M703 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Features DSP for WIDE, KARAOKE, JAZZ, CHURCH, DANCE, and HALL sound fields. Highlight scan; music-type memory; last-disc memory; tape edit; remote control \$315
PD-M603. As above, no DSP \$270

PD-M423 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Highlight scan; last-disc memory; remote control \$245
PD-M403. As above, no remote control \$235

Elite Series

CLD-97 Combi-Player

Dual 1-bit D/A converters. Features Legato Link to extend FR above 20,000 Hz; digital video noise reduction, color-separation circuitry, and time-base corrector; CX NR. Fiber-optic and coaxial digital outputs; S-video output. Dual-side play; remote control with jog and shuttle \$2,500

CLD-53 Combi-Player

Dual 1-bit D/A converters. Features direct-CD mode with independent CD tray within videodisc tray; analog video noise reduction; Legato Link to extend FR above 20,000 Hz; 3-line digital comb filter. Dual-side play; digital level control. 2 audio/composite-video outputs; S-video output; fiber-optic and coaxial digital outputs; shuttle control; remote control \$850

PD-F107 100-Disc CD Changer

1-bit D/A conversion. Features Legato Link to extend FR above 20,000 Hz. Fiber-optic digital output. Auto digital level control; 3 custom memory modes; memory for 100 disc titles; synchro play with compatible cassette players; random play; repeat; 32-track programming; remote control with 8-character LCD. 16% x 7 3/4 x 15 1/4 in. \$800

PD-65 CD Player

1-bit D/A converters in multiple complementary sets. Features stable-platter disc-drive mechanism with aluminum platter; disc clamper; brushless spindle motor; Legato Link to extend FR above 20,000 Hz; separate analog and digital transformers; Class A FET buffer amp; noise shaper; antiresonant honeycomb chassis; motor-driven volume control. Fiber-optic and coaxial digital outputs; headphone jack. Synchro play with compatible cassette decks; remote control \$800
PD-32. As above, without Legato Link, separate transformers, Class A FET buffer amp, or coaxial digital output \$400

PD-M77 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Features

Legato Link to extend FR above 20,000 Hz; DSP for JAZZ, CHURCH, DANCE, HALL, and STADIUM sound fields. Fiber-optic and coaxial digital outputs. Memory for 20 magazines; music-type memory; 32-track programming; conventional/delete random play; remote control \$770
PD-M53. As PD-M77, without sound fields \$460

PD-54 CD Player

1-bit D/A conversion. Legato Link to extend FR above 20,000 Hz; stable-platter mechanism. Fiber-optic and coaxial digital outputs. Remote \$500

PROCEED

PCD 3 CD Player

8x oversampling, dual 20-bit D/A converter. Features toroidal transformer; regulated power supplies; extensive isolation from vibration via spiked feet, lead weights, and damping material. Balanced and single-ended outputs and SPDIF digital output \$2,995

PDT 3 CD Transport

Toroidal transformer; regulated power supplies; extensive isolation from vibration via spiked feet, lead weights, and damping material. AES/EBU, SPDIF, ST optical, and EIA-F optical digital outputs \$2,495

PROTON

AC-2200 CD Player

Analog and coaxial-digital outputs; phone jack for remote link; headphone jack. Random play; repeat; track programming; intro scan; 20-track music calendar; backlit LCD; remote control \$250

PS AUDIO

Lambda CD Transport

Features Philips CDM-9 mechanism; glass fiber-optic signal path; 3 separate power transformers; digital servo correction; brushless DC motor. Coaxial and AES/EBU digital outputs. 17 x 3 1/4 x 15 in. \$1,795
 With AT&T ST output \$2,095

QUAD

Quad 67 CD Player

64x oversampling, 18-bit Delta-Sigma D/A converter. Features CDM-9 transport; MOSFET Class A amplifier. Digital and analog outputs. Track programming; remote control. FR 4-21,000 Hz -0.1 dB; THD 0.002%; S/N 114 dB. 12 x 3 x 9 in; 8 lb \$1,495

QUASAR

LD700 Combi-Player

MASH D/A conversion. Plays CDs and videodiscs. Features 8-bit digital field memory for effects; digital time-base corrector, field-noise reduction, 3-line comb filter, pickup servo, and noise cancellation; dual-magnet clamp; brushless direct-drive motor; aspheric glass-lens pickup. S-video output, fiber-optic digital output; headphone jack. Dual-side play; black-and-white and reduced-brightness theater-effect modes; 20-chapter-track programming; still frame with or without sound; stroboscopic motion with sound; random play; repeat; CAV-frame and CLV-time videodisc searches; defeatable FL display; remote control with jog and shuttle controls. Dimensions: 17 x 5 x 16 1/2 in. \$1,000

LD600 Combi-Player

MASH D/A conversion. Plays CDs and videodiscs. Features digital time base corrector; digital pickup servo; dual magnet clamp; brushless direct-drive motor; aspheric glass-lens pickup. S-video output; fiber-optic digital output. Dual-side play; clear visual scan with shuttle control on front panel or remote control; 20-chapter/track programming; still frame; repeat; intro scan; random play; CLV-time and CAV-frame searches; defeatable FL display; remote control. 17 x 5 x 16 1/2 in. \$750

LD510 Combi-Player

MASH D/A conversion. Plays CDs and videodiscs.

Features digital time base corrector; digital 3-line comb filter; magnet clamp; brushless direct-drive motor; aspheric glass-lens pickup. S-video output; headphone jack. Clear visual scan with shuttle control on front panel; remote control. FR 4-20,000 Hz; THD 0.006% at 1,000 Hz; S/N 101 dB; dynamic range 94 dB. 17 x 4 1/4 x 15 1/4 in. \$450

CD894 5-Disc CD Changer

1-bit MASH D/A conversion, 5-disc bidirectional front-loading carousel. Features digital pickup servo. Ability to change 4 discs while 5th plays; 32-track programming; repeat; random play; FL display. 17 x 5 1/2 x 15 1/2 in; 11 lb \$260

CD750 Portable CD Player

8x oversampling. Bass boost; high-cut filter; 24-track programming; random play; repeat; auto turn-off; backlit LCD. Operates on 2 alkaline batteries for 8 hrs. Includes headphones, car cassette and cigarette-lighter adaptors, 12-disc storage case, AC power adaptor, and interconnect cable \$240

GXD550 Portable CD System

1-bit MASH D/A conversion. CD player with 16-track programming; double cassette deck with 2-tape sequential play; 4-band graphic EQ; two detachable 2-way speakers. Headphone jack. Bass boost with level control; LCD \$200

CD832 CD Player

1-bit MASH D/A conversion. Features digital pickup servo. Tape edit; random play; track programming. 14 1/4 x 3 1/2 x 11 1/2 in. \$160

ROTEL

RCD-965BXL CD Player

Philips SAA7232 D/A conversion. Features hand-selected analog filter components; slit-foil capacitors. Remote control. 17% x 3% x 12 1/2 in \$600

RCC-940AX CD Changer

Bitstream D/A conversion. Ability to change discs while one play; random play; A/B repeat; track programming; track scan; remote control. 17% x 4 1/2 x 15 1/2 in \$500

RCD-945 CD Player

Bitstream D/A conversion. Random play; A/B repeat; remote control. 17% x 3% x 12 1/2 in \$330

SAMSUNG

KCD1 5-Disc Karaoke CD Changer

2 mic inputs. 20-instrument digital playback system; key and tempo controls with LED indicators; mic mixing function; fanfare function; 9-song reservation system; digital echo system; melody line-level control and switching function; graphics system for lyrics display. Includes 1,520-song CD and music book. 16% x 4 1/4 x 16 1/4 in; 18 lb. \$1,199

PCD730 Portable CD System

Top-load CD player with intro scan, random play, repeat, and 16-track programming; double cassette deck with high-speed dubbing and autoreverse for one transport; AM/FM tuner; two detachable 2-way ported speakers. Bass, treble, and balance controls; LED indicators. Output power 3.5 W x 2 rms. 26% x 7 1/2 x 7 1/2 in; 12 lb \$199
PCD720. As PCD730, without autoreverse. 25 x 9% x 8 1/2 in; 14.5 lb \$169

RCD1230 Portable CD System

Top-loading CD player with intro scan, repeat, random play, and 16-track programming; double cassette deck with high-speed dubbing; AM/FM tuner; two speakers. Tone control; LED indicators. Output power 2 W x 2 rms. 22 1/2 x 7 1/2 x 8 1/2 in; 7.5 lb \$149

RCD830 Portable CD System

Top-load CD player with 2 repeat modes and 16-track programming; cassette deck; AM/FM tuner; two speakers. Tone control; LED indicators. Output power 2 W x 2 rms. 18% x 7 1/2 x 8 1/2 in; 7.5 lb \$119

SANSUI

CD390M 5-Disc CD Changer

8x oversampling, dual 16-bit D/A converters, 5-disc carousel. 30-track programming; random/repeat play; track skip/scan; synchro play with compatible cassette decks; auto space; remote control. FR 5-20,000 Hz; THD 0.03%; S/N 95 dB; dynamic range 95 dB. 17 x 5 x 15 in; 12 lb \$200

SHARP

MD-M11 Portable MD Player/Recorder

Features 10-second antishock buffer; 3-beam laser pickup. Analog and fiber-optic digital inputs and outputs; mic input. Edit functions including MOVE, ERASE, DIVIDE, and COMBINE; 21-character lower-and-upper-case alphanumeric title, artist, track, and message labeling; 3 bass-boost settings; scrolling LCD. Records for 2 hrs or plays for 2.5 hrs with included rechargeable battery. Includes headphones, rechargeable battery, and AC power adaptor. Battery case to extend record time to 6 hrs and playback time to 9 hrs with AA batteries optional. FR 20-20,000 Hz ± 3 dB. 3 1/4 x 1 1/4 x 4 1/4 in; 10.6 oz \$800

SHERWOOD

CD-5030R 5-Disc CD Changer

1-bit D/A converter, 5-disc front-loading carousel. Features 3-beam laser pickup. Headphone jack with volume control. Delete play; intro scan; tape edit; 32-track programming; 2 random-play modes; 7 repeat modes; synchro play with compatible cassette decks; timer play; Digi-Link III component-interface system; music calendar; FL display; remote control. FR 20-20,000 Hz ± 0.5 dB; S/N 104 dBA; dynamic range 96 dB; ch sep 100 dB. 17 1/2 x 5 x 15 in \$275

CD-3030R CD Player

1-bit D/A converter. Features 3-beam laser pickup. Headphone jack with volume control. Delete play; intro scan; tape edit; 20-track programming; 2 random-play modes; 5 repeat modes; synchro play with compatible cassette decks; timer play; Digi-Link III component-interface system; music calendar; FL display; remote control. FR 20-20,000 Hz ± 0.5 dB; S/N 100 dBA; dynamic range 95 dB; ch sep 100 dB. 17 1/2 x 4 1/4 x 9 1/4 in \$195

SONY

ES Series

CDP-707ES CD Player

8x oversampling. Features digital servo control; dual transformer power supply; spindle motor with sapphire bearing; antijitter circuitry; ceramic isolation feet; stable lock transport system. Coaxial digital output. 20-track programming; 6 play modes; 8 repeat modes. FR 2-20,000 Hz ± 0.3 dB; THD 0.0015%; S/N 119 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 13 1/2 in; 32.2 lb \$2,000

CDP-X801ES 5-Disc CD Changer

8x oversampling. Features dual transformer power supply. 7 DSP sound fields with variable EQ and reverb; 7 play modes; 8 repeat modes; 32-track programming; 20-track music calendar. FR 2-20,000 Hz ± 0.3 dB; THD 0.0025%; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 15 1/2 in \$770

CDP-X303ES CD Player

8x oversampling. Features digital servo control; linear drive motor; antijitter circuitry; zinc isolation feet; stable lock transport system. 20-track programming; 7 play modes; 8 repeat modes. FR 2-20,000 Hz ± 0.3 dB; THD 0.0017%; S/N 118 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 14 1/2 in; 25.2 lb \$730

CDP-X701ES 5-Disc CD Changer

8x oversampling. Features dual transformer power supply. 7 DSP sound fields with variable EQ and reverb; 8 play modes; 8 repeat modes; 32-track programming; 20-track music calendar. FR 2-20,000 Hz ± 0.3 dB; THD 0.0023%; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 15 1/2 in \$570

CDP-X90ES 10-Disc CD Changer

8x oversampling. Features noise shaping circuitry; servo stabilizer circuit. 7-way repeat; 32-track programming; 20-track music calendar; fader. FR 2-20,000 Hz ± 0.3 dB; THD 0.0025%; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 15 1/2 in; 20 lb \$520

CDP-X601ES 5-Disc CD Changer

8x oversampling. 7 play modes; 8 repeat modes; 32-track programming; 20-track music calendar. FR 2-20,000 Hz ± 0.3 dB; THD 0.0025%; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 18 1/2 x 14 1/2 in; 25.2 lb \$420

CDP-X202ES CD Player

8x oversampling. Features digital servo control; antijitter circuitry. 20-track programming; 7 play modes; 8 repeat modes. FR 2-20,000 Hz ± 0.3 dB; THD 0.0023%; S/N 117 dB; dynamic range 100 dB; ch sep 110 dB. 4 1/2 x 17 x 13 1/2 in; 12.8 lb \$420

CD Changers

CDP-CX100 100-Disc CD Changer

100-disc internal storage. Fiber-optic digital output; gold-plated variable line-level output. Memory for deletions and output levels; direct track access; 20-track music calendar. FR 20-20,000 Hz ± 0.3 dB; THD 0.0025%; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 15 x 17 x 15 1/2 in; 22.8 lb \$900

CDP-CX151 100-Disc CD Changer

Hybrid pulse D/A converter. Fiber-optic digital output. Jog dial for disc selection; 5 repeat modes; 5 play modes; disc memo \$900

CDP-C910 10-Disc CD Changer

High-density linear D/A converter, 10-disc magazine. 184-disc custom file for memory, level and program; 20-key track selection; random play; 7 repeat play modes; peak search; remote control \$480

CDP-C745 5-Disc CD Changer

Pulse D/A converter. Features digital servo control, fiber-optic digital output; variable line-level output; headphone jack with volume control. Ability to change 4 discs while 5th plays; 5 DSP sound fields; 170-disc music classification system; 170-disc custom file; edit navigation; 5-key disc selection; 20-track music calendar; 6 repeat modes; 6 play modes; time, program and link edit; 3-mode music scan; peak search; variable manual fader; timer switch; multiple-disc program; full FL display; remote control. FR 20-20,000 Hz ± 0.5 dB; THD 0.0040%; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 5 x 17 x 15 1/2 in; 14.3 lb \$430

CDP-C545 5-Disc CD Changer

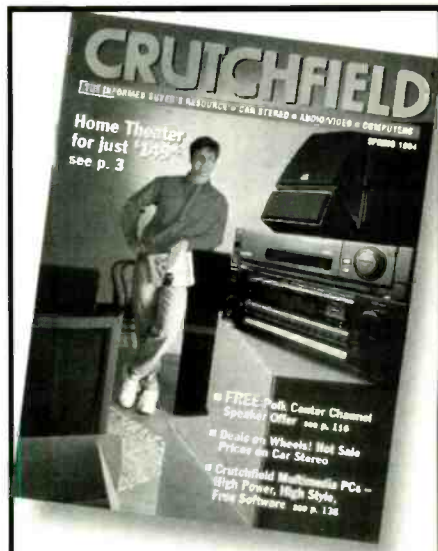
Pulse D/A converter. Features digital servo control. Fiber-optic digital output; headphone jack with volume control. Ability to change 4 discs while 5th plays; 170-disc classification system; time, program, and link edits; 3 scan modes; variable manual fader; 170-disc memory; peak search; direct track/disc access; 6 repeat modes; random play; 20-track music calendar; FL display; remote control \$350

CDP-C445 5-Disc CD Changer

Pulse D/A converter. Features digital servo control. Fiber-optic digital output; headphone jack with volume control. Ability to change 4 discs while 5th plays; 170-disc delete bank; direct track/disc access; 20-track music calendar; 6 repeat modes; 6 play modes; time, program, and link edit; 3-mode music scan; peak search; variable manual fader; multiple-disc program; FL display; remote control. FR 20-20,000 Hz ± 0.5 dB; THD 0.0040%; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 5 x 17 x 15 1/2 in; 12.5 lb \$330

CDP-C345 5-Disc CD Changer

Pulse D/A converter. Features digital servo control. Ability to change 4 discs while 5th plays; direct track/disc access; 20-track music calendar; 6 repeat modes; 6 play modes; time, program, and link edit; 3-mode music scan; peak search; variable manual fader; multiple-disc program; FL display; remote control.



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CDP-C245. As CDP-C345, without time, program, or link edit or remote control. \$250

CD Players

CDP-K1A Karaoke CD Player

8x oversampling. Features 18-bit digital filter. Right- and left-channel mic inputs. Vocal reduction circuit; pitch control; 20-track music calendar; 12-key track selection; program edit; manual fader on remote; remote control \$350

CDP-315 CD Player

Pulse D/A converter. Features digital servo control. Fiber-optic digital output; headphone jack with volume control. Direct track access; peak search; fader; 3-mode music scan; 3 play modes; 4 repeat modes; time/program edit; time fade; 20-track music calendar; remote control. FR 20-20,000 Hz ± 0.5 dB; THD 0.0045%; S/N 100 dB; dynamic range 98 dB; ch sep 95 dB. 4 x 17 x 11 1/2 in. \$200
CDP-215. As above, without fiber-optic output or remote control \$180

MD Components

MDS-501 MD Player/Recorder

1-bit A/D converter, hybrid pulse D/A converter. Analog and fiber-optic digital inputs and outputs. 25-track programming; random play; 3 repeat modes; music scan; auto space; date function; title input for disc and track; 3 erase modes; edit functions; record level control; remote control. FR 5-20,000 ± 0.3 dB; S/N 96 dB. 3 1/2 x 17 x 13 1/2 in. \$1,000

ZS-M1 Tabletop MD Deck/Tuner

MD player/recorder with random access and table-of-contents edit; AM/FM tuner with digital synthesis, 12AM/12 FM presets, and scan tuning; amp rated at 12.5 W x 2; two 3 1/2-in speakers; remote control. Fiber-optic digital input and output; analog mini-jack input and output; headphone jack; digital clock/timer; backlit LCD. 18 1/2 x 5 1/2 x 7 1/2 in. \$900

MDS-101 MD Player/Recorder

1-bit A/D converter, hybrid pulse D/A converter. Fiber-optic digital input and output; analog line-level input and output; mic input. Features 10-second buffer memory. Title display; title input; date function; digital peak meters; random/repeat play; COMBINE, DELETE, SWAP, and ERASE edit functions. FR 5-20,000 ± 0.3 dB; S/N 98 dB. 3 x 9 x 11 in. \$800

MZ-R2 Portable MD Player/Recorder

10-second antishock buffer memory. Fiber-optic digital input; line-level input and output; headphone jack; mic input. Track-mark editing; auto record gain control; auto volume-limiter system; bass boost; battery-life indicator; LCD with disc-name, track-name, and operation displays. Operates for 6.5 hrs with 3 AA batteries and included rechargeable battery. Includes headphones with remote control, AC adaptor, carrying case, and blank disc. FR 20-20,000 ± 1 dB; S/N 88 dB. 3 1/2 x 1 1/2 x 4 1/2 in. \$750

MZ-E2 Portable MD Player

Features 10-second antishock buffer memory. Headphone jack. Battery-life indicator; auto volume-limiter system; bass boost; disc-name, track-name, and operation displays on LCD remote control. Operates for 7.5 hrs on 3 AA batteries and included rechargeable battery. Includes headphones with LCD remote control, AC adaptor, carrying case, and interconnect cable. Car accessories optional. FR 20-20,000 Hz ± 1 dB; S/N 88 dB. 4 1/4 x 3/4 x 3 in. \$550

Combi-Players

MDP-800 Combi-Player

8x oversampling. Plays CDs and videodiscs. 45-bit digital filter; digital time-base correction; 8-bit digital video memory; digital comb filter; digital dropout compensation; picture enhancement. Mic input with volume and echo karaoke controls; 2 S-video outputs; 2 analog A/V outputs; fiber-optic digital output; headphone jack with volume control. Dual-side play;

videodisc digest mode for 1.5x and 2x normal speed scanning with intelligible sound; still-picture and frame-by-frame advance; clear scan; frame/time search; multiple-disc playback; digital picture call; remote control. FR 4-20,000 Hz ± 0.3 dB; S/N 115 dB; dynamic range 99 dB. Dimensions: 4 1/4 x 17 x 16 1/2 in. \$1,199

MDP-750 Combi-Player

8x oversampling. Plays CDs and videodiscs. Features 45-bit digital filter; digital time-base correction; 8-bit digital video memory; digital comb filter. Mic input with volume and echo karaoke controls; 2 S-video outputs; 2 analog A/V outputs; fiber-optic digital output; headphone jack with volume control. Dual-side play; videodisc digest mode for 1.5x and 2x normal speed scanning with intelligible sound; still-picture and frame-by-frame advance; clear scan; frame/time search; multiple-disc playback; remote control. FR 4-20,000 Hz ± 0.3 dB; S/N 115 dB; dynamic range 99 dB. 4 1/4 x 17 x 17 in; 22 lb \$899

MDP-600 Combi-Player

8x oversampling. Plays CDs and videodiscs. Features 45-bit digital filter; digital time-base correction. Mic input with volume and echo karaoke controls; 1 S-video output; 2 analog A/V outputs; fiber-optic digital output; headphone jack with volume control. Dual-side play; still-picture and frame-by-frame advance; clear scan; frame/time search; multiple-disc playback; remote control. FR 4-20,000 Hz ± 0.3 dB; S/N 115 dB; dynamic range 99 dB. 4 1/2 x 17 x 16 1/2 in; 21.9 lb. \$799

MDP-500 Combi-Player

1-bit D/A converter. Plays CDs and videodiscs. S-video output; 2 audio outputs. Dual-side play; still-picture and frame-by-frame advance; clear scan; frame/time search; remote control. FR 4-20,000 Hz ± 0.3 dB; S/N 115 dB; dynamic range 99 dB. 4 1/2 x 17 x 16 1/2 in. \$599

Portable CD Systems

CFD-768 Portable CD System

Features CD player with 8x oversampling and 16-track programming; double cassette deck with 2-speed dubbing and autoreverse; digital AM/FM tuner; 4-band EQ; 4.5 W x 2 amp; two 2-way speakers. Bass boost; clock/timer; 5 sound mode patterns; remote control. Operates on 10 D batteries. \$390

CFD-758 Portable CD System

Features front-loading CD player with 8x oversampling and 16-track programming; double cassette with 2-speed dubbing; digital AM/FM tuner; 10 W x 2 amp; two 2-way speakers. Bass boost; clock/timer; 5 sound mode patterns; remote control. Operates on 10 D batteries \$350

CFD-610 6-Disc Portable CD System

Features 6-disc CD changer with 8x oversampling and 34-track programming; cassette deck; AM/FM tuner; 4-band EQ; 4.5 W x 2 amp; two 2-way speakers. Bass boost; 4 sound mode patterns; remote control. Operates on 10 D batteries. \$340
CFD-600. As above, amp rated at 2.3 W x 2. \$320

CFD-970 Portable CD System

Features CD player with 8x oversampling, 34-track programming; cassette deck; AM/FM tuner; 2.3 W x 2 amp. Bass boost. Operates on 8 D batteries. \$280

CFD-560 Portable CD System

Features CD player with 2x oversampling and 16-track programming; double cassette deck with 2-speed dubbing; AM/FM tuner; 4-band EQ; 4.5 W x 2 amp; two 2-way speakers. Bass boost; remote control. Operates on 8 D batteries. \$250

CFD-540 Portable CD System

Features CD player with 8x oversampling and 34-track programming; double cassette deck with 2-speed dubbing; AM/FM tuner; 3-band EQ; 2.3 W x 2 amp; two 2-way speakers. Bass boost. Operates on 8 D batteries \$220

CFD-445 Portable CD System

Features CD player with 8x oversampling and 34-track programming; cassette deck; AM/FM tuner; 3-band EQ; 2.3 W x 2 amp. Bass boost. Operates on 6 D batteries. \$220

CFD-520 Portable CD System

Features CD player with 8x oversampling and 34-track programming; cassette deck; AM/FM tuner; 3-band EQ; 2.3 W x 2 amp; two 2-way speakers. Bass boost. Operates on 8 D batteries. \$190

CFD-110 Portable CD System

Features CD player with 8x oversampling and 34-track programming; double cassette deck with 2-speed dubbing; AM/FM tuner; 2.3 W x 2 amp. Bass boost. Operates on 6 D batteries. \$190

CFD-510 Portable CD System

Features CD player with 8x oversampling and 34-track programming; cassette deck; AM/FM tuner; 3-band EQ; 2.3 W x 2 amp; two 2-way speakers. Bass boost. Operates on 8 D batteries. \$180

CFD-31 Portable CD System

Features CD player with 8x oversampling and 16-track programming; autoreverse cassette deck; AM/FM tuner; 2.3 W x 2 amp. Bass boost. Operates on 6 D batteries. \$180

CFD-21 Portable CD System

CD player with 8x oversampling and 16-track programming; cassette deck; AM/FM tuner; 2.3 W x 2 amp. Bass boost. Operates on 6 D batteries. \$175

CFD-12 Portable CD System

Features CD player with 8x oversampling, 34-track programming; cassette deck; AM/FM tuner; 2.3 W x 2 amp. Bass boost. Operates on 6 D batteries. \$155

CFD-8 Portable CD System

Features CD player with 8x oversampling; cassette deck; AM/FM tuner; 2.3 W x 2 amp. Operates on 6 D batteries. \$128

Portable CD Players

The following feature 1-bit D/A conversion.

D-335 Portable CD Player

Features 6-second antishock buffer memory. Fiber-optic digital output. AC and DC backlit LCD; resume play. Operates on 2 AA batteries for 9 hrs; NiMH battery \$350

D-421SP Portable CD Player

Features 3-second antishock buffer memory; DSP mode; sports hydro-suspension system; resume play. Operates on 2 AA batteries for 6 hrs. \$345

D-828K Portable CD Player

Features 3-second antishock buffer memory; hydro-suspension system. DSP mode; dual illumination; surround mode; bass boost; resume play; intro scan; backlit LCD; remote control. Includes car accessories. Operates on 2 AA batteries for 5.5 hrs \$330
D-826K. As above, without buffer memory \$280
D-824K. As D-826K, without remote or buffer memory \$260

D-830K Portable CD Player

3-second antishock buffer memory. Bass boost; resume play; intro scan; backlit LCD. Includes car accessories. Operates on 2 AA batteries for 9 hrs. \$240

D-235CK Portable CD Player

Features 3-second antishock buffer memory; backlit LCD. Includes car accessories. Operates on 2 AA batteries for 9 hrs \$220

D-232 Portable CD Player

3-second antishock buffer memory. Operates on 2 AA batteries for 9 hrs; rechargeable battery \$190

D-137CR Portable CD Player

Remote control. Operates on 2 AA batteries for 8 hrs; rechargeable battery \$170

D-132CK Portable CD Player

Includes car accessories. Operates on 2 AA batteries for 8 hrs \$170

D-231 Portable CD Player

Features 3-second antishock buffer memory. Operates on 2 AA batteries for 9 hrs \$160

D-133 Portable CD Player

Features rechargeable battery. Operates on 2 AA batteries for 8 hrs \$150

D-131. Above without rechargeable battery ... \$140

SOTA

Vanguard CD Player

Dual 1-bit Bitstream D/A converters. Features CMOS channel separator external from D/A converters; separate power supplies for analog and digital sections; toroidal transformer for analog-section power supply; DC-coupled output stage; dual-mono analog circuits. Line-level input; fixed and variable analog outputs; fiber-optic and coaxial digital outputs; headphone jack with volume control. Track programming; adjustable display brightness; remote control. FR 20-20,000 Hz ± 0.2 dB; THD 0.002%; S/N 100 dBA; dynamic range 92 dB; ch sep 110 dB at 1,000 Hz. 19 x 3 1/4 x 12 in \$2,495

TEAC

VRDS-20 CD Player

1-bit Bitstream D/A conversion. Features double-differential D/A conversion; proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; triple-top-plate construction and rubber seat inserts for vibration damping; aluminum top, side, and front panels; copper plating for chassis and screws; 18-dB/oct Butterworth analog filter. ST fiber-optic digital output; coaxial and Toslink fiber-optic digital outputs; balanced XLR analog outputs; unbalanced output. 20-track conventional or delete programming; 3 repeat modes; auto fade in/out; FL display with remote-controllable dimmer; remote control. FR 1-20,000 Hz ± 0.3 dB; S/N 110 dB; dynamic range 99 dB; ch sep 110 dB. 19 1/2 x 5 1/4 x 13 1/2 in \$2,300

VRDS-10 CD Player

1-bit Bitstream D/A conversion. Features double-differential D/A conversion; proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; centered tray orientation; 18-dB/oct Butterworth analog filter; 3-beam laser pickup; brushless Hall motor; electronically balanced internal audio-signal transmission; proprietary servo system with low-pass filter; separated analog and digital circuitry; dual top plate with fabric inserted between layers; aluminum front panel. Coaxial and fiber-optic digital outputs. 20-track conventional or delete programming; 3 repeat modes; auto fade in/out; FL display with dimmer; remote control. FR 1-20,000 Hz ± 0.3 dB; S/N 110 dB; dynamic range 99

dB; ch sep 110 dB. 17 1/2 x 5 1/4 x 13 1/2 in \$1,250

VRDS-7 CD Player

1-bit Bitstream D/A conversion. Features double-differential D/A conversion; proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; proprietary servo system with low-pass filter; centered tray orientation; separated analog and digital circuitry; dual top plate with rubber seat inserted between layers; aluminum front panel. Coaxial and Toslink fiber-optic digital outputs. 20-track random or delete programming; 3 repeat modes; auto fade in/out; FL display with dimmer; remote control. FR 1-20,000 Hz ± 0.3 dB; S/N 110 dB; dynamic range 99 dB; ch sep 110 dB. 17 1/2 x 5 1/4 x 13 1/2 in; 19.8 lb \$1,000

CD-P4500 CD Player

1-bit Bitstream D/A conversion. Features centered tray orientation; proprietary servo system; 3-beam laser pickup; 18-dB/oct Butterworth analog filter. Fiber-optic digital output; 2 analog outputs; headphone jack with volume control. Tape edit; $\pm 12\%$ pitch control; 1-dB-step digital attenuator; synchro play with compatible cassette decks; 20-track programming; music calendar; 8-digit FL display; remote control. FR 0-20,000 Hz ± 0.1 dB; S/N 105 dB; dynamic range 98 dB; ch sep 104 dB. Dimensions: 17 1/2 x 4 3/4 x 11 1/4 in \$460

CD-P3500 CD Player

1-bit Bitstream D/A conversion. Features centered tray orientation; 3-beam laser pickup; 18-dB/oct Butterworth analog filter. Coaxial digital output; headphone jack. 1-dB-step digital attenuator; 20-track programming; 4 repeat modes; 8-digit FL display; remote control. FR 1-20,000 Hz ± 0.5 dB; S/N 104 dB; dynamic range 98 dB; ch sep 102 dB. 17 1/2 x 4 3/4 x 10 1/2 in \$340

PD-435 CD Player

8x oversampling, dual 16-bit D/A converters. Features 3-beam laser pickup. 20-track programming; 2 repeat modes; 4-digit LED display; remote control. FR 5-20,000 Hz ± 1 dB; S/N 100 dB; dynamic range 92 dB; ch sep 85 dB. 17 1/2 x 3 3/4 x 11 1/4 in \$189

TECHNICS

SL-PD1000 5-Disc CD Changer

1-bit MASH D/A conversion, 5-disc front-loading carousel. Features digital memory reserve system for 5-second disc-to-disc changing; bidirectional platter; digital servo system. Fiber-optic digital output. Ability to change 4 discs while one plays; ID scan; random play; tape edit; 32-track programming; remote control \$330

SL-PD967 5-Disc CD Changer

1-bit MASH D/A conversion, 5-disc front-loading carousel. Features digital servo system; bidirectional platter. Ability to change 4 discs while one plays; ID scan; random play; tape edit; 32-track programming;

remote control \$270

SL-PD867 5-Disc CD Changer

1-bit MASH D/A conversion, 5-disc front-loading carousel. Features digital servo system; bidirectional platter. Ability to change 4 discs while one plays; ID scan; random play; tape edit; 32-track programming; remote control \$250

SL-PC667 5-Disc CD Changer

1-bit MASH D/A conversion, 5-disc front-loading carousel. Features digital servo system; bidirectional platter. Ability to change 4 discs while one plays; ID scan; random play; 32-track programming; remote control \$220

SL-PG440 CD Player

Four 1-bit MASH D/A converters. Features digital servo system. Headphone jack with volume control. Peak search; tape edit; random play; FL display with music calendar; remote control. S/N 100 dB ... \$190

SL-PG340 CD Player

Four 1-bit MASH D/A converters. Features digital servo system. Peak search; tape edit; random play; FL display with music calendar; remote-control compatibility with Technics receivers. S/N 100 dB. \$170

YAMAHA

CDV-300K Karaoke Combi-Player

Plays multiplex and stereo karaoke discs, CDs, and videodiscs. 2 mic inputs; aux jacks. CLUB and HALL surround modes; balance control for music and original vocals; auto original-vocal muting upon user singing; karaoke processor with inputs for other sources; 17-step key control; 17-step digital echo; settings memory; shuttle search; picture-sharpness control; 20-chapter/track programming; random play; 3 repeat modes; on-screen displays; remote control. S/N 100 dB; dynamic range 96 dB. Dimensions: 17 1/2 x 5 1/4 x 16 1/4 in \$899
YMK-305PRO. Mic for above with key control . \$139

CDV-870 Combi-Player

Plays CDs and videodiscs. Features all-digital picture processing; Yamaha system remote-control compatibility; switchable CX NR; digital time-base control; color-drop-out correction. Fiber-optic digital output. Switchable screen saver; 15-chapter/track programming; 10 forward/reverse speeds; shuttle search; 3 repeat modes; CD peak search; freeze frame; single-frame advance; track skip/scan; frame or track-memory search; movie scan; auto Dolby-level adjustment; on-screen menu displays; Yamaha system remote-control compatibility; remote. . . \$749

CDC-845 5-Disc CD Changer

PDM D/A converters, 5-disc carousel. Features Class A current buffer amp; digital servo; time-base corrector. Fiber-optic digital output; gold-plated variable analog output; gold-plated headphone jack. Ability to change 4 discs while 5th plays; 100-disc program memory; 40-track programming; tape edit; intro scan; index search; random play; 4 repeat modes; peak search; synchro play with compatible cassette decks; 3 display-intensity modes; system remote-control compatibility; remote control. FR 2-20,000 Hz ± 0.3 dB; THD 0.002%; signal-to-noise ratio 118 dB; dynamic range 100 dB. Dimensions: 17 1/2 x 4 1/4 x 15 1/4 in \$499

CDC-745. As above, without Class A current buffer amp. Analog output and headphone jack not gold plated. FR 2-20,000 Hz ± 0.5 dB; THD 0.0025%; S/N 115 dB \$399

CDC-645 5-Disc CD Changer

PDM D/A converter, 5-disc carousel. Variable analog output; headphone jack. Ability to change 4 discs while 5th plays; synchro play with compatible cassette decks; intro scan; index search; 20-track programming; random play; 2 repeat modes; 3 display-intensity modes; system remote-control compatibility; remote control. FR 2-20,000 Hz ± 0.5 dB; THD 0.003%; S/N 106 dB; dynamic range 98 dB. 17 1/2 x 4 1/4 x 15 1/4 in \$299



Teac VRDS-20

ARCAM

Delta 100 3-Head Cassette Deck

Dolby B, C, X. Features 3 motors. Auto tape-bias selector; program search; bias and record-level controls; peak-reading level meters; real-time counter; remote controllable via System Remote Control. FR 20-20,000 Hz ± 3 dB high bias; S/N 88 dB Dolby S, 66 dB no NR; W&F 0.04% wrms \$1,800

BANG & OLUFSEN

Beocord 7000 Cassette Deck

Dolby B, C, HX Pro. Integrates with Beosystem 7000. Features sendust head. Autoreverse; auto track search; auto dynamic recording-level control; transport opening by touching front panel. S/N (high bias) 65 dB Dolby B, 74 dB Dolby C; W&F 0.09% wrms. 1 1/2" x 3 x 1 1/4"; 18.7 lb \$1,250

CARVER

TDR-1550 Cassette Deck

Dolby B, C, HX Pro. Features PC-OCC-coil metal-alloy record/play head; double-gap ferrite erase head. Headphone jack with volume control. Autoreverse; real-time counter; peak-level meters; timer record; remote control. FR 40-18,000 Hz high bias; S/N 73 dB metal; W&F 0.06%. 19 x 5 1/4 x 1 1/4 in; 12 lb \$500

DENON

The following feature Denon IS-system remote-control compatibility, enabling one remote to control an entire Denon system.

DRM-740 3-Head Cassette Deck

Dolby B, C, HX Pro. Features 3 motors; die-cast aluminum headbase; closed-loop dual-capstan design; non-slip reel drive; metal top and side panels. Full-logic controls; bias control; auto tape-bias selector; record return; program search; synchro record with compatible CD players; output-level control; 4-digit linear counter; FL display with peak-level meters and peak hold \$400

DRS-640 Cassette Deck

Dolby B, C, HX Pro. Features horizontal cassette loading; ceramic-composite cassette stabilizer; non-slip reel drive; all-metal top and side panels. Full-logic controls; synchro record with compatible CD players; bias control; auto tape-bias selector; program search; record return; remaining-time display; 4-digit linear counter; output-level control; FL display with peak-level meters \$300
DRS-810, 3-head version of above. Features closed-loop dual-capstan design; die-cast aluminum headbase; 3 motors; peak hold display \$500

DRR-730 Cassette Deck

Dolby B, C, HX Pro. Features non-slip reel drive. Autoreverse via head rotation; full-logic controls; bias control; auto tape-bias selector; record return; program search; output-level control; 4-digit counter with memory stop; FL display with peak-level meters \$300

DRW-660 Double Cassette Deck

Dolby B, C, HX Pro. Features one transport record/play, other play-only; autoreverse via rotating head for both transports; 2-tape sequential play; normal/high-speed dubbing; program search; synchro record with compatible CD players; bias control; auto tape-bias selector; 4-digit counter with memory stop; FL display with peak level meters \$300

DRW-840, As above, record/play capability for both transports. Features 2-tape simultaneous or relay record; non-slip reel drive and 2 motors for each transport \$400

DRM-540 Cassette Deck

Dolby B, C, HX Pro. Features non-slip reel drive; metal top panel. Full-logic controls; bias control; auto tape-bias selector; record return; program search; synchro record with compatible CD players; FL display with peak-level meters \$250



FISHER

CR-W983 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full logic and autoreverse for both transports; synchro high-speed dubbing; 2-tape sequential play; L/R record-level controls; auto tape-bias selector; timer standby; two 5-segment LED level meters; control via Fisher receiver remote controls \$180

CR-W683 Double Cassette Deck

Dolby B. Headphone jack. Autoreverse for one transport; synchro high-speed dubbing; 2-tape sequential play; L/R record-level controls; auto tape-bias selector; two 5-segment LED level meters \$130

HARMAN KARDON

DC5300 Double Cassette Deck

Dolby B, C. Features one transport record/play, other play-only; hard-Permalloy heads. Autoreverse; synchro normal/high-speed dubbing; bias control; edit mode; linear counter. FR 20-17,000 Hz ± 3 dB \$569

TD4400 Cassette Deck

Dolby B, C, HX Pro. Features solenoid transport; isotropic heads. Bias control; switchable MPX filter; program search; intro scan; record mute; auto tape-bias selector; linear counter. Frequency response 20-20,000 Hz ± 3 dB \$469

TD4200 Cassette Deck

Dolby B, C. Features solenoid transport; hard-Permalloy heads. Bias control; switchable MPX filter; record mute; auto tape-bias selector; linear counter. FR 20-20,000 Hz ± 3 dB metal \$349

JVC

TDV661TN 3-Head Cassette Deck

Dolby B, C, HX Pro. Features closed-loop dual-capstan drive with direct-drive motor; computer-controlled full logic; cassette-shell stabilizer; aluminum front panel; centered transport orientation; PC-OCC head-coil wiring; powered cassette door; built-in record oscillator; MPX filter. CD-direct input; headphone jack with volume control. Bias and level controls; input-balance control; auto record mute; program scan; auto tape-bias selector; timer record/play; FL peak display, level meters, and 4-digit linear counter; CompuLink compatibility \$420

TDW709TN Double Cassette Deck

Dolby B, C, HX Pro for both transports. Features record/play for both transports; computer-controlled full logic; cassette-shell stabilizer in both transports. Mic input; headphone jack. Autoreverse for both transports via turning play heads; 2-tape simultaneous record; 3-hr 2-tape sequential recording; independent Dolby B/C selection for each transport; 2-tape sequential play; synchro high-speed dubbing; auto record mute; program scan; auto tape-bias selector; pitch control; mic mixing; input-balance control; FL level meters and 4-digit linear counter for both transports; CompuLink remote compatibility \$350

TDW309TN, As TDW709TN, one record/play transport, other play-only. Tape counter not linear. No input-balance control \$280

TDR461TN Cassette Deck

Dolby B, C, HX Pro. Features computer-controlled full logic; cassette-shell stabilizer; powered cassette door. CD-direct input; headphone jack. Autoreverse via turning head; bias control; auto record mute; program scan; timer record/play; auto tape-bias selector; input-balance control; FL level meters; FL 4-digit linear counter switchable to peak display; CompuLink remote-control compatibility \$280

TDW315TN Double Cassette Deck

Dolby B, C, HX Pro. Features record/play for one transport, play-only for other; computer-controlled full logic; cassette-shell stabilizer in both transports. Headphone jack. Autoreverse for both transports via turning play heads; 2-tape sequential play; synchro high-speed dubbing; FL level meters and 4-digit counter for both transports; auto record mute; program scan; auto tape-bias selector; CompuLink remote-control compatibility \$260
TDW209TN, As above, autoreverse for one transport. No cassette-shell stabilizers or program search \$230
TDW215TN, As TDW209TN, no autoreverse \$200

KENWOOD

KX-W8060 Double Cassette Deck

Dolby B, C, HX Pro for both transports. Gold-plated headphone jack. Record/play for both transports; autoreverse and full-logic control for both transports; auto-bias setting for one transport; 2-tape simultaneous/sequential recording; 2-tape sequential play; high-speed dubbing; high-speed CD-to-tape dubbing with compatible CD players; 16-track program search; track repeat; index scan for one transport; one-touch record with compatible CD players; switchable MPX filter; auto tape-bias selector; timer record/play; FL record-level meters; 2 FL linear tape counters; system remote-control compatibility \$299

KX-W6060 Double Cassette Deck

Dolby B, C, HX Pro. Gold-plated headphone jack. Record/play for one transport, play-only for other; full-logic and autoreverse for both transports; auto/manual bias setting; high-speed tape dubbing; switchable MPX filter; one-touch record with compatible CD player; 16-track program search; track repeat; index scan; auto tape-bias selector; 2-tape sequential play; record level and balance controls; timer record/play; FL record-level meters; 2 FL tape counters; system remote-control compatibility \$219
KX-W4060, As above, without auto/manual bias control. Auto MPX filter \$199

KX-W1060 Double Cassette Deck

Dolby B. Mechanical logic for both transports; tape dubbing; auto tape-bias selector for both transports; LED record-level meters \$99

LUXMAN

K-373 3-Head Cassette Deck

Dolby B, C, HX Pro. Features record and play heads with hard-Permalloy cores; independent power-signal paths for audio and other sections; die-cast aluminum base; demagnetizer; polymer-sorbothane cassette stabilizer; line-phase sensor; STAR circuitry; switchable MPX filter. Mic input; system bus connection. Bias control; record return; program search; blank search/skip; auto scan; synchro record with compatible CD players; timer record/play; display with dimmer; linear FL counter. FR 15-21,000 Hz high bias; S/N (high bias) 66 dB Dolby B, 74 dB Dolby C, 58 dB no noise reduction; W&F 0.045%. Black or champagne \$750

MAGNAVOX

DCC600 DCC Deck

1-bit Bitstream D/A conversion. Headphone jack with volume control. Analog-cassette compatibility; direct

track access; 12-character display of album title, song title, and artist name; remote control. FR 20-20,000 Hz DCC, 40-16,000 Hz analog high-bias. 17 1/2 x 4 1/2 x 1 1/2 in; 14 lb\$700

MARANTZ

DD-92 DCC Deck

18-bit Delta-Sigma A/D conversion, dual 1-bit Bit-stream PDM D/A converters. Features copper-plated chassis with die-cast side panels; motor-driven volume control. Fixed and variable analog outputs; fiber-optic and coaxial digital inputs and outputs. Analog-cassette playback compatibility with Dolby B and C NR; album-title, artist-name, song-title, elapsed-time, and remaining-time prerecorded-DCC displays; 5 programmable recording markers; intro scan; blank skip; synchro record with compatible CD players; repeat; auto analog tape-bias selection; FL display. Sampling rates 32,000, 44,100, and 48,000 Hz; FR 10-20,000 Hz ± 0.2 dB DCC with 44,100 Hz rate, 20-18,000 Hz ± 3 dB analog; THD 0.003% DCC; S/N 59 dB analog with no NR, 103 dB DCC; dynamic range and ch sep 100 dB DCC. 17 1/2 x 5 1/4 x 14 1/4 in; 30 lb\$699

DD-82. As above, chassis not copper plated with die-cast side panels. S/N 101 dB DCC; THD 0.0035% DCC. 16 1/2 x 5 1/4 x 14 1/4 in; 26 lb\$599

SD-72 3-Head Cassette Deck

Dolby B, C, switchable HX Pro. Features dual-capstan closed-loop metal-alloy transport with 2 rotary motors and 1 linear motor; cast-alloy transport; cassette stabilizer in door; record and play heads with PC-OCC wiring; dual-gap ferrite erase head. RC-5 system remote-control jacks. Variable bias control; variable Dolby calibration control; peak memory; digital FL peak-level indicator; remote control. FR 15-20,000 Hz ± 3 dB high bias; S/N (high bias) 62 dB no NR, 72 dB Dolby B, 82 dB Dolby C; W&F 0.03%. 17 1/2 x 6 x 14 in\$599

SD-725 Double Cassette Deck

Dolby B, C HX Pro. Features record/playback for both transports; photo-sensor end-of-tape detection. Autoreverse and microprocessor full-logic control for both transports; 2-tape simultaneous/sequential record; intro scan and blank skip for both transports; switchable MPX filter; peak memory; FL peak-level display; remote control. FR 20-18,000 Hz ± 3 dB high bias no NR; S/N (high bias) 59 dB no NR, 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17 1/2 x 4 1/2 x 11 1/4 in\$599

SD-535 Double Cassette Deck

Dolby B, C, HX Pro. Features record/playback for one transport, playback-only for other; photo-sensor end-of-tape detection; DC capstan and reel motors. RC-5 system remote-control jacks; headphone jack with level control. Autoreverse and microprocessor full-logic for both transports; repeat; synchro record with compatible CD players; normal/high-speed dubbing; digital tape counter; digital peak-level indicator; remote control. FR 40-17,000 Hz ± 3 dB high bias no NR; S/N (high bias) 60 dB no NR, 70 dB Dolby B, 80 dB Dolby C; W&F 0.06% wrms. 16 1/2 x 5 1/4 x 12 in\$349

SD-63 3-Head Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record and playback heads; double-gap ferrite erase head; alloy flywheel. RC-5 system remote-control jacks. Microprocessor-controlled logic; switchable MPX filter; bias, record-level, and record-balance controls; synchro record with compatible CD players; FL display; remote control. FR 20-17,000 Hz ± 3 dB high bias no NR; S/N (high bias) 58 dB no NR, 68 dB Dolby B, 78 dB Dolby C; W&F 0.05%. Dimensions: 16 1/2 x 5 1/2 x 12 in\$349

SD-62 3-Head Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record and playback heads with OFC wiring; dual-gap erase head; alloy flywheel; microprocessor transport control. RC-5 system remote-control jacks. Auto source/monitor mode switching; adjustable bias; intro scan; synchro record with compatible CD players;

record level and balance controls; real-time counter. FR 20-19,000 Hz ± 3 dB high bias no NR; S/N (high bias) 61 dB no NR, 71 dB Dolby B, 81 dB Dolby C; W&F 0.04%. 16 1/2 x 5 1/4 x 12 in\$349

Slim Series

Slim Series components offer the operating conveniences of a rack system with a single remote control when used together.

SD-1020 Cassette Deck

Dolby B, C, HX Pro. Features horizontal motor-driven tray; metal-alloy record/play head; dual-gap ferrite erase head; DC-servo-controlled capstan and reel drives. Autoreverse; intro scan; timer record/play; remote control. FR 30-18,000 Hz high bias, no NR; S/N (high bias) 58 dB no NR, 68 dB Dolby B, 78 dB Dolby C; W&F 0.1%. 16 x 6 x 12 1/2 in; 10.1 lb\$399

NAD

Model 602 Cassette Deck

Dolby B, C, HX Pro. Full-logic controls. LED record-level meter. FR 35-16,000 Hz ± 3 dB; S/N 66 dB Dolby B, 76 dB Dolby C, 56 dB no NR; W&F 0.06%; 16 1/2 x 5 x 10 1/4 in; 9.8 lb\$299

NAKAMICHI

DR-1 3-Head Cassette Deck

Dolby B, C. Features multiregulated power supply; adjustable azimuth; dual capstans; DC-servo capstan motor; pressure-pad lifter; auto slack take-up; Integrated construction of head and playback amp. Gold-plated inputs and outputs. Switchable MPX filter; bidirectional auto search; adjustable bias; repeat; timer; record mute; output-level control; tape-bias selector with interlocked EO selection; FL display; 4-digit counter; system remote-control compatibility. FR 20-21,000 Hz ± 3 dB; S/N (metal) 66 dB Dolby B, 72 dB Dolby C; W&F 0.035% wrms; THD 0.8% metal. 17 x 4 x 12 1/2 in; 12 lb\$929

DR-2. As above, without adjustable azimuth, output-level control, or gold-plated connectors\$749

DR-3 Cassette Deck

Dolby B, C. Features DC-servo capstan motor, regulated power supply; pressure-pad lifter; auto slack take-up. switchable MPX filter; bidirectional auto search; adjustable bias; repeat; timer; record mute; tape-bias selector with interlocked EO selection; 4-digit counter; FL display; system remote-control compatibility. FR 20-20,000 Hz ± 3 dB; S/N (metal) 64 dB Dolby B, 70 dB Dolby C; W&F 0.06% wrms. 17 x 4 x 12 1/2 in; 14 lb\$429

ONKYO

The following feature Onkyo RI-system remote-control compatibility.

TA-R401 Cassette Deck

Dolby B, C, HX Pro. Features switchable MPX filter. Full-logic controls; autoreverse; auto tape-bias selector; synchro record with compatible CD players; program search; auto space; timer; single/block repeat; master and balance input controls; 4-digit electronic counter; FL display; peak-level indicator; remote control. FR 20-18,000 Hz high bias; W&F 0.07% wrms. 18 x 4 1/4 x 12 1/2 in; 11.2 lb\$385

TA-R301 Cassette Deck

Dolby B, C, HX Pro. Features switchable MPX filter. Headphone jack. Full-logic controls; autoreverse; synchro record with compatible CD players; auto tape-bias selector; block repeat; auto space; master and balance input-level controls; auto hold; FL display with peak-level indicator. FR 20-13,000 Hz high bias; W&F 0.07% wrms. Dimensions: 18 x 4 1/4 x 12 1/2 in; 11.2 lb\$299

TA-201 Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full-logic controls; synchro record with compatible CD players; auto tape-bias selector; full/block repeat; switchable auto spacing and MPX filter; input level and balance

controls; FL display with peak-level indicator; peak hold; remote control. FR 20-18,000 Hz high bias; W&F 0.07% wrms. 18 x 4 1/4 x 12 1/2 in; 11 lb\$249

Double Cassette Decks

Integra TA-RW909 Double Cassette Deck

Dolby B, C, HX Pro. Features record/play for both transports; 3 motors per transport; copper-plated chassis; powered cassette loading. Headphone jack with volume control. Autoreverse for both transports; full-logic controls; random play; repeat; 2-tape simultaneous/sequential record and sequential play; synchro record with compatible CD players; blank skip; programmable program search; high-speed dubbing; switchable auto space; auto tape-bias selector; input level and balance controls; LED peak meter; FL display; remote control. FR 20-18,000 Hz high bias; W&F 0.065% wrms. 18 x 5 1/4 x 4 1/4 in; 18.1 lb\$709

TA-RW505 Double Cassette Deck

Dolby B, C, HX Pro. Features record/play for both transports. Headphone jack. Full-logic controls; autoreverse for both transports; 2-tape simultaneous record and sequential play; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; high-speed dubbing; input level and balance controls; program search; repeat. FR 20-16,000 Hz high bias; W&F 0.07% wrms. 18 x 4 1/4 x 12 1/2 in; 12.5 lb\$409

TA-RW414 Double Cassette Deck

Dolby B, C, HX Pro. Features record/play for both transports. Headphone jack. Full-logic controls; autoreverse for both transports; program search; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; 2-tape sequential play; high-speed dubbing; input level control; FL peak level indicator. FR 20-16,000 Hz high bias; W&F 0.07% wrms. 18 x 4 1/4 x 12 1/2 in; 13.2 lb\$355

TA-RW313 Double Cassette Deck

Dolby B, C, HX Pro. Features one transport record/play, other play-only. Headphone jack. Full-logic controls; autoreverse for both transports; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; 2-tape sequential play; high-speed dubbing; input level control; LED peak level indicator. FR 20-16,000 Hz high bias; W&F 0.07% wrms. 18 x 4 1/4 x 12 1/2 in; 12.1 lb\$249

OPTIMUS BY RADIO SHACK

DCT-2000 DCC Deck

Features drawer loading. Fiber-optic and coaxial digital inputs; headphone jack with volume control. Autoreverse; analog-cassette playback compatibility with Dolby B and C noise reduction; 20-track programming; display for titles and artists from prerecorded DCCs\$500

SCT-5500 Double Cassette Deck

Dolby B. Mic and headphone jacks. 2-tape sequential play; normal/high-speed dubbing; auto tape-bias selector; 2 record-level meters; remote-control compatibility with system receiver remote controls\$150

SCT-86 Cassette Deck

Dolby B. Mic jacks. Normal/high-bias selector; pause; 2 record-level controls; 2 LED level meters; tape counter\$90

Professional Series

SCT-55 Double Cassette Deck

Dolby B, C, HX Pro. Features auto computerized FR adjustment to compensate for inferior recordings. Headphone jack. Autoreverse for both transports; 2-tape sequential play; normal/high-speed dubbing; program search; blank skip; synchro record with compatible CD players; auto tape-bias selector; FL display; remote-control compatibility with system receiver remote controls\$250

SCT-54 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for one transport; 2-tape sequential play; normal/high-speed dubbing; program search; blank skip; synchro record with

T A P E D E C K S

compatible CD players; auto tape-bias selector; FL display; remote-control compatibility with system receiver remote controls\$200

SCT-53 Double Cassette Deck
Dolby B. 2-tape sequential play; normal/high-speed dubbing; auto record-level control; auto tape-bias selector\$130

PHILIPS

The following feature Philips' Enhanced System Intelligence bus that enables interoperability among 900 Series components.

DCC900 DCC Deck
1-bit Bitstream D/A and A/D conversion. Analog-cassette compatibility; autoreverse; synchro record with compatible CD players; record balance and level controls; 12-character display; remote control. Timer record/play optional. 17 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 11 $\frac{1}{8}$ in; 20 lb\$800

DCC951 DCC Deck
1-bit Bitstream D/A conversion, 18-bit Delta-Sigma A/D converter. Analog-cassette compatibility; digital track/time counter; optical/digital analog input/output meters; 17-element 2-channel peak-level record meter; 14-character display; remote control. Timer record/play optional. FR 20-20,000 Hz DCC, 30-16,000 Hz analog high-bias. 17 $\frac{1}{4}$ x 3 $\frac{1}{2}$ x 11 $\frac{1}{8}$ in; 19.8 lb\$500

FC931 Double Cassette Deck
Dolby B, C, HX Pro. Full-logic controls; autoreverse for both transports; synchro record with compatible CD players; electronic real-time counter; track search; auto bias control; auto tape-bias selection. 17 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 11 $\frac{1}{8}$ in; 11.4 lb\$280
FC911. As above, without Dolby HX Pro. Manual bias control; linear tape counter\$230

Portable DCC Players

DCC130 Portable DCC Player
Optical digital output. Analog-cassette compatibility; autoreverse; dynamic bass boost; 12-character display. Includes rechargeable Ni-Cd battery. 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in; 1.1 lb without battery\$500

DCC170 Portable DCC Player/Recorder
18-bit A/D and D/A conversion. Fiber-optic digital output; coaxial/optical mic and line-level input. Analog-cassette compatibility; dynamic bass boost; 14-character display. Includes rechargeable Ni-Cd battery. 4 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x 4 in; 14.7 oz without battery\$400

PIONEER

CT-WM62R 7-Cassette Changer
Dolby B, C, HX Pro. 6-cassette changer, single-cassette transport. Features record/playback for cassettes in 6-cassette changer, playback-only for single-cassette transport. Autoreverse for all cassettes; 6-tape sequential record/play; 6-tape auto rewind; intro cassette scan; random play; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; synchro record with compatible CD players; synchro normal/high-speed dubbing; 4-digit electronic tape/elapsed-time counter; FL peak-hold level me-

ter; SR-system remote control\$525

CT-W703RS Double Cassette Deck
Dolby S, B, C, HX Pro. Features record/playback for both transports. Headphone jack. Autoreverse for both transports; auto bias and level optimization; 2-tape sequential play; sequential record; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; synchro record with compatible CD players; 4-digit electronic tape/elapsed-time counter; FL peak-hold level meter; SR-system remote control compatibility\$350
CT-W603RS. As above, record/playback for one transport, playback-only for 2nd\$290

CT-W503R Double Cassette Deck
Dolby B, C, HX Pro. Features record/playback for one transport, playback-only for 2nd. Headphone jack. Autoreverse for both transports; auto NR selection during playback; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; synchro record with compatible CD players; 2-tape sequential play; 4-digit electronic tape/elapsed-time counter; FL peak-hold level meter; SR-system remote control compatibility\$260

CT-W403R Double Cassette Deck
Dolby B, C, HX Pro. Features record/playback for one transport, playback-only for 2nd. Autoreverse for recording transport; 2-tape sequential play; MPX filter; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; two 4-digit electronic tape/elapsed-time counters; FL peak-hold level meter; SR-system remote control compatibility\$225

CT-W103 Double Cassette Deck
Dolby B. Features record/playback for one transport, playback-only for 2nd. MPX filter; normal/high-speed dubbing; auto level control; auto tape-bias selector; 2-tape sequential play; LED level meter\$150

Elite Series

CT-43 3-Head Cassette Deck
Dolby S, B, C HX Pro. Features dual-capstan design; cassette stabilizer; isolated door; digital tension control. Headphone jack with volume control. Auto bias, level, and EQ setting; MPX filter; adjustable bias; program search; synchro record function with compatible cassette decks; system remote-control compatibility\$650

CT-W54 Double Cassette Deck
Dolby S, B, C, HX Pro. Features record/play for both transports. Mic input with level control; headphone jack. Full-logic autoreverse for both transports; MPX filter; auto bias, level, and EQ setting for both transports; 2-tape sequential record/play; program search; auto tape-bias selector; normal/high-speed tape dubbing; blank skip; synchro record with compatible cassette decks; electronic tape/elapsed-time counter; FL peak-hold display\$475

ROTEL

RD965BX Cassette Deck
Dolby B, C, HX Pro. Adjustable bias; repeat; program search; FL level meter. FR 30-18,000 Hz; S/N 55 dB no NR; w&F 0.06% wrms. 17 $\frac{1}{4}$ x 4 $\frac{1}{2}$ x 13 in\$400

SANSUI

DX519HXR Cassette Deck
Dolby B, C, HX Pro. Features full-logic quick autoreverse transport; auto bias adjustment; synchro recording with compatible cassette decks; auto tape counter. FR 30-16,000 Hz high bias; S/N 50 dB no NR; w&F 0.06%. 17 x 5 x 11 in; 9.5 lb\$250

DX219WR Double Cassette Deck
Dolby B. Full logic controls; high-speed dubbing; quick autoreverse transport; program search; auto tape selector\$200

DX119W Double Cassette Deck
Dolby B. High-speed dubbing; auto tape selector; LED level meter\$125

SHERWOOD

DD-6030C Double Cassette Deck
Dolby B, C, HX Pro. Features record/playback for both transports. Headphone jack; mic input. Autoreverse and full logic for both transports; 2-tape sequential play; 20-track program search; auto tape-bias selector; high-speed dubbing; synchro record with compatible CD players; record mute; Digi-Link III component-interface system; electronic real-time counter. FR 20-18,000 Hz ± 3 dB high bias; S/N 67 dB Dolby B, 76 dB Dolby C; w&F 0.06%. 17 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 11 in\$325

DD-4030C. As above, record/playback for one transport. FR 25-17,000 Hz high bias; S/N 65 dB Dolby B, 74 dB Dolby C. 17 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 9 $\frac{1}{8}$ in\$250

DD-3010C Double Cassette Deck
Dolby B, C, HX Pro. Headphone jack. Autoreverse and full logic for both transports; 2-tape sequential play; program search; blank skip; high-speed dubbing; auto tape-bias selector; record mute; timer record/play; Digi-Link II component-interface system; mechanical tape counter. FR 35-16,000 Hz ± 3 dB high bias; S/N 64 dB Dolby B, 73 dB Dolby C; w&F 0.07%. 17 $\frac{1}{4}$ x 5 x 9 $\frac{1}{8}$ in\$225

DD-2010C Double Cassette Deck
Dolby B, C. Headphone jack. 2-tape sequential play; high-speed dubbing; auto tape-bias selector; timer record/play; record mute; mechanical counter. FR 35-15,500 Hz ± 3 dB high bias; S/N 63 dB Dolby B, 72 dB Dolby C; wow-and-flutter 0.08%. Dimensions: 17 $\frac{1}{4}$ x 5 x 9 $\frac{1}{8}$ in\$140
DD-1010C. As above, without Dolby C\$120

SONY

TC-K615S 3-Head Cassette Deck
Dolby B, C, S, HX Pro. Features 2-motor tape transport; quartz-control servo driver; sorbothane cassette stabilizer. Record level, balance and mute control; record and bias calibration. Remote control optional. 4 $\frac{1}{2}$ x 17 x 12 $\frac{1}{4}$ in; 9 lb\$400

TC-WR645S Double Cassette Deck
Dolby B, C, S, HX Pro. Features 2-motor tape transport; Autoreverse. Auto calibration. Remote control optional\$350

TC-WR545 Double Cassette Deck
Dolby B, C, HX Pro. Features two 2-motor tape transports. Autoreverse. Auto calibration. Remote control optional\$250

TC-RX311 Cassette Deck
Dolby B, C, HX Pro. Features 2-motor tape transport. Record level and balance control. Autoreverse. Remote control optional. Dimensions: 4 $\frac{1}{2}$ x 17 x 12 $\frac{1}{4}$ in; 8.5 lb\$250

TC-WR445 Cassette Deck
Dolby B, C, HX Pro. Autoreverse. Remote control optional\$200

TC-W345 Double Cassette Deck
Dolby B, C. Features high-density Permalloy heads. High and normal speed dubbing\$150



Pioneer CT-W703RS

ES Series

DTC-2000ES DAT Deck

Pulse type A/D conversion. Features 4-motor direct-drive tape transport; 4-head recording/monitoring system. Analog, optical and coaxial inputs and outputs; 200/400x normal search speed; remote control. Sampling rates 32,000, 44,100, 48,000 Hz; FR 2-22,000 Hz ± 0.5 dB; S/N and dynamic range 94 dB; THD 0.0035%; 5 1/4 x 17 x 15 1/2 in.; 27.5 lb\$2,500

DTC-60ES DAT Deck

Pulse type A/D converter. Features 3-motor direct-drive tape transport; all-digital servo control. Analog, optical and coaxial digital inputs and outputs; 200/400x normal search speed, remote control. Sampling rates 32,000, 44,100, 48,000 Hz; FR 2-22,000 Hz ± 0.5 dB; S/N and dynamic range 92 dB; THD 0.0045%; 4 3/4 x 17 x 13 1/2 in.; 13 lb\$2,500

DTC-59ES DAT Deck

Pulse type A/D converter. Features 3-motor direct-drive tape transport; all-digital servo control; analog, optical and coaxial digital inputs and outputs; Sampling rates 32,000, 44,100, 48,000 Hz; FR 2-22,000 Hz ± 0.5 dB; S/N and dynamic range 93 dB; THD 0.0045%; 3 3/4 x 18 1/2 x 14 in.; 17.6 lb\$820

TC-WR901ES Double Cassette Deck

Dolby B, C, S, HX Pro. Features dual 3-motor tape transports; laser amorphous tape heads. Dual autoreverse. Record mute, record level and balance control. Remote optional. FR 20-20,000 ± 3 dB; S/N 74 dB; w&F 0.06% wrms. Dimensions: 5 1/4 x 18 1/2 x 13 1/2 in.; 16.6 lb\$670

TC-K717ES 3-Head Cassette Deck

Dolby B, C, S, HX Pro. Features 3-motor, 3-head dual capstan transport; quartz-locked drive motor; laser amorphous heads. Headphone jack with level control. Gold-plated input and output jacks; record mute, record level and balance control. Remote optional. FR 20-18,000 Hz f3 dB; S/N 58 dB; w&F 0.07% wrms; 4 1/2 x 17 x 11 1/2 in.; 10 lb\$560

TC-K909ES 3-Head Cassette Deck

Dolby B, C, S, HX-Pro. Features laser amorphous heads; sapphire bearing; quartz servo. Headphone jack with level control. Remote optional. FR 20-18,000 Hz f3 dB; S/N 76 dB; w&F 0.022% wrms; 5 1/2 x 18 1/2 x 13 1/2 in.; 17.7 lb\$560

TC-WR801ES Double Cassette Deck

Dolby B, C, S, HX Pro. Features dual 2-motor tape transports; laser amorphous tape heads; high-density Permalloy head. Record level and balance control; record mute. Remote optional. FR 20-21,000 ± 3 dB; S/N 61 dB; w&F 0.04% wrms. 4 1/2 x 17 x 12 1/2 in.; 10.8 lb\$430

TC-RX606ES Cassette Deck

Dolby B, C, S, HX Pro. Features laser amorphous heads; TCM-200 3-motor tape transport. Headphone jack with level control. Autoreverse. Auto bias calibration. Remote optional. FR 25-19,000 ± 3 dB; S/N 74 dB; w&F 0.06% wrms. 4 1/2 x 17 x 12 1/2 in.; 10.7 lb\$400

TEAC

V-8000S 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features quartz-locked dual-capstan drive; hard-Permalloy record and playback heads with PC-OCC wiring; centered transport orientation; 4 DC motors; antistatic cassette stabilizer; die-cast zinc-alloy head block assembly; copper chassis plating. Gold-plated CD-direct input; headphone jack with volume control; gold-plated line-in and line-out connectors. Powered load/eject; switchable MPX filter; independent L/R bias and level controls; master record-level control; synchro record with compatible CD players; program search; rec mute with auto space; auto monitor; 16-segment level meters with peak hold; electronic linear counter; remote control. FR 15-20,000 Hz ± 3 dB high bias; S/N 84 dB Dolby S, 70 dB Dolby B, 80 dB Dolby C; w&F 0.022% wrms. 18 1/2 x 5 1/2 x 14 in\$1,300
V-7010. As above, without Dolby S\$1,000

V-5010. As V-7010, dual-capstan drive not quartz locked\$790

V-2020S 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features hard-Permalloy record and playback heads with PC-OCC wiring; centered transport orientation; 2 DC motors; cassette stabilizer; die-cast zinc-alloy head block assembly; aluminum front panel. Headphone jack with volume control. Switchable MPX filter; bias and level calibration with built-in oscillator; L/R record-level controls;

record mute with auto space; auto monitor; 16-segment level meters; electronic index counter; remote control. FR 15-20,000 Hz ± 3 dB high bias; S/N 84 dB Dolby S, 70 dB Dolby B, 80 dB Dolby C; w&F 0.045% wrms. 17 1/2 x 5 1/2 x 11 1/2 in\$650

V-3010 3-Head Cassette Deck

Dolby B, C, HX Pro. Features centered transport orientation; hard-Permalloy record and playback heads with PC-OCC wiring; 2 DC motors; copper chassis plating; aluminum cassette-holder lid; antistatic cassette

THE

PANAMAX DIFFERENCE

Pace of mind can make all the difference when it comes to enjoying your home entertainment investment.

"The main advantage of this unit is that it is very effective in filtering out noise that can get into your system from the A.C. power line.

The MAX@1000 will also protect your valuable audio and video components from damage that can be caused by line surges or even lightning."

Edward E. Long, Audio Magazine, June 1993

MAX@1000 is covered by the Panamax Lifetime Product & Connected Equipment Warranty. See warranty for conditions, limitations & claim procedures.

MAX@1000 Features include:

- Master On/Off switch controls power to the "Switched" & "Delayed Turn On" outlets.
- 8 AC outlets provide continuously monitored, filtered and protected power: 2 unswitched "Always On" outlets, 4 switched outlets provide AC power for the system accessories, and 2 "Delayed Turn-On" AC outlets with 10 to 15 second delayed start-up/shut-down prevents amplifier "thump".
- AC master control power-sensing cable connects thru MAX@1000 to the system.

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T A P E D E C K S

stabilizer; die-cast zinc-alloy head-block assembly. Headphone jack with volume control; gold-plated connectors. Adjustable bias; switchable MPX filter; record mute with auto space; auto monitor; master record-level control; L/R record-balance control; electronic index counter; 16-segment peak-level meters; remote control. FR 15-20,000 Hz ± 3 dB high bias; S/N 70 dB Dolby B, 80 dB Dolby C\$620
V-1010. As above, chassis not copper plated, no aluminum cassette-holder lid, cassette stabilizer not antistatic, connectors not gold plated. Remote control optional\$400

R-550 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/playback head; bipolar power supply; centered transport orientation. Headphone jack. Autoreverse; IC-logic controls; intro scan; blank search; record mute with auto space; program search; synchro record with compatible CD players; auto tape-bias selector; 9-segment level meters with peak hold; 4-digit electronic counter; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; w&F 0.06% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ in\$289

V-600 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/playback head; centered transport orientation; bipolar power supply; DC servo motor. Headphone jack. Record mute with auto space; program search; intro scan; auto tape-bias selector; 9-segment level meters with peak hold; 4-digit electronic index counter; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; w&F 0.06% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ in\$239

V-375 Cassette Deck

Dolby B. Features centered transport orientation; hard-Permalloy record/playback head; bipolar power supply. LED peak-level meter. FR 30-15,000 Hz; S/N 65 dB Dolby B. 55 dB no NR; w&F 0.09% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 8\frac{1}{2}$ in\$119

Double Cassette Decks

W-6000R Double Cassette Deck

Dolby B, C, HX Pro. Features record/playback for both transports; cassette stabilizer; motor-driven volume control. L/R mic inputs; headphone jack. Rotating-head autoreverse for both transports; $+6\%$ pitch control for one transport; 2-tape simultaneous play; 2-tape sequential record/play; mic/line mixing; auto fade in/out; record mute with auto space; synchro record with compatible CD players for one transport; program search; normal/high-speed dubbing; auto record-level control; FL display; remote control. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; w&F 0.06% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 12\frac{1}{2}$ in\$750

W-800R Double Cassette Deck

Dolby B, C, HX Pro. Features record/playback for both transports; hard-Permalloy record/playback heads; bipolar power supply. L/R mic inputs; headphone jack. Rotating-head autoreverse for both transports; 2-tape sequential play; program search; intro scan; blank search; record mute with auto space; L/R level meters with peak hold; two 4-digit electronic counters; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; w&F 0.06% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ in\$369

W-750R Double Cassette Deck

Dolby B, C, HX Pro. Features record/playback for one transport, other transport play-only; bipolar power supply; hard-Permalloy record/playback heads. Headphone jack. Rotating-head autoreverse and IC-logic controls for both transports; 2-tape sequential play; master record-level control; L/R record-balance control; synchro record with compatible CD players; record mute with auto space; normal/high-speed dubbing; auto tape-bias selection; level meters with peak hold; electronic index counter for both transports; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB

Dolby B, 79 dB Dolby C; w&F 0.06% wrms. $17\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ in\$279

W-515R Double Cassette Deck

Dolby B. Features record/playback for one transport, other transport play-only. Autoreverse for one transport; 2-tape sequential play; auto tape-bias selector for one transport, tape-bias switch for other; index counter for one transport; LED peak meter. FR 30-15,000 Hz high bias; S/N 55 dB no NR. 65 dB Dolby B; w&F 0.09%. $17\frac{1}{2} \times 5\frac{1}{2} \times 8\frac{1}{2}$ in\$179

W-415 Double Cassette Deck

Dolby B. Features hard-Permalloy heads. 2-tape sequential play; normal/high-speed dubbing; auto tape-bias selector for one transport, tape-bias switch for other; index counter for one transport; LED level meter. FR 30-15,000 Hz high bias; S/N 55 dB no NR. 65 dB Dolby B; w&F 0.09% wrms. Dimensions: $17\frac{1}{2} \times 5\frac{1}{2} \times 8\frac{1}{2}$ in\$149

TECHNICS

RS-DC10 DCC Deck

1-bit D/A converter. 1-bit A/D converter. Analog and digital inputs and outputs; gold-plated connectors. Analog-cassette playback compatibility; autoreverse; auto track-number recording; text information display; remote control\$1,100

RS-DC8 DCC Deck

1-bit MASH D/A and A/D conversion. Features 2-motor drive system for 2x fast-forward and rewind; powered cassette loading; fixed-azimuth tape guide. 2 digital and 1 analog inputs; fiber-optic digital input and output; headphone jack with volume control; gold-plated RCA analog input and output. Analog-cassette playback compatibility with Dolby B and C NR; scrollable text display for album and song titles; writable/erasable data markers for editing; auto sampling-rate switching\$650

RS-TR979 Double Cassette Deck

Dolby B, C, HX Pro. Features record/play for both transports; antivibration base. Full-logic controls; autoreverse for both transports; 2-tape sequential play; two linear counters; synchro record with compatible CD players; bias control; FL level meter; remote control via select Technics receivers\$420

RS-TR575 Double Cassette Deck

Dolby B, C, HX Pro. Features record/playback for both transports. Autoreverse for both transports; 2-tape sequential record/playback; auto tape calibration; bias control; high-speed dubbing; two linear counters; FL peak-hold meters; remote control via select Technics receivers\$270

RS-TR474 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; 2-tape sequential play; auto tape calibration; high-speed dubbing; 2x fast-forward and rewind speeds; two linear counters; FL peak-hold meters; remote control via select Technics receivers\$250

RS-TR373 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; 2x fast-forward/rewind speeds; high-speed dubbing; 2 FL electronic counters; remote control via select Technics receivers\$220

RS-TR232 Double Cassette Deck

Dolby B, C, HX Pro. Features one transport autoreverse record/play, other play-only. Full-logic controls; 2-tape sequential play; synchro record with compatible CD players; FL electronic counter; 2-color FL level meter; remote via select Technics receivers\$210

YAMAHA

The following are compatible with Yamaha's system remote controls.

KX-W952 Double Cassette Deck

Dolby B, C, HX Pro for both transports. Features 12-layer amorphous record/play heads; Sorbothane-

stabilized cassette doors. Headphone jack with volume control. 2-tape sequential play/record and simultaneous record of independent sources; autoreverse record/play for both transports; auto tape-bias selector; play-trim control; high-speed dubbing; cross-Dolby, random-program, and skip dubbing; 15-selection random program play for each transport; intro scan; auto record mute; blank skip; separate controls, meters, and displays for each transport; level meters with peak-hold. Dimensions: $17\frac{1}{2} \times 5\frac{1}{2} \times 14\frac{1}{2}$ in; 17.6 lb\$729

KX-580 Cassette Deck

Dolby S, B, C, HX Pro. Features 2 motors; Sorbothane cassette stabilizer; hard-Permalloy heads; separate mechanical and signal power supplies. Headphone jack with volume control. Microprocessor-controlled full logic; auto bias, sens, and EQ optimization; switchable MPX filter; program search; intro scan; repeat; bias control; synchro record with compatible CD players; play trim; timer record/playback; 15-segment FL level meter with peak hold; 4-digit FL tape counter; system remote-control compatibility. Remote control optional. FR 20-20,000 Hz ± 3 dB metal; Wow-and-flutter 0.05%. Dimensions: $17\frac{1}{2} \times 5 \times 10\frac{1}{2}$ in\$399

KX-W582 Double Cassette Deck

Dolby B, C, HX Pro. Features Sorbothane cassette stabilizers. Autoreverse; HALL, DISCO, CHURCH, and JAZZ CLUB recordable 2-channel surround modes; microprocessor-controlled full logic; 2-tape simultaneous record and sequential record/play; program search; play trim; synchro record with compatible CD players; normal/high-speed dubbing; auto tape-bias selector; record level and balance controls; 12-segment level meters with peak hold; two 4-digit FL tape counters; system remote-control compatibility. Remote control optional. FR 20-20,000 Hz ± 3 dB metal. $17\frac{1}{2} \times 5 \times 11$ in\$399

KX-R470 Cassette Deck

Dolby B, C, HX Pro. Features double-gap ferrite erase head; DC-servo capstan; DC reel motors; 12-layer amorphous record/play head; Sorbothane cassette stabilizer; switchable MPX filter; antivibration feet. Infrared input jacks; headphone jack with volume control. Microcomputer-controlled full-logic operation; autoreverse; bidirectional intro scan; blank skip; adjustable bias; play trim control; optimum record-level indicator; program search; repeat; record mute; auto tape-bias selector; timer; L/R LCD peak-level meters with peak hold; 4-digit LCD tape counter. FR 20-20,000 Hz metal. $17\frac{1}{2} \times 5\frac{1}{2} \times 11\frac{1}{2}$ in\$379

KX-W382 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Autoreverse; microprocessor-controlled full logic; play trim for both transports; 2-tape sequential play; repeat; program search; normal/high-speed dubbing; auto tape-bias selector; record level and balance controls; auto record mute; synchro record with compatible CD players; 10-segment level meter with peak hold; 4-digit FL tape counter. FR 20-20,000 Hz ± 3 dB metal. $17\frac{1}{2} \times 5 \times 11$ in\$299

KX-W282 Double Cassette Deck

Dolby B, C. Features one transport record/play, other transport play-only. Headphone jack. Microprocessor-controlled full logic; autoreverse; repeat play; program search; normal/high-speed dubbing; synchro record with compatible CD players; auto record mute; auto tape-bias selector; record-level controls; 6-segment peak-level meter; system remote-control compatibility. $17\frac{1}{2} \times 5 \times 11$ in\$249

KX-380 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy heads. Headphone jack with volume control. Microprocessor-controlled full logic; auto bias, sens, and EQ optimization; switchable MPX filter; intro scan; program search; bias control; play trim; synchro record with compatible CD players; 15-segment peak-level FL meter; 4-digit FL tape counter; system remote-control compatibility. FR 20-19,000 Hz ± 3 dB; w&F 0.07%. $17\frac{1}{2} \times 5 \times 11\frac{1}{2}$ in\$249

TUNERS

ACCUPHASE

T-109 FM Tuner

Quartz-lock frequency-synthesis design with 32 station presets. Features 8-bit microprocessor; double-tuned front end. Balanced-XLR outputs; fixed- and variable-level unbalanced outputs. Nonvolatile memory; switchable MPX filter; switchable selectivity; mono/stereo switch; output-level control; muting switch; signal-strength meter; remote control. 50-dB quieting sens 37 dBf stereo; signal-to-noise ratio 85 dBA at 80 dBf; total harmonic distortion 0.04% stereo at 1,000 Hz; ch sep 50 dB at 1,000 Hz stereo. Dimensions: 18 1/4 x 5 1/2 x 16 in.; 20.9 lb\$2,995

ADCOM

GFT-555II AM/FM Tuner

Quartz-referenced digital-synthesis design with 8 AM/8 FM presets. Features buffered output stages using Class A amplification; 1% Roederstein metal-film resistors; metal-film capacitors. Auto scan; switchable high-blend circuit; mono/mute switch; FL display. FM: 50-dB quieting sens 36 dBf; alt-ch sel 75 dB; THD 0.075% stereo at 1,000 Hz\$375

ARAGON

Model 4T2 AM/FM Tuner

16 station presets. Features patented circuitry to prevent unwanted signals from entering tuner via antenna ground; isolation subchassis enclosing circuit board; isolation subchassis for transformer; solid-aluminum front panel. Seek/scan tuning. FM: 50-dB quieting sens 37.6 dBf; AM rej 80 dB; alt-ch sel 66 dB; signal-to-noise ratio 75 dB. Dimensions: 19 x 3 1/2 x 15 1/4 in.; 22 lb\$695

ARCAM

Delta 280 FM Tuner

20 station presets. Manual tuning in 50,000-Hz steps; selectable normal/narrow IF bandwidth; mono button; scan tuning; signal-strength meter; defeat-able display; remote controllable via Arcam's System Remote Control. AM rej 50 dB; alt-ch sel 60 dB; S/N 72 dB stereo; ch sep 40 dB at 1,000 Hz\$699

Alpha 5 FM Tuner

16 station presets. Mono/mute button with indicator; scan tuning; manual tuning in 50,000-Hz steps; LED signal-strength meter. AM rej 50 dB; cap ratio 1.5 dB; alt-ch sel 60 dB; S/N 72 dB stereo; ch sep 40 dB at 1,000 Hz\$399

AUDIO DESIGN ASSOCIATES

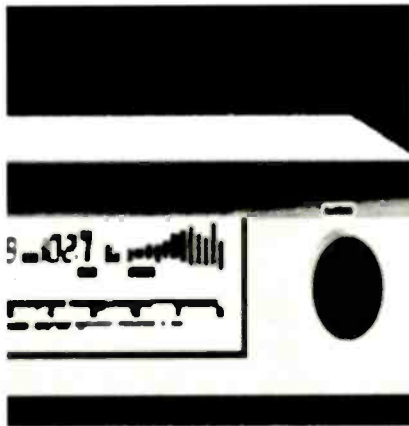
MT-3000 Multi-Tuner

Designed for multiroom applications; may be used with System Delta, System 8000, or System Omega (see Multiroom Components). 3 independent tuner modules with 20 presets per module; choice of AM-stereo, FM-stereo, shortwave, or cable-TV modules in any combination. Features digital-synthesis tuning; auto analog phase-frequency detector; stereo dynamic analog blend. 1 remote-control input for each module: 1 remote-control input to access all 3 modules and 60 presets; 1 line-level output for each module; 1 line-level output for all 3 modules. 4-character alphanumeric labeling for each preset; mute. Remote control optional. FM: 50-dB quieting sens 34 dBf; AM rej 54 dB; cap ratio 1.4 dB; alt-ch sel 80 dB; S/N 69 dB stereo; THD 0.09% stereo and ch sep 50 dB at 1,000 Hz. 19 x 3 1/2 x 11 in.; 8 lb\$3,999

AUDIOLAB

Model 8000T AM/FM Tuner

39 station presets. Features single-bit FM demodulator; discrete front end; double-conversion FM IF; 9th-order elliptic LC birdie filter; rotary optical digital encoder; microprocessor control. Tuning in 25,000-Hz steps; AM and FM wide/narrow bandwidth selection; signal-strength meter; independent mono and mute switches; auto 20/60-dB audio muting; preset scan; LCD\$1,150



AUDIOSOURCE

TNR One AM/FM Tuner

Quartz-PLL design with 20 station presets. Auto scan; manual tuning; digital display with signal-strength indication. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 70 dB stereo; THD 0.4% stereo\$230

CARVER

TX-11b AM/FM Tuner

13 station presets. Features ACCD anti-multipath circuitry. AM-stereo reception; auto/manual scan tuning; 3-week memory backup. FM: 50-dB quieting sens 37 dBf stereo; AM rej 50 dB; cap ratio 1 dB; alt-ch sel 90 dB narrow; S/N 75 dB stereo; THD 0.9% stereo at 1,000 Hz. 19 x 4 x 14 in.; 12 lb\$800

TX-8R AM/FM Tuner

20 station presets. Preset scan; auto/manual scan tuning; FM mono/stereo switch; analog signal-strength meter; removable rack handles; remote control. FM: 50-dB quieting sens 40.7 dBf stereo; AM rej 60 dB; cap ratio 1.5 dB; alt-ch sel 63 dB; S/N 70 dB stereo; THD 0.3% stereo at 1,000 Hz. 19 x 2 x 12 1/2 in.; 7 lb\$350

DAY SEQUERRA

FM Reference Tuner

3 selectable IF bandwidths; digital display. Rack-mount front plate. 50-dB quieting sens 34 dBf stereo; AM rej 80 dB; cap ratio 0.75 dB; adj-ch sel 40 dB narrow IF; alt-ch sel 100 dB; S/N 65 dB stereo at 65 dBf; THD 0.15% at 1,000 Hz stereo; ch sep 50 dB at 1,000 Hz. 17 1/2 x 14 1/4 x 5 1/4 in.; 45 lb\$5,300

FM Reference Analyzer. As above, with panoramic display\$13,800

DENON

TU-680NAB AM/FM Tuner

30 AM FM presets. Designed for the National Association of Broadcasters as a broadcast-quality reference-monitor tuner. Features AMAX-certified mono/stereo AM reception; AMAX AM de-emphasis circuit; AM noise-blanking circuitry; quartz frequency-synthesis tuning; MOSFET RF stages. Switchable FM IF bandwidth with memory; switchable AM audio bandwidth; IS-system remote compatibility\$600

TU-650RD AM/FM Tuner

30 AM/FM presets. Features RDS radio-data reception; quartz-lock synthesizer tuning; MOSFET RF stages. Switchable FM IF bandwidth with memory; preset labeling; scrolling RDS-data display; IS-system remote control compatibility\$375

TU-380RD. As above, 40 presets. RDS display not scrolling. No switchable IF bandwidth\$300

TU-280 AM/FM Tuner

30 AM/FM presets. Features quartz-lock synthesizer tuning; MOSFET RF stages. IS-system remote-control compatibility\$250

HARMAN KARDON

TU930 AM/FM Tuner

30 AM/FM presets. Seek tuning; manual up/down tuning; frequency-direct tuning\$199

JVC

FX1100BK AM/FM Tuner

40 AM/FM presets. Features computer-controlled reception-servo system; quartz-PLL digital frequency synthesizer; digital-noise reduction system. Inputs for 2 antennas. 6-character alphanumeric station labeling; variable stop level; dB-referenced signal-strength meter in 1-dB steps; record-calibration signal generator; direct access; switchable wide/narrow IF bandwidth; preset scan\$470

LINN

Kremlin FM Tuner

80 station presets. Features screened circuitry; two parallel high-level mixers; 13-stage IF filter; PLL demodulator; oscillator with shorted-transmission-line coaxial resonator. 2 F-connector RF inputs; 2 line-level output pairs; remote-control jack for switching of other Linn products or multiroom use. Adjustable mute/scan threshold with memory; auto/manual scan; software upgradability\$3,700

Kudos FM Tuner

20 station presets. Features digital-synthesis design; screened circuitry. 2 line-level output pairs; remote-control jack for switching of other Linn products or multiroom use. Auto/manual scan; adjustable mute/scan threshold\$NA

LUXMAN

T-353L AM/FM Tuner

30 AM/FM presets. Features digital-synthesis PLL design; optimum-frequency location via computer analysis; line-phase sensor; STAR circuitry. System bus connection. Selectable strongest-station preset storage; muting level switch; auto seek/scan; mono/stereo switch; turn-on and sleep timers; FL display. AM rej 62 dB; cap ratio 1.5 dB; S/N 73 dB at 65 dBf stereo; ch sep 50 dB at 1,000 Hz. AM: S/N 54 dB. Black or champagne\$500

MAGNUM DYNALAB

FT 101A Etude FM Tuner

Analog design. Designed for rack mounting. Features dual automatic gain control stage which monitors and maintains program signal clarity and level, and provides reduction in local station interference; auto blend circuit maintains full quieting by adjusting separation; high efficiency OFC intercabbing; polypropylene output capacitors; high and low level audio output. Infinitely variable analog tuning via precision potentiometer; stereo/mono mode switch; wide/narrow IF bandwidth control; large, easy-to-read panel meters to display multipath, RF input, and center tune; tuned station frequency is digitally displayed in soft green 1/2-in numerals; high and low level output to match preamp; isolated power supply switching provides instant-on for tuner circuitry; noise-activated mute system with front panel defeat switch. Infrared remote, balanced outputs, scope output, silver intercabbing, 220 or 240 V optional. FM: 50-dB quieting sens 13.2 dBf mono, 34 dBf stereo; AM rej -70 dB; cap ratio 1.5 dB; adj-ch sel 12 dB wide, 30 dB narrow; alt-ch sel 70 dB wide, 80 dB narrow; S/N 80 dB; THD 0.10% mono, 0.18% stereo; ch sep 60 dB. 19 x 3 1/2 x 13 in.; 15 lb\$1,350

FT 101A. As above, no OFC intercabbing or polypropylene capacitors. Silver intercabbing not optional. FM: adj-ch sel 9 dB wide, 25 dB narrow; alt-ch sel 60 dB wide, 80 dB narrow; S/N 75 dB. 12 lb\$875

FT 11 FM Tuner

Analog design with 3 FM presets. Auto blend circuit maintains full quieting by adjusting separation. Manual, infinitely variable analog tuning via rotary control, precision, multi-turn potentiometer; RF input and tun-

TUNERS

ing meters; three manually tuned presets can be reset at any time; mute and stereo/mono switches; tuned station frequency is digitally displayed in soft green 1/2-in numerals. FM: 50-dB quieting sens 35.3 dB; AM rej -70 dB; cap ratio 1.5 dB; adj-ch sel 12 dB; alt-ch sel 70 dB; S/N 75 dB; THD 0.13% mono, 0.30% stereo; ch sep 50 dB. 17 x 2 1/2 x 7 in; 10 lb\$545

MARANTZ

ST-50 AM/FM Tuner

30 AM/FM presets. Features digital-synthesis design. Switchable wide/narrow selectivity; preset memory for selectivity setting; direct station access; scan tuning; switchable muting; battery-free memory backup; auto/manual tuning; signal-strength indicator; FL display. FM: 50-dB quieting sens 37 dBf stereo; cap ratio 1 dB; alt-ch sel 75 dB; S/N 82 dB stereo; THD 0.08% stereo; ch sep 55 dB. AM: S/N 54 dB; THD 0.3%. 17 1/4 x 4 x 14 in\$349

ST-53 AM/FM Tuner

59 AM/FM presets. Features 4-gang FM front end; dual-gate MOSFET IF section. 75-ohm FM antenna input. RC-5 system remote-control jacks. Direct station access; preset scan; memory backup; mono/stereo and mute switches; last-station memory; FL display. FM: 50-dB quieting sens 37 dBf stereo; cap ratio 1 dB; alt-ch sel 75 dB; S/N 73 dB stereo; THD 0.2% stereo; ch sep 45 dB. AM: S/N 52 dB\$299

MCINTOSH

MR7083 AM/FM Tuner

8 AM and FM presets. Features proprietary circuitry to modify phase and FR. Remote control capability. 17 1/2 x 5 1/2 x 15 1/2 in; 15 lb\$1,750

MERIDIAN

Model 504 FM Tuner

30 station presets. Custom labeling for each preset; mono/stereo switch; signal-strength and tuning-accuracy displays; 8-character alphanumeric display. 12 1/2 x 3 1/2 x 13 in\$995

MUSEATEX

FM1 FM Tuner

Antenna and cable inputs. 100-station auto memory; remote control\$1,199

NAD

Model 402 AM/FM Tuner

24 AM/FM presets. Features IF filters; switchable blending circuit. NAD-Link facility for remote control via other NAD products; high-speed search tuning. FM: cap ratio 1.6 dB; alt-ch sel 58 dB; S/N 74 dB. 16 1/2 x 3 x 11 1/2 in; 8.8 lb\$249

NAIM

NAT 01 FM Tuner

Features progressive switching from mono to stereo; separate power supply. Auto bandwidth selection; digital frequency display increases in brightness to indicate signal strength. 11 1/4 x 3 x 8 in\$3,100
NAT 02. As above, integrated power supply\$1,950

NAT 03 Tuner

Features toroidal transformer\$1,050

ONIX

BWD-1 FM Tuner

Internally adjustable de-emphasis; 4-position bandwidth switch; 10-dB attenuation switch; digital display; SOAP-2 external power supply\$1,545
 With smaller T-SOAP power supply\$1,085

ONKYO

Integra T-9090II FM Tuner

20 AM/FM presets. Features auto/manual reception-optimization system to select A/B antenna, RF (lo-

cal/bx), IF bandwidth (wide/narrow/S-narrow), high-blend, and mono/stereo. Dual antenna inputs. Preset scan; strongest-station memory; digital display and signal-strength meter; timer; FM fine tuning; adjustable output level; remote control. FM: cap ratio 1 dB; alt-ch sel 95 dB narrow; S/N 95 dB mono; THD 0.009%; ch sep 55 dB wide. Wood side panels. 18 1/4 x 4 1/4 x 15 1/4 in; 18.7 lb\$789

Integra T-407 AM/FM Tuner

40 AM/FM presets. Features auto reception-optimization system with manual override; 5-varactor/MOSFET RF section; front-end design to minimize IM. Battery-free memory backup; 8 preset groups; FM fine tuning in 25- or 50-kHz steps; direct station access; switchable tuning level and mute; signal-strength meter; Onkyo RI-system remote-control compatibility. FM: cap ratio 1.3 dB; alt-ch sel 50 dB narrow; S/N 85 dB mono; THD 0.1%; ch sep 45 dB wide. 18 x 3 1/4 x 14 1/4 in; 10.6 lb\$365

T-450RDS AM/FM Tuner

30 AM/FM presets. Features RDS reception; auto reception-optimization system. RDS program search and text display; battery-free memory backup; 6 preset groups; direct station access; auto scan tuning; program search; program type; radio text\$355

T-404 AM/FM Tuner

40 AM/FM presets. Features auto reception-optimization system; MOSFET front end. Battery-free memory backup; 6 preset groups; direct station access; auto scan tuning; Onkyo RI-system control compatibility. FM: cap ratio 1.5 dB; alt-ch sel 50 dB; S/N 73 dB mono; THD 0.1%; ch sep 40 dB. 18 x 3 x 12 1/2 in; 7.5 lb\$209

OPTIMUS BY RADIO SHACK

TM-155 AM/FM Tuner

Features PLL circuitry; built-in antennas. FM-antenna input. FM-mono button\$60

PIONEER

F-449 AM/FM Tuner

36 AM/FM presets. Selectable FM IF bandwidth; RF attenuator; 3-speed search; SR-system remote-control compatibility. 16 1/2 x 3 1/2 x 12 1/2 in\$285

Elite Series

F-93 AM/FM Tuner

FM: 50-dB quieting sens 36.2 dBf stereo; AM rej 80 dB; cap ratio 1 dB; alt-ch sel 85 dB super narrow; S/N 88 dB stereo at 80 dB; ch sep 60 dB at 1,000 Hz. AM: S/N 50 dB; 18 x 4 1/4 x 13 1/4 in\$900

PROTON

AT-2700 AM/FM Tuner

10 AM/20 FM presets. 2 antenna inputs; RCA outputs; phone jack for remote link. Memory; sleep function; timer; mono/stereo switch; 5-segment signal-strength display; time/frequency display\$300

ROTEL

RHT-10 FM Tuner

16 station presets. Features discrete component front end. Selectable wide/narrow IF bandwidth; digital signal-strength display; remote control. FM: 50-dB quieting sens 37.2 dBf stereo; cap ratio 1 dB; alt-ch sel 80 dB narrow; S/N 82 dB stereo; THD 0.1% stereo. 18 1/2 x 3 x 13 1/2 in\$1,500

RT990BX FM Tuner

16 station presets. Features discrete component front end; RF attenuator. Selectable wide/narrow IF bandwidth; bar-graph LED signal-strength display; remote control. FM: 50-dB quieting sens 37.2 dBf stereo; cap ratio 1 dB; S/N 82 dB stereo; THD 0.12% stereo. 17 1/2 x 2 1/2 x 11 1/2 in\$750

RT-950BX AM/FM Tuner

20 AM/FM presets. Mute/mono switch; bar-graph signal-strength display. FM: 50-dB quieting sens 37.2

dBf stereo; cap ratio 1 dB; alt-ch sel 63 dB; S/N 75 dB stereo; THD 0.25% stereo. 17 1/2 x 2 1/2 x 10 1/4 in\$300

SANSUI

TUX519 AM/FM Tuner

30 AM/FM presets. Features quartz-synthesized digital PLL tuning. Last-station memory; memory scan; instant recall with key. FM: 50-dB quieting sens 36 dBf stereo; alt-ch sel 60 dB; S/N 74 dB stereo. 17 x 3 x 10 in; 6 lb\$250

SESCOM

R/S FM FM Tuner

Mono and stereo outputs; balanced and unbalanced outputs; XLR and RCA connectors\$150
 Kit\$100

SONY

ES Series

ST-S70ES AM/FM Tuner

40 AM/FM presets. Antenna attenuation; radial power supply; direct comparator circuitry; wave optimized digital stereo decoder; wave optimized direct decoder; wave optimized IF system. Coaxial FM input; control S input and output. Digital dial tuning; signal strength meter; switchable IF bandwidth; FM stereo muting; remote control. FM: S/N 92 dB stereo; THD 0.04% mono. 0.006% stereo. 17 x 3 1/4 x 14 1/4 in; 12.5 lb\$600

ST-S550ES AM/FM Tuner

30 AM/FM presets. Antenna attenuation; radial power supply. Coaxial FM input; control S input. Stereo/mono high blend tuning capability; interstation muting; wide/narrow bandwidth tuning; station memo tuning. FM: S/N 78 dB stereo; THD 0.06% mono, 0.008% stereo\$350

ST-S211 AM/FM Tuner

40 AM/FM presets. Coaxial FM input; control S input. Features digital dial tuning; call letter identification; signal strength meter; FM stereo muting; remote control. FM: S/N 75 dB stereo; THD 0.03% mono, 0.005% stereo. 17 x 3 1/2 x 11 1/4 in; 6.5 lb\$250

TEAC

T-X4030 AM/FM Tuner

20 AM/FM presets. Features quartz-PLL tuning. Auto/manual seek; switchable MPX filter; auto mono/stereo switching; FL display. FM: 50-dB quieting sens 42 dBf stereo; usable sens 13.2 dBf mono; AM rej 65 dB; cap ratio 1.7 dB; alt-ch sel 78 dB; S/N 72 dB stereo; ch sep 40 dB at 1,000 Hz. AM: S/N 50 dB. 17 1/2 x 3 1/4 x 10 1/4 in\$220

TECHNICS

ST-G460 AM/FM Tuner

39 AM/FM presets. Features Class AA circuitry with auto preset tuning; DC linear switching; DC circuit construction. Digital FM signal-strength indicator; MPX filter\$250

YAMAHA

TX-950 AM/FM Tuner

40 presets. Features auto selection of PLL-synthesis or FM-voltage-servo tuning. Labeling for 24 presets; mono switch. Optional RS-system-compatible remote control\$429

TX-480 AM/FM Tuner

40 AM/FM presets. Features direct-PLL LSI circuitry combined with microprocessor-controlled IF-count-synthesizer tuning system; proprietary ALPHA circuitry for improved selectivity, interference rejection, phase linearity, and channel separation. Rotary-encoder tuning with lock; strongest-station preset store; preset grouping; auto/manual mono/stereo selector; 20-segment signal-strength meter; Yamaha system remote-control compatibility. Remote control optional. 17 1/2 x 3 1/2 x 11 1/2 in\$199

BANG & OLUFSEN

Beogram 7000 Turntable

Tangential tonearm. Integrates with Beosystem 7000. Features built-in preamp stage; suspended subchassis. Line-level outputs. Auto record-size detection and speed selection. Play speeds 33 1/3 and 45 rpm. w&F 0.03% wrms; rumble 80 dB. 18.4 lb. \$500

BASIS

Upgrade options are available. Contact the manufacturer for information.

Debut Gold Vacuum MkII Manual Turntable

Features reflex platter and clamp with vacuum pump for warped records; oversized mil-spec vacuum-pump tubing; non-contact vacuum seals in platter bearing. Vacuum-level control; vacuum gauge. Includes 40-ft pump tubing \$10,600

Debut Gold Standard MkIII Manual Turntable

Features 4-point hanging fluid-damped suspension; 2-in-thick acrylic subchassis; matched platter/bearing assembly; 28-lb computer-balanced acrylic/lead platter; damped 8-lb acrylic/lead armboard; oil-well bearing with platter center of gravity below upper bushing; aluminum parts machined from aerospace alloy and anodized to military specifications. 85 lb \$8,200

Ovation MkII Manual Turntable

Features 4-point hanging fluid-damped suspension; 2-in-thick acrylic subchassis; matched bearing and platter assembly; lead damping for acrylic platter and armboard; AC motor with double permanently lubricated self-aligning bronze bushings; aluminum parts machined from aerospace alloy and anodized to military specifications. 75 lb \$5,400

DENON

DP-47F Automatic Turntable

Direct drive. Features electronic tonearm control without mechanical contacts; quartz-locked motor. Auto record size and speed detection \$550
 DP-23F. As above, without auto record size and speed detection \$375

DP-7F Automatic Turntable

Direct drive with P-mount cartridge. Features electronic tonearm control without mechanical contacts; quartz-locked motor \$280

ESOTERIC SOUND

Osiris Manual Turntable

Belt drive with straight tonearm. Features integral acrylic mat; polished sapphire thrust bearing resting on chrome steel ball; separate power supply; fixed headshell; 3-point mounting; solid oak base. Variable pitch control; cue lever. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm; w&F 0.04% wrms; rumble 80 dB. 20 1/4 x 16 1/2 x 7 1/2 in. \$1,225

BES-2 Manual Turntable

Belt drive with straight tonearm. Features polymer



Esoteric Sound Ramses



platter; self-lubricating Teflon-impregnated spindle bearing; fixed headshell; 24-pole synchronous AC motor. Cue lever. Play speeds 33 1/3 and 78.26 rpm. w&F 0.1%; rumble 65 dB; recommended tracking force 0.75 g. 1-yr warranty. 18 1/4 x 14 1/4 x 6 1/4 in. \$665

V-3 Manual Turntable

Direct drive with curved tonearm. Stylus lamp; cue lever; XLR lamp outlet. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025%; recommended tracking force 1.25 g. 1-yr warranty. 17 1/4 x 13 1/4 x 6 in. \$495

Ramses Manual Turntable

Belt drive with curved tonearm. Variable pitch control; stylus lamp; cue lever; XLR lamp outlet. Includes cartridge with LP and 78 styli. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025%; recommended tracking force 1.25 g. 1-yr warranty. 17 1/4 x 13 1/4 x 6 in. \$425

V-2b Semiautomatic Turntable

Direct drive with curved tonearm. Features solenoid platter brake. Cue lever. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025% wrms; recommended tracking force 1.5 g. 1-yr warranty. 16 1/2 x 13 1/4 x 4 1/2 in. \$375
 Isis. As above, with speed continuously variable from 60 to 130 rpm. Includes vertical/lateral switch for vertically-cut records \$425

Vintage Manual Turntable

Belt drive with straight tonearm. Variable pitch control. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.045%. 1-yr warranty. Dimensions: 17 x 13 1/4 x 3 1/4 in. \$298

RA-6 Semiautomatic Turntable

Belt drive with curved tonearm. Cue lever. Includes cartridge with LP and 78 styli. Play speeds 33 1/3, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.045%; recommended tracking force 2 g. 1-yr warranty. 16 1/2 x 13 1/4 x 4 1/2 in. \$245

FISHER

MT420 Semiautomatic Turntable

Belt drive with straight tonearm. Viscous-damped cueing. Includes cartridge. Play speeds 33 1/3 and 45 rpm \$100

J.A. MICHELL

Gyrodec MkIII Turntable

Belt drive. Features 2 belts; Papst motor; acrylic concave platter with graphite and vinyl; record clamp; machined arm board; acrylic base with 3 adjustable feet; inverted oil-pump bearing; 3-point suspension; ribbed lead-weighted cast-aluminum chassis; 6 gold-plated brass weights. Play speeds 33 1/3 and 45 rpm. w&F 0.05% rumble 80 dB. 5-yr warranty. Clear or black base. 20 x 6 x 16 in; 42 lb \$1,795
 LE Version. Above with gold anodized motor, arm board, and spring caps. Black chassis; clear base \$1,995
 Gyro QC. Power supply for either of the above. Provides quartz-generated 50-Hz sine wave \$750

JVC

ALA151BK/ALA155TN Automatic Turntable

Straight tonearm and plug-in cartridge. Features DC servo motor. Cueing control; dust cover \$120

KAB ELECTROACOUSTICS

DD1700M Turntable

Direct drive with curved tonearm. Features 4-point tonearm bearings. Variable pitch control; removable headshell; azimuth adjust; damped cueing. Play speeds 33 1/3, 45, and 78 rpm. w&F 0.1%. 17 1/4 x 14 1/4 x 6 3/8 in. \$269

KENWOOD

P-100 Semiautomatic Turntable

Belt drive. Features switchable RIAA preamp; DC servo motor. Line-level output. Includes cartridge and 45-rpm adaptor \$109

KD-492FC Automatic Turntable

Belt drive. Features DC servo motor. System remote-control compatibility. Includes cartridge and 45-rpm adaptor \$109

KD-291RC Semiautomatic Turntable

Belt drive. Features DC servo motor. Includes cartridge and 45-rpm adaptor \$69

LINN

Sondek LP12 Turntable

Belt drive with straight tonearm. Features single-point bearing; solid-wood plinth; stainless-steel chassis; suspended subchassis. Available with choice of power supply. Custom finish available. Play speeds 33 1/3 and 45 rpm. Black-ash finish \$1,450
 Walnut finish \$1,400
 Afrosmosia finish \$1,350
 Lingo power supply \$1,295
 Valhalla power supply \$395
 Basik power supply \$45

Basik Turntable

Belt drive with Akito tonearm. Features rubber suspension; machined alloy platter. Play speeds 33 1/3 and 45 rpm \$595
 Above without arm \$295

MERRILL AUDIO

Heirloom III Turntable

Features fluid-damped motor; periphery and center clamp; acrylic lead platter. Black \$1,995

NAIM

Armageddon Turntable

2-piece turntable, separate power supply \$1,000

ONKYO

CP-101A Semiautomatic Turntable

Belt drive with straight tonearm and cartridge. Features die-cast aluminum platter; DC-servo motor. Auto cut function \$169

OPTIMUS BY RADIO SHACK

LAB-2250 Automatic Turntable

Belt drive with straight tonearm. Features micro-processor stylus-angle control; brushless DC servo motor. Repeat play. Includes cartridge. Play speeds 33 1/3 and 45 rpm \$150

LAB-340 Semiautomatic Turntable

Straight tonearm. Features switchable built-in preamp. Line-level/phone outputs. Play speeds 33 1/3 and 45 rpm \$100

ORACLE

Each of the following features a separate 20-V dc power supply, electronically controlled speed

change, and an electronic $\pm 5\%$ pitch control. Contact the manufacturer for information on various finish and component options.

Premiere MkIV Manual Turntable

Belt drive. Features floating suspension; adjustable suspension frequency. Aluminum tonearm mounting board sold separately. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Wow-and-flutter 0.13%; rumble -67.5 dB\$3,995

Delphi MkIV Manual Turntable

Belt drive. Features floating suspension; adjustable suspension frequency. Aluminum tonearm mounting board sold separately. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Wow-and-flutter 0.27%; rumble -67.5 dB\$2,795

Alexandria MkIV Manual Turntable

Belt drive. Floating suspension; adjustable suspension frequency. MDF tonearm mounting board sold separately. Play speeds 33 $\frac{1}{3}$ and 45 rpm\$1,595

Paris Manual Turntable

Belt drive. Features 4-point viscoelastic polymer suspension. MDF tonearm mounting board sold separately. Play speeds 33 $\frac{1}{3}$ and 45 rpm\$995

PIONEER

PL-600 Automatic Turntable

Straight tonearm. Features DC servo motor with stable hanging rotor. Cueing control. Includes MM cartridge\$150

PL-203AZ Semiautomatic Turntable

Straight tonearm. Features DC-servo motor with stable hanging rotor. Includes cartridge\$100

ROTEL

RP-900 Turntable

Belt drive with straight tonearm. Features 24-pole AC synchronous motor; floating suspension; inert glass platter. Antiskating control. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. Dimensions: 18 $\frac{1}{2}$ x 14 x 5 $\frac{1}{2}$ in\$500

RPM

RPM2 Turntable

Features aluminum-composite construction; decoupled motor; electronic speed switching. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Dimensions: 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 15 in; 54 lb\$4,500

RPM1 Turntable

Features wood-composite construction; decoupled motor. Electronic speed switching. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Dimensions: 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 15 in; 36 lb\$1,795

SOTA

Each of the following, except for the Comet, does not include a tonearm, armboard, or dust cover. Most of the following are upgradable.

Sapphire Manual Turntable

Belt drive. Features adjustable-mass subchassis system to isolate unit from physical and mechanical disturbances; inverted sapphire bearing system; platter made of alternate layers of hard and soft materials to provide damping; acrylic mat; 4-point static suspension; wood armboard; wood cabinet; electronically controlled double-regulated brushless DC servo motor; universal tonearm compatibility; 3 feet. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.04% rms; rumble 60 dB at 10 cm/s, 1,000 Hz. Satin black. 20 $\frac{1}{4}$ x 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in\$1,395
Gloss black acrylic, light oak, dark oak, or black oak finish\$1,495

Star. As above, with vacuum-pump record clamping and antistatic dust-isolation mat. Satin black\$2,095
Gloss black acrylic, light oak, dark oak, or black oak finish\$2,195

Nova. As Star, with vinyl-format vacuum platter mat, integrated pump/electronic flywheel power supply, composite multiple-layer armboard, reflex clamp, and Zirconia bearing. Satin black\$2,695
Gloss black acrylic, light oak, dark oak, or black oak finish\$2,795

Cosmos. As Nova, with one-piece subassembly making platter, motor, and armblock functioning as single entity, multiple-layer laminate arm support block, critically balanced armboard made of 5 layers of acrylic, lead, and aluminum, critically damped Fountainhead cabinet, and Fountainhead pump/flywheel/power-supply unit. Black or gray matrix; architectural white Fountainhead\$4,400
High-gloss piano black on Fountainhead\$5,000

Satellite Manual Turntable

Belt drive. Features polymer platter and subplatter; 4-point elastic suspension; Turcite polymer bearing cup; 24-pole AC synchronous motor. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Satin black\$749
Gloss black acrylic, light oak, dark oak, or black oak finish\$829
Comet. As above, with sound-pressure level/W/m straight fixed-head tonearm. Without 4-point suspension. Features monolithic internally damped cabinet; energy-absorbing leveling feet with proprietary viscoelastic polymer pad; copper tonearm cables; gold RCA plugs. Includes dust cover. Satin black\$549
Gloss black acrylic\$629

TEAC

P-595 Semiautomatic Turntable

Belt drive with straight tonearm and Audio-Technica plug-in cartridge. Features DC motor. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.1% wrms; rumble 55 dB; effective tonearm length 215 mm. Dimensions: 17 x 3 $\frac{1}{2}$ x 13 $\frac{1}{4}$ in\$119

TECHNICS

SL-1200 MkII Manual Turntable

Direct drive with curved tonearm. Features quartz-locked drive; gimbal pivoted tonearm; brushless DC motor; antiresonant viscoelastic main base. Adjustable vertical tracking angle; quartz-locked variable $\pm 8\%$ pitch control. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.025% wrms\$550

SL-QD33K Automatic Turntable

Direct drive with straight tonearm. Features quartz drive with phase-lock control; separate motors for platter and tonearm; gimbal pivot; antiresonant/antivibration construction. Illuminated stroboscope; auto record-size selector\$270

SL-BD22K Semiautomatic Turntable

Belt drive with straight tonearm. Servo motor; antiresonant/antivibration construction; gimbal pivot. Illuminated stroboscope; $\pm 6\%$ pitch control\$170

SL-BD20A Semiautomatic Turntable

Belt drive with straight tonearm and cartridge. Features servo motor; antiresonant/antivibration construction; gimbal pivot\$150

SI-BD20 Semiautomatic Turntable

Belt drive with straight tonearm. Features servo motor; antiresonant/antivibration construction; gimbal pivot\$140

THORENS

The following are belt driven, feature a straight tubular tonearm, a gimbal suspension, an antiskating control, and a 9.12-in effective tonearm length.

TD-520/SME 312 Semiautomatic Turntable

Features factory-installed SME 312 tonearm; solid-core chassis; 3-point leaf-spring suspension. Electronic speed selection; $\pm 6\%$ pitch control; stroboscope; velocity-sensing auto shut-off; frictionless magnetic antiskating. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm\$4,000

TD-320 MkIII Semiautomatic Turntable

Features 16-pole synchronous motor; solid-core chassis; 3-point leaf-spring suspension. Velocity-sensing auto shut-off. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.04%. 17 $\frac{1}{2}$ x 6 $\frac{1}{4}$ x 13 $\frac{1}{4}$ in\$870

TD-318 MkIII Semiautomatic Turntable

Features 16-pole synchronous motor; solid-core chassis; 3-point leaf-spring suspension. Velocity-sensing auto shut-off. Play speed 33 $\frac{1}{3}$ and 45 rpm. w&F 0.04%. 17 x 6 x 14 in\$700

TD-290 Semiautomatic Turntable

Features dynamically balanced zinc-alloy platter; auto shut-off; detachable headshell. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Dimensions: 17 x 5 $\frac{1}{4}$ x 14 in; 14.3 lb\$490

TD-280 MkIV Semiautomatic Turntable

Features factory-mounted Stanton 400 cartridge; 24-pole synchronous motor; solid core chassis; spring damping elements in feet; velocity-sensing auto shut-off. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.045%. 17 x 5 $\frac{1}{4}$ x 14 in\$470

TD-180 Semiautomatic Turntable

Features Stanton 500 cartridge (excluding 78 rpm stylus) and TP-20 tonearm; synchronous motor; electronically controlled; auto-retract/shut-off. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm\$430

VPI

The following are belt-driven with play speeds of 33 $\frac{1}{3}$ and 45 rpm.

TNT Series 3 Turntable

Features 4 independent coil suspension; 2-in thick laminated acrylic chassis; zero side load, aluminum/acrylic/lead platter; 21 lb stainless steel isolated motor drive; isolated loop drive 4-pulley system; reflex record clamping; variable speed power line conditioner. 21 $\frac{1}{4}$ x 16 $\frac{1}{2}$ x 7 in\$5,000

TNT Junior Turntable

Features Sorbothane suspension; 2-in thick laminated acrylic chassis; 21 lb stainless steel isolated motor drive; reflex record clamping. Upgradable to Series 3. Dimensions as above\$2,800

HW-19 MK-4 Turntable

Features TNT suspension; stainless steel/acrylic chassis; 20 lb TNT platter and bearing. Dimensions as above\$1,800

HW-19 MK-3 Turntable

Features 4-point spring suspension; stainless steel/acrylic chassis; lead-filled acrylic platter. Dimensions as above\$1,200

HW-19 JR. Turntable

Features Sorbothane suspension, 1-in MDF subchassis; clear acrylic platter. Available in oak, black oak, and walnut finishes. Dimensions as above\$600

WELL TEMPERED LABS

The following are equipped with an appropriate Well Tempered tonearm.

Well Tempered Reference Turntable

Features a chatter-free, silicone fluid bath bearing; isolated motor assembly; proprietary belt. w&F 0.001%\$4,495

Well Tempered Super Turntable. As above\$2,995

Well Tempered Classic Turntable. As above\$2,495

Well Tempered Record Player Turntable. As above\$1,495

YAMAHA

TT-400U Automatic Turntable

Belt drive with straight tonearm. Features disc clamping; resonance-absorbing mat. RS-system remote-control compatibility\$249

AUDIO BY VAN ALSTINE

Longhorn Z Phono Cartridge

Features internal damping; external stabilization. Output 5.6 mV; FR 10-55,000 Hz; ch sep 25 dB; tracking force 1.5 g\$99

AUDIO NOTE

Io-2 Moving-Coil Phono Cartridge

Van den Hul stylus. Features gun-metal body; titanium cantilever; silver coils. Ch sep 44 dB at 1,000 Hz; tracking force 1.8-3 g\$2,695
Replacement stylus and coils\$1,300

AN-1/s-V Tonearm

Straight. Features 2-metal self-damping arm tube; silver wiring and interconnect. 266.4 mm\$1,995

AN-0/c-A Tonearm

Features exponential arm tube; 6N copper interconnect. Fixed cartridge mount; cueing\$995

AUDIOQUEST

Phono Cartridges

Model 7000NSX. Output 0.3 V\$1,795
B-200MH. Output 1.4 mV\$995
B-200L. Output 0.5 mV\$995
Model 404i-MH. Output 1.4 mV\$695
Model 404i-L. Output 0.5 mV\$695
MC-5. MC phono cartridge. Output 1.4 mV\$395

Tonearms

PT-8. Damped arm tube; adjustable pivot damping; Lapis+ tonearm cable. Black\$650
PT-7. As above. AudioQuest Z tonearm cable\$550
PT-6. As PT-8. wiring not Lapis+\$450

AUDIO-TECHNICA

AT440ML Phono Cartridge

Features tapered alloy tube cantilever. Output 5 mV at 1,000 Hz, 5 cm/s; FR 5-32,000 Hz; ch sep 30 dB at 1,000 Hz; tracking force 0.8-1.6 g\$189

AT132EP Phono Cartridge

0.2 x 0.7-mil nude biradial stylus. Features tapered alloy tube cantilever. P-mount. Output 5 mV at 1,000 Hz, 5 cm/s; FR 10-30,000 Hz; ch sep 30 dB at 1,000 Hz; tracking force 0.8-1.6 g\$149

AT331LP Phono Cartridge

Linear contact stylus. Features tapered alloy tube cantilever. P-mount and universal. Output 3 mV at 1,000 Hz, 5 cm/s; FR 10-30,000 Hz; ch sep 31 dB at 1,000 Hz; tracking force 1-1.5 g\$129

AT120E/T Phono Cartridge

0.3 x 0.7-mil nude biradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-25,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.8 g\$89

AT316EP Phono Cartridge

0.3 x 0.7-mil nude biradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 10-27,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.5 g\$79

AT311EP Phono Cartridge

0.3 x 0.7-mil biradial stylus. P-mount and universal. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-27,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.5 g\$69

AT301EP Phono Cartridge

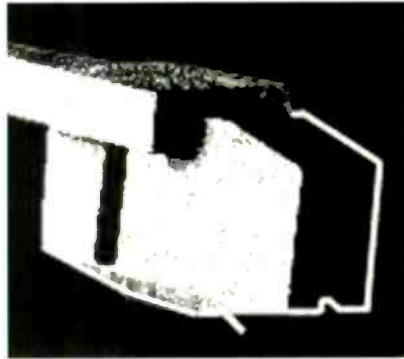
0.4 x 0.7-mil biradial stylus. P-mount and universal. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-25,000 Hz; ch sep 26 dB at 1,000 Hz; tracking force 1-1.5 g\$59

AT71ELC Phono Cartridge

0.4 x 0.7-mil biradial stylus. Output 3.5 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 22 dB at 1,000 Hz; tracking force 1-2 g\$59

AT300P Phono Cartridge

0.6-mil unradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 26 dB at 1,000 Hz;



tracking force 1-1.5 g\$59

AT70L Phono Cartridge\$49

BENZ MICRO

Ruby Moving-Coil Phono Cartridge

Nude micro-edge diamond stylus. Features vented machined Bruyère wood body; solid-boron rod cantilever; square ruby-jewel-plate coil. Output 0.3 mV at 1,000 Hz; FR 10-50,000 Hz; channel separation 40 dB at 1,000 Hz; tracking force 2-2.5 g. 8.6 g\$3,000

Reference Moving-Coil Phono Cartridge

Nude micro-edge diamond stylus. Features vented machined Bruyère wood body; solid-boron rod cantilever; square pure-iron-plate coil. Output 0.4 mV at 1,000 Hz; FR 10-50,000 Hz; channel separation 40 dB at 1,000 Hz; tracking force 2-2.5 g. 8.6 g\$2,500

H2O Moving-Coil Phono Cartridge

Nude micro-edge diamond stylus. Features vented machined Bruyère wood body; solid-boron rod cantilever; pure iron cross coil. Output 2 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; recommended tracking force 2-2.5 g. 8.6 g\$1,800
MO.9. As above, output 0.9 mV at 1,000 Hz\$1,500
LO.4. As MO.9. output 0.4 mV at 1,000 Hz\$1,200

Glider Moving-Coil Phono Cartridge

Nude micro-edge diamond stylus. Features hand-wound iron cross coil; open free-floating design; solid-aluminum base; aluminum-alloy tube cantilever. Output 1 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; tracking force 2-2.5 g. 6.5 g\$750

MC Gold Moving-Coil Phono Cartridge

0.3 x 0.7 elliptical diamond stylus. Features aluminum-alloy tube cantilever. Output 0.4 mV at 1,000 Hz; FR 20-25,000 Hz; ch sep 30 dB at 1,000 Hz; recommended tracking force 1.8-2.2 g. 5.7 g\$325
MC Silver. As above, output 2 mV at 1,000 Hz\$325
MC20E II. As MC Gold, output 2.5 mV at 1,000 Hz; FR 15-40,000 Hz. ch sep 25 dB at 1,000 Hz, recommended tracking force 1.7-2.3 g. 4 g\$125

DENNESEN

ABL-1 Tonearm

Lateral tracking. Features air bearing; gold plating. Adjustable vertical tracking angle\$2,000

DENON

DL-160 Moving-Coil Phono Cartridge

Features output level high enough for MM-phono pre-amplifier input; one-point cantilever suspension; tapered double-construction cantilever\$150
DL-110. As above, cantilever not tapered\$120

EMINENT TECHNOLOGY

Model 2 Tonearm

Straight. For use with turntable having interchangeable arm board. Features air bearing; magnesium arm tube; dynamic fluid damping; decoupled counterweight. Adjustable vertical tracking angle. In-

cludes air pump, line, and filter\$2,000

GRAHAM ENGINEERING

Graham 1.5 Tonearm

Straight. Features brass side weights; armtube damping with concentric tubes of aluminum and stainless-steel with energy-absorbing damping bands separating inner and outer tubes; silicone fluid in pivot well for horizontal and vertical damping. SME-compatible mounting; locking adjustments for overhang, azimuth, vertical tracking angle, and tracking force. Includes gold-plated brass cartridge-mounting screw, gauge, and tool kit. Matte gold or chrome finish\$2,350
Graham 1.5i. As above, tungsten side weights. Includes azimuth-alignment box\$2,750

Options

IC-2.5. Junction box. 5-pin plug to female WBT RCA termination box\$250
IC-2. Junction box. 5-pin plug to female Tiffany-style RCA termination box\$150
IC-30. Tonearm cable with same conductor as tonearm. DIN to RCA or XLR termination. 1 m\$500
Additional 1/2-m pr\$150
AZ-1. Azimuth alignment box allowing azimuth setting by ear\$150

JANIS

JMAS MIT-1 Moving-Coil Phono Cartridge

Original van den Hul stylus. Features geometric stylus profile designed to resemble that of record-cutting stylus; solid boron cantilever. Output 0.25 mV at 1,000 Hz, 5 cm/s; FR 10-10,000 Hz ± 1 dB; ch sep 25 dB at 1,000 Hz; recommended tracking force 2.25-2.5 g. 5.5 g\$650

KAB ELECTROACOUSTICS

KS500-27 Phono Cartridge

2.7-mil conical stylus. Designed for 78-rpm playback. Output 2 mV/cm\$44

LINN

Ekos Tonearm

Features dynamically balanced design; temperature-compensated springs; hydraulic lift/lower mechanism; gold connectors; adjustable spring bias and tracking forces. Pivot-to-stylus length 211 mm; recommended cartridge weight 4-9 g; effective mass 11.5 g; stylus overhang 18 mm\$2,495

Akita Tonearm

Features adjustable spring bias; statically balanced design; counterweight tracking-force adjustment. Pivot-to-stylus length 211 mm; recommended cartridge weight 2-10 g; effective mass 10 g; stylus overhang 18 mm\$395

Phono Cartridges

Arkiv Moving-Coil Phono Cartridge

Nude diamond stylus. Features 3-point mounting; gold contacts. Output 150 μ V; ch sep 30 dB at 1,000 Hz; tracking force 1.55-1.75 g\$2,195

Klyde Moving-Coil Phono Cartridge

Nude diamond stylus. Features gold contacts. Output 150 μ V; ch sep 30 dB at 1,000 Hz; tracking force 1.55-1.75 g\$1,095

K18/II Phono Cartridge

Nude diamond stylus. Features metal body; gold contacts. Output 4.5 mV; ch sep 30 dB at 1,000 Hz; tracking force 1.5-2 g\$595

K9 Phono Cartridge

Nude diamond stylus. Features metal body; gold contacts. Output 4.5 mV; ch sep 20 dB at 1,000 Hz; tracking force 1.5-2 g\$295

K5 Phono Cartridge

Elliptical stylus. Output 4.5 mV; ch sep 20 dB at 1,000 Hz; tracking force 1.5-2 g\$150

C A R T R I D G E S & T O N E A R M S

LYRA

Parnassus Phono Cartridge

Features reference design; platinum/iron magnet; removable body. Output 0.2 mV; FR 10-50,000 Hz; ch sep 35 dB. 9 g without body cover\$2,995

Clavis De Capo Phono Cartridge

Features mono-block construction; ceramic-alloy cantilever\$1,695

Lydian Phono Cartridge

Features boron cantilever; neodymium magnet; wire suspension with dual damping system. Output 0.3 mV; FR 10-40,000 Hz; ch sep 30 dB. 10.5 g with body cover\$895

NAIM

ARO Tonearm

Features uni-pivot design; removable arm tube; balanced weight assembly; adjustable arm height. Effective length 230 mm; recommended cartridge weight 5.5-12 g; overhang 18 mm\$1,695

ARO Arm Top

.....\$895

ARO Arm Bottom

.....\$815

ARO-Matic Arm Lift

.....\$215

LP12 Arm Board

.....\$65

PICKERING

XSV/5000 MkIIs Phono Cartridge

Stereohedron stylus. Output 3.8 mV; FR 10-50,000 Hz; tracking force ¾-1½ g. 5.6 g\$330

TL-3S Phono Cartridge

Stereohedron stylus. Features universal mounting. Output 4.4 mV; FR 10-25,000 Hz; tracking force ¾-1½ g. 5.9 g\$185

XV-15/625DJP Phono Cartridge

Elliptical stylus. For professional use. Features fluorescent back-cueing on stylus tip. 2 replacement styli. FR 20-20,000 Hz; tracking force 1-4 g\$180
XV-15/625DJ. As above, no extra stylus\$108

XV-15/625 Phono Cartridge

Elliptical stylus. FR 10-25,000 Hz; tracking force ¾-1½ g. 6.3 g\$146

XV-15/150DJP Phono Cartridge

Spherical stylus. For professional use. Includes replacement stylus. FR 10-20,000 Hz; tracking force 2-4 g. 6.2 g\$140
XV-15/150DJ. As above, no extra stylus\$105

V15DJ-DP Phono Cartridge

Spherical stylus. Includes 2 replacement styli, 2 cartridges. Output 4.4 mV; FR 20-20,000 Hz; tracking force 2-5 g. 5.5 g\$110
V15/DJP. As above, no extra cartridge\$85
V-15/DJ. As above, no extra stylus\$57

TLE Phono Cartridge

Elliptical stylus. Output 4.4 mV; FR 10-20,000 Hz; tracking force 1-1½ g. 6 g\$73

RADIO SHACK

V15 Type RS Phono Cartridge\$50

RX1500 Phono Cartridge\$35

RXP3 Phono Cartridge\$30

RSS00DJ Phono Cartridge\$30

R47XT Phono Cartridge\$27

R25XT Phono Cartridge\$19.99

RPM

RPM Tonearm

Unipivot design. Azimuth and vertical-tracking-angle adjustment; single-screw mounting\$1,495

SHURE

V15VMR Phono Cartridge

Features beryllium stylus shank. Output 3.2 mV at 1,000 Hz, 5 cm/s; FR 10-28,000 Hz; ch sep 25 dB at 1,000 Hz; tracking force 1 g\$175

M110HE Phono Cartridge

Features telescoped stylus shank; hyper-elliptical tip; stylus protection system. Standard or P-mount\$70

M55E Phono Cartridge

0.2 x 0.7-mil biradial elliptical stylus. Output 6.2 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 0.75-2 g\$55

M44G Phono Cartridge

15-micron spherical stylus. Flip-down stylus guard. Output 6.2 mV; FR 20-20,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 0.75-1.25 g\$50

SC35C Phono Cartridge

Spherical stylus. Output 5 mV; FR 20-20,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 4-5 g\$45

M104E Phono Cartridge

0.2 x 0.7 mil elliptical stylus. Features tubular heat-treated aluminum shank. P-mount. Output 5 mV at 1,000 Hz, 5 cm/s; tracking force 1.25 g\$40

SIGNET

Analog Master Series

AM40S Phono Cartridge

Square-shank nude straight-line-contact stylus. Features tapered beryllium cantilever. FR 5-35,000 Hz; tracking force 0.8-1.6 g\$275

AM30S Phono Cartridge

As above but 0.3 x 0.7 mil nude elliptical stylus. Features thin-wall alloy tapered cantilever. FR 5-30,000 Hz; tracking force 0.8-1.6 g\$225

AM10S Phono Cartridge

As above but diamond stylus, aluminum cantilever. FR 15-25,000 Hz; tracking force 1.3-2.3 g\$125
AM10P. P-mount version of above\$125

Standard Series

Model 103 Phono Cartridge

0.4 x 0.7 mil elliptical stylus. Universal mount. Output 5 mV at 5 cm/sec; FR 15-25,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1.6 g\$90

Model 101 Phono Cartridge

As above but 0.6 mil stylus. FR 20-20,000 Hz; ch sep 24 dB at 1,000 Hz\$60

Model 100 Phono Cartridge

As 103, standard mount only. Output 4.2 mV at 5 cm/sec; FR 20-22,000 Hz; ch sep 22 dB at 1,000 Hz; tracking force 1.5-2.5 g\$60

STANTON

Collector's Series 100 Phono Cartridge

Stereohedron II diamond stylus. Features sapphire-coated cantilever. Output 0.76 mV/cm/sec; ch sep 35 dB. 5.5 g\$407

Trackmaster EL-1 Phono Cartridge

Stereohedron 0.4 x 0.7-mil elliptical stylus. Includes extra stylus. Output 5.2 V; FR 20-20,000 Hz; tracking force 2-5 g. 18 g\$258
Trackmaster EL-2. As above, with 2 extra styli\$325

Trackmaster AL-1 Phono Cartridge

0.7-mil spherical stylus. Designed for scratch-mixing. Output 5.2 mV; FR 20-20,000 Hz; tracking force 2-5 g. 18 g\$205
Trackmaster AL-2. As above, 2 extra styli\$245

Model 881 MkIIs Phono Cartridge

Stereohedron II diamond stylus. Features samarium-cobalt magnet. Output 0.9 mV/cm/sec; ch sep 35 dB. 5.5 g\$244

L747S Phono Cartridge

Stereohedron stylus. Output 0.8 mV/cm/sec; FR 10-36,000 Hz; tracking force 0.75-1.5 g. 6 g\$197

Model 890AL Phono Cartridge

Diamond stylus. Designed for scratch-mixing and back-cueing. Features computer-designed 4-coil body. Includes extra stylus. Output 0.76 mV/cm/sec; FR 20-20,000 Hz; ch sep 30 dB; tracking force 2-7 g. 5.5 g\$183

Model 681EEE MkIII Phono Cartridge

Stereohedron III diamond stylus\$176

Model 680EL Phono Cartridge

Elliptical diamond stylus. May be used for scratch-mixing and back-cueing. Features 4-coil design; aluminum-alloy cantilever. Output 1.1 mV/cm/sec; FR 20-18,000 Hz; tracking force 2-5 g. 5.5 g\$156

Model 680EL-MP. Matched pair of above. Tracking force 3.5-4 g\$217

Model 680EL-C. As Model 680EL, with extra stylus on hang-card\$156

L680EL Phono Cartridge

For plug-in tonearms. Increases P-mount tracking force from 1.5 to 3.5 g and makes cartridge capable of scratch-mixing and back-cueing\$156

Model 680AL Phono Cartridge

Spherical stylus. Includes extra stylus\$136

L727E Phono Cartridge

Elliptical diamond stylus. P-mount. Output 1.2 mV/cm/sec; FR 10-20,000 Hz. 6 g\$129

Model 680EE Phono Cartridge

Elliptical diamond stylus. Features 4-coil design. Output 0.82 mV/cm/sec; FR 20-22,000 Hz; tracking force 0.75-1.5 g. 5.5 g\$115

Model 500EL Phono Cartridge

Elliptical diamond stylus. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 2-5 g. 5.5 g\$93

Model L725E Phono Cartridge

Elliptical stylus. Output 0.8 mV/cm/sec; FR 10-22,000 Hz; tracking force 0.75-1.5 g. 6 g\$93

Model 500AL Phono Cartridge

Spherical stylus. Designed for scratch-mixing and back-cueing. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 2-5 g. 5 g\$83

Model 500AL-MP. Matched pair of above\$176

Model 500AL-PC. As Model 500AL, with 2 additional styli\$123

Model 500AL-DP. As Model 500AL, with 1 additional stylus\$108

L500AL Phono Cartridge

Spherical stylus. For plug-in tonearms. Increases P-mount tracking force from 1.5 to 3.5 g and makes cartridge capable of scratch-mixing and back-cueing. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 3.5-4 g. 8.4 g\$83

Model 500E MkII Phono Cartridge

Elliptical stylus. Designed for entry-level system. Output 0.8 mV/cm/sec; FR 10-22,000 Hz; tracking force 1-2 g. 5.5 g\$81

L720EE Phono Cartridge

Elliptical diamond stylus. Designed for difficult records. Output 0.9 mV/cm/sec; FR 10-20,000 Hz; tracking force 0.75-1.5 g. 5 g\$81

STC-710 Phono Cartridge

.....\$27

WELL TEMPERED LABS

Tonearms

Well Tempered Reference Tonearm

Features a chatter-free bearing system; horizontal and vertical adjustable viscous damping\$1,595

Well Tempered Classic Tonearm\$995

Well Tempered Record Player Tonearm\$695

BANG & OLUFSEN

Beomaster 7000 50-W/ch Receiver

2 channels. 50 W x 2 rms into 8 ohms. Line-level output; speaker outputs; Powerlink audio and digital output for Bang & Olufsen's Beolab powered speakers. Features RDS reception; frequency-synthesis AM/FM tuning; overload protection. Integration with Beosystem 7000; 20 station presets. Amp: THD 0.09%. FM: cap ratio 1.7 dB; S/N 70 dB stereo. 16 1/2 x 3 x 12 1/4 in; 19.2 lb. Beolink 7000 remote control with illuminated display\$3,000

CARVER

HR-895 365-W A/V Receiver

5 channels; Dolby Pro Logic and 3 other surround modes. 110 W x 2 (front) from 20-20,000 Hz with 0.09% THD + 75 x 2 (center) + 35 x 2 (rear), all into 8 ohms. 7 audio inputs including phono; 4 composite-video inputs; 3 S-video inputs; subwoofer output; pre-out/main-in loop for each channel; CATV coaxial FM input. Features Sonic Holography image-enhancing circuitry; digital-synthesis tuner; ACCD anti-multipath tuner circuitry. Multiroom capability with infrared receiver and independent operation for a second zone; 30 tuner presets; program/sleep timer; programmable 2-zone remote control. Amp: FR 20-20,000 Hz ± 0.5 dB; S/N 75 dB phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo at 1,000 Hz. Dimensions: 19 x 6 1/4 x 17 1/2 in; 34 lb\$1,250

HR-875 295-W A/V Receiver

5 channels; Dolby Pro Logic and 3 other surround modes. 75 W x 2 (front) from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 6 audio inputs; 3 composite-video inputs; 4 composite-video outputs; subwoofer output; CATV coaxial FM input. 30 tuner presets; program/sleep timer; removable rack handles; remote controls. Multiroom kit optional. Amp: FR 20-20,000 Hz ± 0.5 dB; S/N 75 dB phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 70 dB narrow; signal-to-noise ratio 68 dB stereo; total harmonic distortion 0.5% stereo at 1,000 Hz. 19 x 6 1/4 x 16 1/2 in; 31 lb\$850

HR-742 80-W/ch A/V Receiver

2 channels. 80 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD or 130 x 2 into 4 ohms. 5 line-level inputs; phono input; 3 composite-video inputs; CATV coaxial FM input. Features digital-synthesis tuner; ACCD anti-multipath tuner circuitry; Sonic Holography image-enhancing circuitry; motor-driven volume control. 30 tuner presets; sleep timer; remote control. Amp: FR 20-20,000 Hz ± 0.5 dB; S/N 75 dB phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 60 dB; S/N 68 dB stereo; THD 0.5% stereo at 1,000 Hz. 19 x 5 1/4 x 15 1/4 in; 11 lb\$650

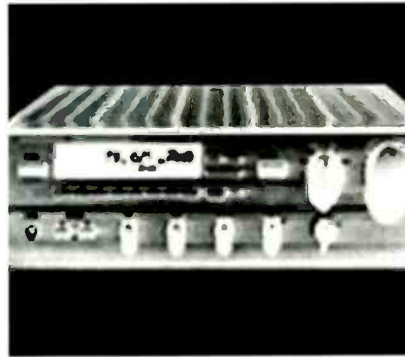
DENON

DRA-835R 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.015% THD. MM phono input; video inputs and outputs; pre-out/main-in loops; two switched AC outlets. Features Class A amplifiers; straight-line chassis design; frequency-synthesis tuning; motor-driven volume control. Switchable IF bandwidth; 40 AM/FM presets; variable loudness control; source-direct switch. Programmable remote with master volume and A/B speaker-switching controls\$800

DRA-635R 80-W/ch Receiver

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Video inputs and outputs; line-level outputs; two switched AC outlets. Features Class A amplifiers; discrete output transistors; straight-line chassis design; frequency-synthesis tuning; motor-driven volume control. 40 AM/FM presets; variable loudness control. Denon IS-system remote with volume control\$550



DRA-565RD 65-W/ch Receiver

2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Video inputs and outputs; line-level output; 3-way speaker outputs; switched AC outlet. Features RDS digital-data reception; discrete output transistors; frequency-synthesis tuning; motor-driven volume control. 40 AM/FM presets with labeling; variable loudness control; bass EQ switch. Denon IS-system remote with volume control\$400

DRA-365R 48-W/ch Receiver

2 channels. 48 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Video inputs and outputs. Features discrete output transistors; frequency-synthesis tuning; motor-driven volume control. 40 AM/FM presets with labeling; variable loudness control. Denon IS-system remote with volume control\$300

A/V Receivers

AVR-3000 400-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, CLASSIC, ROCK, CHURCH, JAZZ, STADIUM, MONO-MOVIE, and MATRIX modes; DSP. 110 W x 3 (front, center) + 35 x 2 (rear). 9 audio inputs; 4 audio outputs; 2 center-channel outputs; line-level outputs; 5 composite/S-video inputs; 3 composite/S-video outputs; main amplifier inputs. Features Class A amplifiers for front and center channels; discrete amplifier for each channel; frequency-synthesis tuning. Normal, wide, and phantom center-channel modes; WIDESCREEN and LIVE DSP Dolby Pro Logic modes; CD-direct switch; 16 AM/FM presets. Simple and programmable remote controls\$1,400

AVR-2500 305-W A/V Receiver

5 channels; Dolby Pro Logic, CLASSIC-CONCERT, ROCK, JAZZ-CLUB, SUPER-STADIUM, MONO-MOVIE, and MATRIX modes; DSP. 85 W x 3 (front, center) + 25 x 2 (rear). 7 audio inputs; 4 audio outputs; 2 center-channel outputs; main amplifier inputs; front, center, and mono line-level outputs; 3 S-video inputs; 3 S-video outputs; 4 composite-video inputs; 4 composite-video outputs. Features RDS radio-data reception with front-panel/on-screen displays; discrete amplifiers for front and center channels. Normal, wide, and phantom center-channel modes; WIDESCREEN and LIVE DSP Dolby Pro Logic modes; 32 AM/FM presets; video input selector; remote/front-panel A/B speaker switching; icon-based on-screen displays; FL display. Programmable remote control\$1,000

AVR-1500 250-W A/V Receiver

5 channels; Dolby Pro Logic, CLASSIC-CONCERT, ROCK, JAZZ-CLUB, SUPER-STADIUM, and MONO-MOVIE modes; DSP. 70 W x 3 (front, center) + 20 x 2 (rear). 6 audio inputs; 2 audio outputs; mono and center-channel line-level outputs; 3 video inputs; 2 video outputs. Features RDS radio-data reception; discrete amplifiers for front and center channels. Normal, wide, and phantom center-channel modes; WIDESCREEN and LIVE DSP Dolby Pro Logic modes; 32 AM/FM presets; video input selector; remote/front-panel A/B speaker switching; FL display. Programmable remote control; simple remote optional\$750

AVR-1000 250-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, WIDE-

SCREEN, LIVE, MONO-MOVIE, CLASSIC, ROCK, and STADIUM modes; DSP. 70 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms. Features discrete power amp for front and center channels; frequency-synthesis tuning with 3-pole varactor diode in front end. 5 audio inputs; 2 audio outputs; 2 composite-video inputs; 2 composite-video outputs; mono subwoofer output. Normal, wide, and phantom center-channel modes; auto input balance; memory for source, surround mode; level/balance settings for center and rear speakers, delay time, and DSP parameters accessible via remote control; 16 AM/FM presets; scan tuning; last-function memory; FL display. System remote control with level controls for all channels; simple remote optional\$650

AVR-800 210-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, HALL, and STUDIO modes. 60 W x 3 (front, center) + 15 x 2 (rear). 5 audio inputs; 2 audio outputs; 2 video inputs; 2 video outputs. Features discrete amplifiers for front and center channels; frequency-synthesis tuning. Normal, wide, and phantom center-channel modes; 16 AM/FM presets. Denon IS-system remote control; simple remote optional\$400

FISHER

RS-737 280-W A/V Receiver

5 channels; Dolby Pro Logic mode. 80 W x 3 (front, center) rms into 8 ohms at 1,000 Hz with 0.9% THD + 20 x 2 (rear) rms into 8 ohms at 1,000 Hz with 0.9% THD or 120 x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. 4 audio and 2 A/V inputs; front and rear-panel A/V inputs. Features quartz-PLL tuning. Selectable digital delay; 40 AM/FM presets; 7-band EQ; A/V switching; A/B speaker switching; FL display. A/V remote including controls for Fisher 24-disc changer\$450

RS-727 240-W A/V Receiver

5 channels; Dolby Pro Logic mode. 100 W x 2 (front) from 20-20,000 Hz with 0.08% THD + 20 x 1 (center) at 1,000 Hz with 0.9% THD + 10 x 2 (rear) at 1,000 Hz with 0.9% THD, all rms into 8 ohms. 4 audio and 2 A/V inputs. Features quartz-PLL tuning. Selectable digital delay; 40 AM/FM presets; A/V switching; bass, midrange, and treble controls; A/B speaker switching; FL display. A/V remote with controls for Fisher 24-disc CD changer\$350

RS-717 80-W/ch Receiver

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.9% THD. 4 audio inputs. Features quartz-PLL tuning. 40 AM/FM presets; A/B speaker switching; FL display. Remote with controls for Fisher 24-disc CD changer\$250

HARMAN KARDON

AVR30 190-W A/V Receiver

5 channels; Dolby Pro Logic; DSP. 50 W x 3 (front, center) into 6 ohms from 20-20,000 Hz with 0.09% total harmonic distortion + 20 x 2 (rear) into 4 ohms from 100-10,000 Hz with 0.3% THD or 60 x 2 into 6 ohms from 20-20,000 Hz with 0.09% THD. 4 audio and 4 video inputs; 2 tape and 2 VCR monitors. Features discrete amplifiers for all channels. Audio-direct mode; 4 room-size and 5 effect-level DSP parameters; memory for surround and DSP settings; 12-way dubbing matrix; video switching; simulcast listening and recording; 16 AM/FM presets; on-screen displays. System remote and separate home-theater controller\$1,149

AVR25 245-W A/V Receiver

5 channels; Dolby Pro Logic, THEATER, STADIUM, and Dolby 3 Stereo modes. 65 W x 3 (front, center) + 25 x 2 (rear), both into 8 ohms from 20-20,000 Hz with 0.3% THD or 75 x 2 into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio inputs with tape monitor; 5 video inputs; line-level outputs for each channel. Features discrete amplifiers for front and center channels. Dolby Time Link digital-delay system; adjustable digital delay; 30 AM/FM presets; VCR-dubbing capability\$769

R E C E I V E R S

AVR20 170-W A/V Receiver

5 channels; Dolby Pro Logic, HALL, and Dolby 3 Stereo modes. 50 W x 3 (front, center) into 8 ohms from 20-20,000 Hz with 0.09% THD + 10 x 2 (rear) from 20-20,000 Hz with 0.3% THD or 60 x 2 into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio inputs; 4 video inputs; tape monitor; line-level outputs for each channel. Features discrete amplifiers for all channels. 30 AM/FM presets; VCR-dubbing capability. System remote control\$529

HK3550 50-W/ch Receiver

2 channels. 50 W x 2 into 8 ohms with 0.09% THD or 55 x 2 into 4 ohms with 0.3% THD. Phono input; 2 tape monitors; outputs for 2 speaker pairs. Features digital-synthesis quartz-locked tuning. 30 AM/FM presets; seek tuning; loudness contour. Remote control\$529

HK3350. As above, 25 W x 2 into 8 ohms with 0.09% THD or 35 x 2 into 4 ohms with 0.3% THD. No phono input. 20 AM/FM presets\$399

JVC

RX715VTN 250-W A/V Receiver

5 channels; Dolby Pro Logic, HALL, and STADIUM surround modes. 70 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms at 1,000 Hz with 0.7% THD or 120 x 2 into 8 ohms from 20-20,000 Hz with 0.06% THD. Line-level subwoofer and rear outputs; 2 video inputs; outputs for 2 speaker pairs; headphone jack. Features discrete output transistors; computer-controlled digital synthesizer tuner. Adjustable digital delay; 40 AM/FM presets; station-name display; spectrum peak indicator; FL display. A/V remote control with power switch\$500

RX815VTN. As above, with DSP, digital Dolby Pro Logic. 7-band graphic EQ with 5 user presets, and front-panel A/V input. A/V remote control with illuminated keys\$630

RX515VTN 220-W A/V Receiver

5 channels; Dolby Pro Logic and HALL surround modes. 60 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms at 1,000 Hz with 0.7% THD or 80 x 2 into 8 ohms from 20-20,000 Hz with 0.06% THD. 2 video inputs; outputs for 2 speaker pairs; headphone jack. Features discrete output transistors; computer-controlled digital-synthesis tuner. Adjustable digital display; station-name displays; 40 AM/FM presets; FL display. A/V remote control with power switch\$380

RX315TN 105-W/ch Receiver

2 channels. 105 W x 2 into 8 ohms from 40-20,000 Hz with 0.8% THD. Outputs for 2 speaker pairs; headphone jack. Features discrete output transistors; computer-controlled digital-synthesis tuner; motor-driven volume control. 4-speaker surround mode; 40 AM/FM presets; FL display. A/V remote control with power switch\$260

KENWOOD

KR-V8060 350-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, ARENA, JAZZ CLUB, STADIUM modes; DSP. 100 W x 3 (front, center) + 25 x 2 (rear). 4 audio inputs; video input; line-level outputs for left, right, center, rear-left, rear-right, and subwoofer; 2 video outputs; outputs for 2 front-speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; fan cooling; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; universal remote control with mute\$549

KR-V7060 350-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, THEATER-LOGIC modes. 100 W x 3 (front, center) + 25 x 2 (rear). 4 audio inputs; video input; line-level outputs for left, right, center, rear-left, rear-right, and subwoofer; 2 video outputs; outputs for 2 front-speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; fan cooling; motor-

driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control with mute\$399

KR-V6060 250-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, THEATER-LOGIC modes. 70 W x 3 (front, center) + 20 x 2 (rear) or 100 x 2. 4 audio inputs; video input; 2 video outputs; outputs for 2 front-speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control with mute\$359

KR-V5560 250-W A/V Receiver

5 channels; Dolby Pro Logic and Dolby 3 Stereo modes. 70 W x 3 (front, center) + 20 x 2 (rear). 4 audio inputs; video input; 2 video outputs; outputs for 2 front-speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control with mute\$299

KR-A5060 100-W/ch Receiver

2 channels. 100 W x 2. 6 audio inputs; outputs for 2 speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. 10 AM/20 FM presets; direct station access; auto/manual tuning; bass, treble, and balance controls; loudness; FL display; remote control\$229

KR-A4060. As above, 80 W x 2\$199

KR-A3060 50-W/ch Receiver

2 channels. 50 W x 2. 4 audio inputs; outputs for 2 speaker pairs; headphone jack; unswitched AC outlet. Features discrete amplifier circuitry; quartz-synthesis tuner. 10 AM/20 FM presets; direct station access; auto/manual tuning; bass, treble, and balance controls; loudness; FL display\$159

LUXMAN

RV-371 315-W A/V Receiver

5 channels; Dolby Pro Logic, STADIUM, SIMULATED-STEREO, and 2 HALL modes. 12 audio inputs; switchable phono/line-level input; S-video terminals; composite-video on-screen-display output; front-panel A/V input; system bus connection; outputs for 2 front speaker pairs. 75 W x 2 (front) + 55 x 3 (center, rear). Features 5 discrete amplifiers; STAR circuitry. Multi-room capability; variable rear-channel time delay; A/V record selector; FM tuning in 25,000-Hz steps; 20 AM/FM presets; defeatable bass and treble controls; loudness switch; A/B speaker selector; sleep timer; on-screen displays. Black. Remote control\$2,000

MARANTZ

SR-92 MkII 365-W A/V Receiver

5 channels; Dolby Pro Logic mode. 110 W x 2 (front) into 8 ohms from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) into 8 ohms + 35 x 2 (rear) into 8 ohms. Composite- and S-video inputs and outputs; phono input; pre-out/main-in loop for each channel; front-panel A/V input; outputs for 2 front-speaker pairs; line-level subwoofer output. 2-zone multiroom mode; test-tone generator; 30 AM/FM presets with 5-character labeling; wide/narrow tuner IF selection. 2nd multiroom zone kit with infrared receiver and remote control optional. FM: cap ratio 1 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo; ch sep 45 dB at 1,000 Hz; S/N 94 dB phono, 104 dB line. 16 1/2 x 6 1/2 x 16 1/2 in; 34 lb. Programmable and basic-function remote controls\$1,149

SR-82 MkII 295-W A/V Receiver

5 channels; Dolby Pro Logic mode. 75 W x 2 (front) rms from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. Phono input; line-level subwoofer output; pre-out/main-in loop for each channel. Features 12-dB/oct subwoofer crossover at 70 Hz. 2-zone multiroom mode; adjustable delay; 30 AM/FM presets with 5-character labeling; selectable wide/narrow tuner IF and noise reduction; clock/timer. 2nd multiroom zones kit with infrared receiver and remote control optional. FM: cap ratio 1 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo; ch sep 45 dB at 1,000 Hz; S/N 94 dB phono, 104 dB line; 16 1/2 x 5 1/2 x 15 in; 34 lb. Programmable and basic-function remote controls\$899

SR-73 295-W A/V Receiver

5 channels; Dolby Pro Logic mode. 75 x 2 (front) rms from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 4 audio and 3 video inputs; line-level outputs for each channel. Features motor-driven master volume control. Adjustable digital delay; auto input balance; remote-controllable test-tone generator; video dubbing capability; 5 user signal-processing presets; bass, treble, and bass-EQ controls. Programmable remote control with center and rear level controls. FM: cap ratio 1 dB; alt-ch sel 70 dB; S/N 72 dB stereo; THD 0.5% stereo; ch sep 45 dB. S/N 94 dB phono, 104 dB line. 16 1/2 x 5 1/2 x 13 1/2 in; 34 lb\$699

SR-63 70-W/ch Receiver

2 channels. 70 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 170 x 2 into 2 ohms. Phono input. RC-5 system remote-control jacks; AC outlets. Features discrete power-output transistors; motor-driven volume control. Video switching; 30 AM/FM presets with battery-free memory backup; bass, treble, and bass-EQ controls. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 75 dB stereo; THD 0.5% stereo; ch sep 45 dB. S/N 80 dB phono, 90 dB line. 16 1/2 x 5 1/2 x 14 1/2 in. Remote control with controls for other Marantz components\$399

SR-53. As above, 45 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 100 x 2 into 2 ohms. No video inputs or switching\$349

Slim Series

Slim Series components can be linked to form a compact, high-performance system that can be operated via a single remote control when used together.

SR-1020 45-W/ch Receiver

2 channels. 45 W x 2 into 8 ohms with 0.05% THD or 60 x 2 into 4 ohms with 0.2% THD, both rms from 20-20,000 Hz. 6 inputs including phono, tape, and digital tape; banana-plug outputs. Auto/manual tuning; 30 AM/FM presets with 2-speed scan; station name display; clock with timer; sleep function for all Slim Series components. S/N 73 dBA phono, 90 dBA line. FM: 50-dB quieting sens 39.2 dBf stereo; cap ratio 1 dB; alt-ch sel 60 dB; S/N 75 dB stereo; THD 0.5% stereo at 1,000 Hz; ch sep 45 dB. 16 1/2 x 3 x 12 1/2 in; 13.2 lb. Slim Series remote control\$499

NAD

Model 716 205-W A/V Receiver

5 channels. Dolby Pro Logic, HALL modes. 55 W x 3 (main and center) + 20 W x 2 (rear) surround; 80 W x 2 cont avg into 8 ohms or 115 W x 2 cont avg into 4 ohms at 1,000 Hz stereo. 4 audio, including phono, and 3 video inputs; 2 video outputs. Features NAD-Link; all discrete components for output stages; built-in pink noise generator. Record out selector; multi-room source control; display gives accurate information of relative volume settings; direct entry of desired FM frequency on front panel; 40 AM/FM presets with 6 storage banks to program according to station type; modifiable delay time in Dolby Pro-Logic and HALL modes; non-volatile memory retains preferred surround mode settings. Amp: FR 20-30,000 Hz ± 1 dB; THD 0.08% at rated power; S/N 100 dB line, 80 dB phono. FM: S/N 73 dB mono, 67 dB stereo; total harmonic distortion 0.15% mono, 0.25% stereo. Remote control\$749

The following feature Power Envelope circuitry to increase dynamic headroom and Soft Clipping circuitry to prevent speaker-damaging distortion.

Model 705 40-W/ch Receiver

2 channels. 40 W x 2 cont avg into 8 ohms with 0.03% THD. 7 line-level inputs; 2 tape-monitor loops; buffered multiroom output; 5-way binding posts. Features dual-gate MOSFET PLL tuner design; infrasonic filtering in phono stage; IF-count circuitry. Independent listen/record capability; loudness and tone controls; 39 AM/FM presets: dual resolution manual and auto-seek tuning; A/B speaker switching; remote control. Amp: S/N 76 dB phono. 90 dB line. FM: 50-dB quieting sens 35 dBf stereo. \$499

Model 701 25-W/ch Receiver

2 channels. 25 W x 2. Infrared-repeater input for multiroom applications; switchable phono/line input. 20 AM/FM presets; remote control. \$349

NAKAMICHI

AV-1 310-W A/V Receiver

5 channels; Dolby Pro Logic. 100 W x 2 (front) + 50 x 1 (center) + 30 x 2 (rear) into 8 ohms with 0.1% THD. A/V inputs and outputs; video connectors including S-video; pre-out/main-in loops; mono line-level output. Features motor-driven volume control. Spatial-mode, delay-time, balance, center-level, rear-level, and tone controls; direct station access; 30 AM/FM presets; speaker selector. Amp: FR 10-70,000 Hz ±3 dB; S/N 78 dB. FM: 50-dB quieting sens 37.5 dBf stereo; S/N 70 dB; THD 0.3%. 17 x 5 1/4 x 14 in; 31 lb. Programmable remote control. \$1,200

AV-2. As above, 70 W x 2 (front) + 35 x 1 (center) + 20 x 2 (rear) into 8 ohms with 0.1% THD. No S-video connectors. Remote control not programmable. \$850

AV-1RC. Programmable remote control for AV-1 or AV-2. \$150

SPC-2. Power strip for AV-1/AV-2. \$99

RE-1 80-W/ch Receiver

2 channels. 80 W x 2 into 8 ohms. Pre-out/main-in loops; 3 video inputs; 2 video outputs; speaker terminals; A/V inputs and outputs; AC outlet. Features Harmonic Time Alignment amplifier circuitry to keep the amplifier's distortion components aligned with the musical waveform; isolated-ground topology; multi-regulated power supply; video buffer amp; PLL tuner with dual-gate MOSFET; ceramic-resonator MPX section; protection circuitry; isolation buffer at output. Multiroom capability; 10 AM/FM presets; A/B speaker switching; auto seek/manual tuning; loudness control; defeatable gain control; tone control; muting; signal-strength meter; monitor/record-out selectors; FL display. Amp: FR 20-20,000 Hz ±0.5 dB; THD 0.008%; S/N 78 dB. FM: 50-dB quieting sens 37.5 dBf stereo; cap ratio 2 dB. 16 x 3 x 14 in; 26 lb. Remote. \$899

RE-2. As above, 55 W x 2 into 8 ohms. No video inputs/outputs. 20 lb. \$649

RS-7. Surface or in-wall remote sensor mount for RE-1 or RE-2. \$250

RS-5. In-wall remote sensor for RE-1 or RE-2. \$100

RE-3 37-W/ch Receiver

2 channels. 37 W x 2 into 8 ohms. Pre-out/main-in loops. Features isolated-ground topology; multi-regulated power supply; PLL tuner with dual-gate MOSFET; protection circuitry. 10 AM/FM station presets; auto seek/manual tuning; tone controls; FL display; volume control. Amp: FR 20-20,000 Hz ±0.5 dB; THD 0.01%; S/N 98 dB. FM: 50-dB quieting sens 38.5 dBf stereo; cap ratio 2 dB. 16 x 3 x 10 in; 13 lb. Remote control. \$429

ONKYO

The following feature a motor-driven volume control.

TX-SV919THX 420-W THX A/V Receiver

5 channels; digital Dolby Pro Logic, THX decoder, and 8 surround modes. 100 W x 3 (front, center) + 60 x 2 (rear) or 110 x 2, all rms into 8 ohms. 10 audio and 6 video inputs including 6 S-video inputs; line-level outputs for each channel and multiple sources; mono

subwoofer output; fiber-optic digital input; front-panel A/V input. Features bypassable subwoofer crossover. 8-mode digital sound-field processing; separate front and center tone controls; auto input balance; adjustable digital delay; 40 AM/FM presets with battery-free backup; 6 preset groups with scan; direct station access; A/B speaker switching; sleep timer; on-screen displays with cursor control. RI-system programmable remote control, basic-function remote control. \$1,996

Integra TX-SV909PRO 450-W A/V Receiver

7 channels; digital Dolby Pro Logic, Ambisonic, and 8 surround modes. 110 W x 3 (front, center) + 30 x 2 (rear) + 30 x 2 (front enhance) or 110 x 2 rms into 8 ohms. 5 audio inputs; 6 S-video inputs; fiber-optic digital input; 5 audio outputs; 3 S-video outputs; line-level front, rear, center-channel, front-enhance, and subwoofer outputs; 5-way binding posts; gold-plated terminals. Features 3 power transformers. 40 AM/FM presets; 6 preset groups with scan; direct station access; A/V and audio-only record selectors; video dubbing capability; source-direct switch; Onkyo RI-system compatibility; on-screen displays; timer. Amp: FR 20-20,000 Hz; THD 0.04%. FM: THD 0.1% mono. 18 x 7 1/2 x 16 1/4 in; 48.5 lb. Programmable remote. \$1,879

TX-SV717PRO 315-W A/V Receiver

5 channels; Dolby Pro Logic, HALL, and MATRIX modes. 85 W x 3 rms (front, center) + 30 x 2 (rear) or 110 x 2 rms. 6 audio and 4 video inputs; line-level front, rear, center-channel, and subwoofer outputs; 5-way binding posts; headphone jack. Adjustable digital delay; 40 AM/FM presets; 6 preset groups; direct station access; FM-mute and tuning-level switches; timer; Onkyo RI-system compatibility; on-screen displays. Amp: FR 20-20,000 Hz; THD 0.08%. FM: THD 0.1% mono. 18 x 6 1/4 x 15 1/2 in; 30.6 lb. Programmable remote control. \$969

TX-SV515PRO 205-W A/V Receiver

5 channels; Dolby Pro Logic. 55 W x 3 rms (front, center) + 20 x 2 (rear) or 80 x 2 rms. 7 audio and 3 video inputs. line-level center-channel output; 5-way binding posts; headphone jack. Hall surround mode; adjustable digital delay; 40 AM/FM presets; 6 preset groups; FM-mute and tuning-level switches; sleep timer; Onkyo RI-system compatibility; programmable remote control. Amp: FR 20-20,000 Hz; THD 0.08%. FM: THD 0.15% mono. Dimensions: 18 x 6 1/4 x 15 1/2 in; 29.8 lb. \$539

TX-SV414PRO 180-W A/V Receiver

5 channels; Dolby Pro Logic. 50 W x 3 (front, center) rms + 15 x 2 (rear) rms or 60 x 2 rms into 8 ohms. 6 audio and 2 video inputs; line-level subwoofer output. Adjustable digital delay; 40 AM/FM presets with battery-free backup; direct station access; 6 preset groups with scan; record-out selector; A/B speaker switching; sleep timer. Onkyo RI-system remote control. \$400

TX-V940 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms. 6 audio and 2 video inputs. A/V switching; 40 AM/FM presets with battery-free backup; 6 preset groups with scan; direct station access; FM mute switch; loudness control; sleep timer. RI-system remote control. \$290

TX-910 45-W/ch Receiver

2 channels. 45 W x 2 rms into 8 ohms or 105 x 2 max into 3 ohms. 6 audio inputs; outputs for 2 speaker pairs. Features auto tuner reception-optimization system. Logic-controlled keys; 40 AM/FM station presets with battery-free backup; 6 preset groups; direct station access; FM mute switch; loudness control; FL display. Amp: FR 40-20,000 Hz; THD 0.3%. FM: THD 0.15% mono. Dimensions: 16 x 4 1/4 x 12 1/2 in; 16.1 lb. \$245

OPTIMUS BY RADIO SHACK

STA-3190 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.8% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. Features motor-driven

volume control. 30 AM/FM presets with scan; bass boost; bass, treble, and balance controls; sleep timer. Remote control. \$250

STA-7500 70-W/ch Receiver

2 channels. 70 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. 4-speaker surround; 30 AM/FM presets with scan; loudness, FM-mono, and tape-monitor controls; bass, treble, and balance controls; sleep timer. System remote control with mute and volume controls. \$230

STA-3180 70-W/ch Receiver

2 channels. 70 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.8% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. Features motor-driven volume control. 30 AM/FM presets with scan; bass boost, bass, treble, and balance controls; sleep timer. System remote control. \$220

STA-5500 50-W/ch Receiver

2 channels. 50 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. 30 AM/FM presets with scan; loudness, FM-mono, and tape-monitor controls; bass, treble, and balance controls. System remote control with volume and mute controls. \$200

STA-795 50-W/ch Receiver

2 channels. 50 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 3 audio inputs; phono input. 6 AM/12 FM presets; auto FM muting; bass and treble controls; loudness switch; tape-monitor controls; 5-segment LED power meter. \$180

STA-300 15-W/ch Receiver

2 channels. 15 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 2 audio inputs; phono input. 6 AM/12 FM presets; bass and treble controls; loudness button; LCD. \$140

STA-20 5-W/ch Receiver

2 channels. 5 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.9% THD. Phono and aux inputs; mini-plug input. Designed for portable sources and mini speakers. Features EO circuit. \$100

Professional Series

STAV-3350 220-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, THEATER, CONCERT HALL, and SIMULATED SURROUND modes. 60 W x 3 (front) + 20 x 2 (rear) or 100 x 2 rms into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio inputs; phono input; video and line-level center-channel outputs. Features motor-driven volume control. Simulated stereo mode for mono sources; adjustable digital delay; 30 AM/FM presets with scan; bass boost; bass, treble, and balance controls; sleep timer. Multiroom-capable system remote. \$350

STAV-3280 160-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, STUDIO/SIMULATED SURROUND, and SIMULATED STEREO modes. 40 W x 3 (front, center) + 20 x 2 (rear) or 60 x 2 rms into 8 ohms from 20-20,000 Hz with 0.09% THD. 4 audio inputs; phono input; video and line-level center-channel outputs. Features motor-driven volume controls. adjustable digital delay; 30 AM/FM presets with scan; bass boost; bass, treble, and balance controls; sleep timer. System remote. \$300

PHILIPS

The following feature a bus system that enables all 900 Series components to communicate with one another. 30 AM/FM presets with labeling, direct station access, a 6-position sleep timer, and an alphanumeric display.

FR951 215-W A/V Receiver

4 channels; Dolby Pro Logic. 65 W x 3 (front, center) + 20 x 1 (rear) or 100 x 2, all into 8 ohms. 6 audio and 3 video inputs; 3 audio and 2 video outputs; 2 digital inputs; 1 digital output; line-level center-channel output. Variable digital delay; auto input balance; 6 DSP

A handy visual guide Home Theater Re



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to determining which receivers are better.



Just as you have no problem distinguishing a film worthy of an Academy Award® from those destined to be remembered (or forgotten) for other reasons, we feel your eyes and ears will have little trouble recognizing the superior performance and functionality found in Onkyo's complete line of Home Theater Receivers.

The critics already have. Our top-of-the-line THX model, the TX-SV919THX, was hailed by Technical Editor David Ranada in a recent issue of *Stereo Review* as "the best

AV receiver I have ever tested". Our TX-SV717PRO won the first ever "Hot Ticket" award from *Home Theater Technology*. And just as a great film can be made on a small budget, so can great Home Theater sound be had via our TX-SV414PRO.

So, we urge you to visit your Onkyo dealer and choose the Home Theater Receiver model that's right for you. It'll add such a new dynamic to your home viewing, you might even want to rent one of the films shown at left. They're always in.

ONKYO®

Onkyo USA Corporation, 200 Williams Drive, Ramsey, NJ 07446 201-825-7950

R E C E I V E R S

sound effects; 3-band acoustic EQ with 7 presets; unified remote control. Amp: FR 20-20,000 Hz; THD 0.09%; S/N 88 dB. FM: THD 0.4%; S/N 68 dB. 17 1/2 x 4 7/8 x 11 1/2 in.; 17.6 lb.\$450

FR931 120-W A/V Receiver

4 channels; Dolby Pro Logic. 50 W x 2 (front) + 10 x 2 (center, rear), all into 8 ohms. 4 audio inputs and 1 video input; 2 audio outputs and 1 video output. 6 DSP sound effects; auto input balance; cursor controls; unified remote control. Amp: FR 40-20,000 Hz; THD 0.3%; S/N 85 dB. FM: THD 0.4%; S/N 54 dB. 17 1/2 x 4 7/8 x 11 1/2 in.; 17.6 lb.\$330

FR911 50-W/ch Receiver

2 channels. 50 W x 2 into 8 ohms. 4 audio inputs; 2 audio outputs. Amp: FR 40-20,000 Hz; THD 0.3%; S/N 80 dB. FM: THD 0.45%; S/N 65 dB. 17 1/2 x 4 7/8 x 11 1/2 in.; 12.7 lb.\$220

PIONEER

All of the following feature 30 AM/FM presets and outputs for 2 front speaker pairs.

VSX-D2S 300-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, 42 CONCERT, 15 MOVIE, 15 SPORTS, and SIMULATED SURROUND modes. 70 W x 3 (front, center) with 0.005% THD + 45 x 2 (rear) with 0.8% THD, all into 8 ohms at 1,000 Hz or 125 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.005% THD. Features source-direct mode; motor-driven volume control. Center woofer output; 2 center-channel outputs; 5 video inputs; 5 audio inputs; 4 S-video inputs; 3 S-video outputs; pre-out/main-in loops for each channel; front-panel A/V input. On-screen icon-based graphic interface; A/V mixing and fade controls; video signal selector; sound-field parameter control with 9 user surround modes and 6 variable parameters; digital graphic EQ, parametric EQ, bass enhancer, tone control, auto level control, and dynamic-range compressor/expander; tuner presets with labeling and 5 classification groups. 16% x 6% x 18 1/2 in. Programmable A/V remote control.\$2,000

VSX-D903S 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, JAZZ, DANCE, HALL, and SIMULATED SURROUND modes. 100 W x 3 (front, center) into 8 ohms with 0.8% THD + 100 x 1 (rear) into 4 ohms with 0.8% THD, all at 1,000 Hz or 130 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD. 2 center-channel outputs; 5 audio and 5 video inputs; 2 S-video inputs; 2 S-video outputs; line-level center-channel output; front-panel A/V input. Features source-direct mode; motor-driven volume control. On-screen icon-based graphic interface including control of PD-F100 100-disc CD changer and other Pioneer components; sound-field parameter control; tuner presets with labeling and 5 classification groups; tone controls. 16% x 6% x 16 1/2 in. Programmable A/V remote control.\$1,200

VSX-D703 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, JAZZ, DANCE, HALL, and SIMULATED SURROUND modes. 100 W x 3 (front, center) into 8 ohms + 100 x 1 (rear) into 4 ohms, all at 1,000 Hz with 0.8% THD or 130 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD. 5 audio and 5 video inputs; line-level center-channel output; front-panel A/V input. Features source-direct mode; motor-driven volume control. Front-panel A/V input; digital sound-field control; tone controls; on-screen displays. 16% x 6% x 16 1/2 in. Programmable A/V remote control.\$810

VSX-D603S. As above, without front-panel A/V input.\$710

VSX-D503S 265-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, JAZZ, DANCE, and HALL modes. 75 W x 3 (front, center) into 8 ohms + 40 x 1 (rear) into 4 ohms, all at 1,000 Hz with 0.8% THD or 110 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD. Features motor-driven volume control. 2 video inputs; 4 audio inputs; line-level center-channel output. Tone controls. 16% x 5 1/2

x 13 1/2 in. Programmable A/V remote control.\$500

VSX-453 220-W A/V Receiver

4 channels; Dolby Pro Logic, STUDIO SURROUND, and SIMULATED SURROUND modes. 60 W x 3 (front, center) into 8 ohms + 40 x 1 (rear) into 4 ohms, all at 1,000 Hz with 0.8% THD or 100 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD. Features motor-driven volume control. 4 audio and 2 video inputs; line-level center-channel output. Tone controls. 16% x 5 1/2 x 13 1/2 in. A/V system remote control.\$375

VSX-403. As above, 45 W x 3 (front, center) into 8 ohms + 40 x 1 (rear) into 4 ohms, all at 1,000 Hz with 0.8% THD or 65 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD.\$345

SX-303R 100-W/ch Receiver

2 channels. 100 W x 2 cont avg into 8 ohms from 40-20,000 Hz with 0.9% THD. 6 inputs including phono and 2 tape. Features motor-driven volume control. Direct station access; tone controls. 16% x 5 1/2 x 11 1/2 in. Remote control.\$285

SX-253R. As above, 70 W x 2 cont avg into 8 ohms from 40-20,000 Hz with 0.9% THD.\$260

SX-203. As SX-253R, no motor-driven volume control or remote control.\$225

Elite Series

VSX-97 A/V Receiver

Dolby Pro Logic, CONCERT, MOVIE, and SPORTS modes. Features Legato Link to extend FR above 20,000 Hz; source-direct mode with display defeat. On-screen icon-based graphic interface; A/V mixing and fade controls; user surround modes; adjustable initial-delay, liveness-effect, room-size, and wall-type parameters. Rosewood side panels.\$2,600

VSX-95 370-W Receiver

5 channels. 125 W x 2 (front) cont avg from 20-20,000 Hz with 0.005% THD + 40 x 3 (center, rear) at 1,000 Hz with 0.08% THD, all into 8 ohms. MM-phono and line-level inputs. Bass and treble controls; loudness. FR 20-20,000 Hz ± 0.3 dB phono, 5-100,000 Hz ± 3 dB line; S/N 77 dB phono, 80 dB line. 18 1/2 x 6 1/2 x 16 1/2 in.\$1,350

VSX-53 500-W A/V Receiver

5 channels; Dolby Pro Logic mode; DSP. 100 W x 2 (front) + 100 x 2 (center) + 100 x 1 (rear). 4 audio inputs; 5 video inputs; 2 S-video inputs; S-video output; line-level center-channel output; front-panel A/V input. Features discrete output devices; source-direct mode; motor-driven volume control. Multitroom capability; 5 digitally simulated sound fields; video signal selector; adjustable digital delay; record selector; 30 AM/FM presets; jog control; bass and treble controls; on-screen displays. Programmable remote control. 17 1/2 x 6 1/2 x 16 1/2 in.\$900

SX-31 100-W/ch Receiver

2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. MM-phono and line-level inputs. Bass and treble controls. FR 20-20,000 Hz ± 0.5 dB phono, 10-70,000 Hz ± 0.5 , -3 dB line; S/N 79 dB phono, 82 dB line. 16% x 5 1/2 x 13 1/2 in.\$450

RCA

RV3791F 280-W A/V Receiver

7 channels; Dolby Pro Logic, SIMULATED, CINEMA, THEATER, STADIUM, STUDIO, and ROCK modes. 60 W x 3 (front left, center, right) + 25 W x 2 (front surround) + 25 W x 2 (rear surround) all rms into 8 ohms. Four video and five input sources; line-level subwoofer output; front camcorder inputs; front headphone jack. Features Dolby Pro Logic Surround Sound; normal, wide, and phantom center-channel modes; memory backup maintains station presets during power outages. PLL digital tuning with up to 30 presets; auto search; direct station access through numeric keypad; preset scan; 5 levels of enhancement for each of 12 DSP settings; surround sound presets for each A/V source; switchable from 7 to 5 channels; adjustable time delay; "pink noise" test tone to fine tune the receiver; 2-color vacuum FL display; center and surround speaker level indicator. Amp: FR 8-100,000

Hz +1, -3 dB and 20-20,000 Hz ± 2 dB phono; THD 0.05%; S/N 95 dB and 85 dB phono. 16 1/2 x 6 1/2 x 15 in. 50-button programmable remote control.\$899

RV3681F 210-W A/V Receiver

5 channels. Dolby Pro Logic mode; Dolby Pro Logic surround, concert hall, Dolby 3, and center channel modes in normal, wide, and phantom. 60 W x 3 (front left, center, right) + 15 W x 2 (surround) all rms into 8 ohms. Three video and four audio input sources; line-level subwoofer output; front camcorder input; front headphone jack. Features Dolby Pro Logic surround sound; memory backup maintains station presets. PLL digital tuning provides up to 30 station presets; auto search; preset scan; adjustable delay time; "pink noise" test tone; sleep timer auto shut off with 5 time settings; bass and treble controls. Amp: FR 40-20,000 Hz ± 1 dB; THD 0.09%; S/N 80 dB nominal at 1 W. 16 1/2 x 6 x 14 1/2 in. 50-button programmable remote control.\$449

ROTEL

RX-950AX 50-W/ch Receiver

2 channels. 50 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 5 inputs; phono input; pre-out/main-in loops; headphone jack. Features motor-driven volume control. 16 AM/FM presets; mono switch; tone defeat; remote control. FM: 50-dB quieting sens 37.2 dBf stereo; cap ratio 1 dB; alt-ch sel 63 dB; S/N 75 dB stereo; THD 0.25% stereo. 17 1/2 x 4 7/8 x 13 1/2 in.\$600

SANSUI

RZ7900AV 170-W A/V Receiver

5 channels, Dolby Pro Logic. 50 W x 3 (front left, right, and center) + 10 W x 2 (rear), all into 8 ohms from 20-20,000 Hz. THD 0.08% (front). 0.09% (center and rear). Five audio inputs, 2 video inputs. Features 6 surround mode environments; multi-function controller for easy adjustment of surround, tone controls, delay, and other parameters; continuously variable loudness contour; karaoke (lead singer voice canceling) circuitry; remote control. Amp FR 10-70,000 Hz. 17 x 5 1/4 x 13 in, 22 lb.\$500

RZ2900 50-W/ch Receiver

2 channels. 50 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 4 audio, 1 video input. 5-band graphic equalizer; continuously variable loudness contour; remote control. 19.5 lb.\$220

RZ1900 30-W/ch Receiver

2 channels. 30 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% total harmonic distortion. 5 audio inputs; continuously variable loudness contour; remote control. 12 lb.\$200

SHERWOOD

RV-6030R 275-W A/V Receiver

5 channels; Dolby Pro Logic mode. 75 W x 3 (front, center) + 25 x 2 (rear), both at 1,000 Hz with 0.5% THD or 105 x 2 with 0.05% THD, all into 8 ohms. 5 audio and 4 video inputs; pre-out/main-in loops for front channels; line-level outputs for center and rear channels; front-panel A/V input; video-monitor output. Features Analog Devices processor; discrete amplifier stages. Dolby Time Link digital-delay system; test-tone generator; adjustable digital delay; center- and rear-channel level controls; 30 AM/FM presets with scan; Digi-Link III component-interface system; multitroom remote-control compatibility; bass, treble, and loudness controls; alphanumeric FL display; system remote control. Amp: FR 20-20,000 Hz ± 0.5 dB phono, 10-100,000 Hz ± 1.5 dB line; S/N 77 dB phono, 100 dB line. FM: 50-dB quieting sens 36.2 dBf stereo; usable sens 10.8 dBf mono; cap ratio 1.25 dB; alt-ch sel 55 dB; S/N 73 dB and THD 0.3% stereo at 65 dBf. 17 1/2 x 5 1/2 x 15 in.; 25 lb.\$475

RV-5030R. As above, 65 W x 3 (front, center) + 20 x 1 (rear), both at 1,000 Hz with 0.5% THD or 85 x 2 with 0.05% THD, all into 8 ohms. Processor not Analog Devices, no Dolby Time Link, 3 video inputs. 17 1/2 x 5 x 15 in.\$370

Denon's lifelong philosophy of "Design Integrity" has led us to constantly improve audio quality in all phases of the reproduction chain—including circuitry for Home Theater. As a result, off-the-shelf IC components like those used by our competitors, are no longer good enough for Denon's AVR-2500 Audio/Video Receiver. The new Denon AVR-2500 features Dynamic Discrete Surround Circuitry, **D·D·S·C** which employs discrete surround circuitry plus an 18-bit digital converter in the DSP stage. (Most competitors use lower bit converters.)

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Just as discrete components allow an audio system to be optimized for better sound, Denon's DDSC produces more accurate, more realistic surround sound by reducing Total Harmonic Distortion, by increasing Signal-to-Noise and minimizing DSP quantization noise.

Naturally, the Denon AVR-2500 also features the latest audio and FM circuitry, such as multi-zone capability for playing different programs in different parts of your home and personal memory fields for one-button recall of your favorite, custom tailored surround sound stages. The AVR-2500 and AVR-1500 also feature the RDS *Smart Radio System*, which lets broadcasters offer you additional, invaluable information, services and conveniences, either on the front panel or via On-Screen Display on the AVR-2500.



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R E C E I V E R S

RX-4030R 65-W/ch Receiver

2 channels. 65 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 4 audio inputs; headphone jack. Features discrete amplifier stages; motor-driven volume control; CMOS input switching. Line-level matrix surround; 30 AM/FM presets with scan; Digi-Link III component-Interface system; tape monitor; bass and treble controls; A/B speaker switching; sleep timer; alphanumeric FL display; system remote control. Amp: FR 20-20,000 Hz ± 0.5 dB phono, 10-100,000 Hz -1.5 dB line; S/N 77 dB phono, 100 dB line. FM: 50-dB quieting sens 36.2 dBf stereo; usable sens 10.8 dBf mono; cap ratio 1.25 dB; alt-ch sel 55 dB; S/N 72 dB and THD 0.3% stereo at 65 dBf. Dimensions: 17 $\frac{1}{2}$ x 5 x 13 in\$225

RX-2030R. As above, 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.08% THD. Speaker-level matrix surround. 17 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 10 in\$195

SONY

STR-G1ES 280-W A/V Receiver

5-channel; Dolby Pro Logic. 80 W x 3 (front and center) + 20 W x 2 (rear) into 8 ohms. S-video input; S-video output; subwoofer output; parallel A/B binding-post/banana-plug speaker outputs; preamp output for each channel. Discrete output for front right, left and center channels; aluminum front panel. Digital parametric front-channel EQ; 10 DSP sound-field modes with adjustable parameters; 30 AM/FM presets; sound-field linking to tuner stations; dot-matrix FL display. Amp: FR 10-20,000 Hz ± 1 dB; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sensitivity 38.3 dB stereo; signal-to-noise ratio 74 dB stereo; total harmonic distortion 0.5% stereo. Programmable remote control\$1,700

STR-GX900ES 360-W A/V Receiver

5-channel; Dolby Pro Logic. 100 W x 3 (front and center) + 30 x 2 (rear) into 8 ohms. S-video input; S-video output; subwoofer output; center and surround preamp output. Digital parametric EQ; 10 preset DSP modes with adjustable parameters; dot matrix FL display; 30 AM/FM presets; station labeling. Amp: FR 10-20,000 Hz ± 1 dB; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo. Programmable remote\$850

STR-GX800ES 330-W A/V Receiver

5 channel; Dolby Pro Logic. 90 W x 3 (front and center) + 30 W x 2 (rear) into 8 ohms. S-video input; S-video output; subwoofer output; front and center preamp output. Bass and treble control; 9 sound-field modes. Amp: FR 10-50,000 Hz ± 1 dB; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5% stereo. Programmable remote control\$700

STR-D1015 540-W A/V Receiver

5-channel; Dolby Pro Logic. 120 W x 2 (front) + 100 W x 3 (center and rear) into 8 ohms; 4/8 ohm switch 9 audio inputs; 3 video outputs; headphone jack. Auto-input balance; surround and center channel level controls; 6 surround modes with variable delay time; sound-field linking to tuner stations; 30 AM/FM presets; station labeling; auto and direct tuning; bass and treble controls. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{4}$ x 17 x 16 $\frac{1}{4}$ in; 29.6 lb\$620

STR-D915 350-W A/V Receiver

5-channel; Dolby Pro Logic. 100 W x 3 (front and

center) + 25 W x 2 (rear) into 8 ohms; 4/8 ohm switch. 9 audio inputs; 3 video outputs; headphone jack. Auto-input balance; surround and center channel level controls; 6 surround modes with variable delay time; sound-field linking to tuner stations; 30 AM/FM presets; station labeling; auto and direct tuning; bass and treble controls. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{4}$ x 17 x 14 $\frac{1}{2}$ in; 22 lb\$500

STR-D715 290-W A/V Receiver

5-channel; Dolby Pro Logic. 80 W x 3 (front and center) + 25 W x 2 (rear) into 8 ohms. 8 audio inputs; 3 video outputs; headphone jack. Auto-input balance; surround and center channel level controls; 6 surround modes with variable delay time; sound-field linking to tuner stations; 30 AM/FM presets; station labeling; auto and direct tuning; bass, treble and balance controls. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{4}$ x 17 x 14 $\frac{1}{2}$ in; 21.7 lb\$430

STR-D615 250-W A/V Receiver

5-channel; 70 W x 3 (front and center) + 20 W x 2 (rear) into 8 ohms. Headphone jack. Auto-input balance; surround and center channel level controls; 2 surround modes with variable delay time; 30 AM/FM presets; auto and direct tuning; bass, treble and balance controls. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{4}$ x 17 x 11 $\frac{1}{2}$ in; 16 lb\$350

STR-D515 200-W A/V Receiver

5-channel; Dolby Pro Logic. 70 W x 2 (front) + 20 W x

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tube TV is the only one of its kind, and the largest tube TV you can buy, made exclusively by Mitsubishi. With a screen size of 768 square inches—a full 31% bigger than a 35-inch and an overwhelming 120% bigger than a 27-inch—it brings the action from the stadium right into your living room.

But size is just part of the story.

R E C E I V E R S

3 (center and rear) into 8 ohms. 6 A/V inputs and outputs; headphone jack. Auto-input balance; hall mode with 20 ms delay; 30 AM/FM presets; bass, treble, balance, loudness and mute controls; auto and direct tuning. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{2}$ x 17 x 11 $\frac{1}{2}$ in.; 15.9 lb.....\$300

STR-D315 100-W/ch Receiver

2-channel; 100 x 2 into 8 ohms. 5 audio inputs; 1 video output; headphone jack. Auto-input balance; 30 AM/FM presets; auto and direct tuning; bass, treble, balance and loudness controls. Amp: FR: 10-50,000 Hz ± 1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 38.3 dB stereo; S/N 74 dB stereo; THD 0.5%. Remote control. 5 $\frac{1}{2}$ x 17 x 11 $\frac{1}{2}$ in.; 13.9 lb.....\$250

TEAC

TR-SV7000 277-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and HALL modes. 72 W x 2 (front) + 85 x 1 (center) + 24 x 2 (rear) at 1,000 Hz with 0.7% THD or 100 x 2 rms with 0.07% THD. 6 audio inputs including phono, 2 tape, and 2 A/V inputs; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven volume control. Normal, wide, and phantom center-channel modes; adjustable digital delay; test-tone generator; 30 AM/FM presets; bass and treble controls; loudness switch; sleep timer; FL display. Amp: FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz ± 3 dB line; S/N 70 dB phono, 76 dB line. FM: 50-dB quieting sens 38 dB stereo; usable sens 13.2 dB; AM rej 60 dB; cap ratio 1.5 dB; S/N 70 dB stereo; THD 0.4% stereo.

Remote with center and rear level controls.....\$499

AG-V3050 258-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and HALL modes. 70 W x 3 (front, center) + 24 x 2 (rear) or 100 x 2 into 8 ohms from 20-20,000 Hz with 0.07% THD. 7 audio inputs including phono, 2 tape, and 2 A/V inputs; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven master-volume control. Test-tone generator; adjustable digital delay; 30 AM/FM presets with scan; sleep timer. FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz ± 3 dB line; S/N 70 dB phono, 76 dB line. FM: usable sens 38 dB stereo; cap ratio 1.5 dB. 17 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 15 in. Teac UR-system remote control with center and rear level controls.....\$499

AG-V2050 230-W A/V Receiver

4 channels; Dolby Surround. 100 W x 2 (front) rms into 8 ohms from 20-20,000 Hz with 0.07% THD + 15 x 2 (rear). 6 audio inputs including phono, 2 tape, and 2 A/V; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven master-volume control. 20-ms digital delay; 30 AM/FM presets with scan; direct station access. Amp: FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz ± 3 dB line; S/N 70 dB phono, 76 dB line. FM: 50-dB quieting sens 38 dB stereo; usable sens 13.2 dB; AM rej 60 dB. Dimensions: 17 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in. Teac UR-system remote control.....\$379

AG-V1050 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.08% THD. Features 4-ohm capability; double transformer; quartz-PLL tuner; motor-driven master-volume control. 6 audio inputs; 2 video

inputs; video-monitor output; headphone jack. 30 AM/FM presets with scan; direct station access; loudness switch; bass and treble controls; mute; A/B speaker switching; dot-matrix FL display. Amp: FR 20-20,000 Hz ± 1 dB phono, 10-70,000 Hz +1, -3 dB line; S/N 70 dB phono, 94 dB line. FM: 50-dB quieting sens 38 dB stereo; usable sens 10.8 dB mono; cap ratio 1.5 dB. 17 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in. Teac UR-system remote control.....\$319

AG-750 52-W/ch Receiver

2 channels. 52 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.08% THD. Features quartz-PLL tuner; motor-driven volume control. Headphone jack. Matrix surround; 30 AM/FM presets with scan; direct station access; loudness, bass, treble, and balance controls; mute; A/B speaker select; FL display. Amp: FR 20-20,000 Hz ± 1 dB phono, 10-70,000 Hz +1, -3 dB line; S/N 70 dB phono, 94 dB line. FM: usable sensitivity 10.8 dB mono; capture ratio 1.5 dB. Dimensions: 17 $\frac{1}{2}$ x 5 x 11 $\frac{1}{2}$ in. Teac UR-system remote control.....\$259

TECHNICS

Class H+ refers to Technics' proprietary system of providing two power supplies for each amplifier output channel (one for low signals and one for high signals), which switch between one another with the goals of reducing heat generation and improving dynamic headroom.

SA-TX1000 470-W THX A/V Receiver

5 channels; Dolby Pro Logic and THX Cinema modes. 120 W x 3 (front, center) + 55 x 2 (rear) into 6 ohms at 1,000 Hz with 0.8% total harmonic distortion

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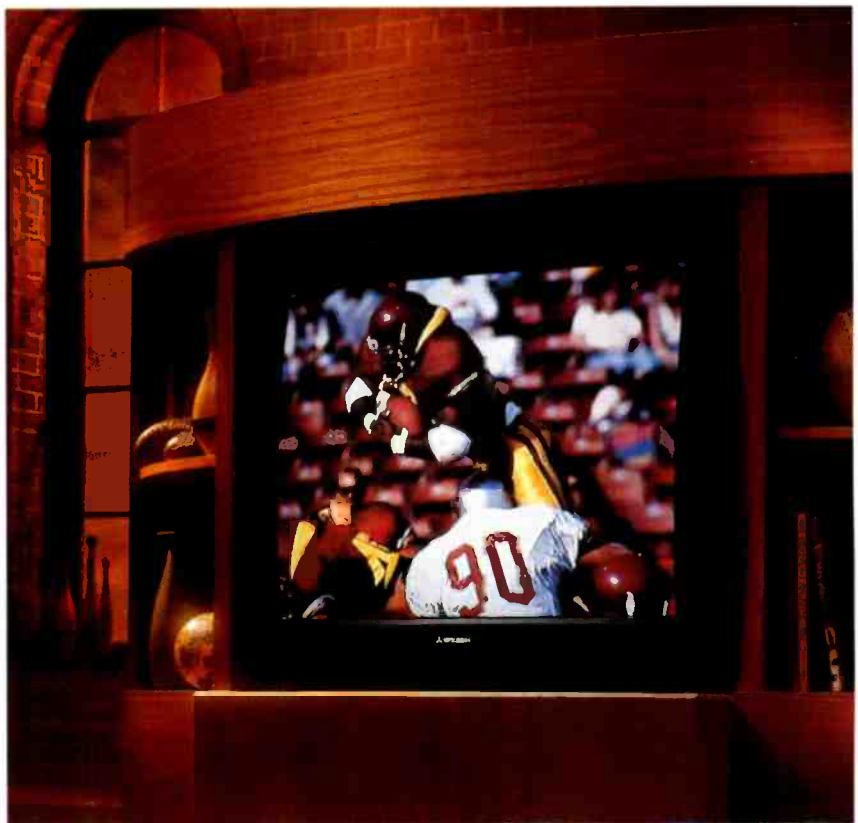
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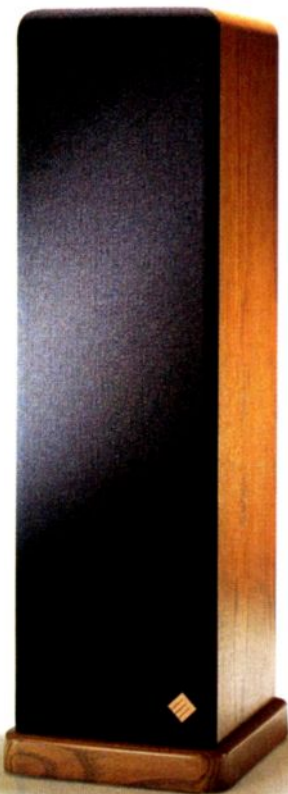
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R E C E I V E R S

or 125 x 2 into 6 ohms from 20-20,000 Hz with 0.05% total harmonic distortion. 4 video inputs including 2 S-video; 2 audio inputs; subwoofer output; front-panel A/V input. Features THX certification; Class H+ amplifier circuitry; decorrelation and timbre-matching circuitry; 4-ohm capability; motor-driven volume control. Help/instruction displays; 30 AM/FM presets; adjustable display brightness; bass and treble controls; alphanumeric FL display. A/V remote with volume control.....\$1,200

SA-GX770 400-W A/V Receiver

4 channels. Dolby Pro Logic mode. 100 W x 4 (front, center, rear) into 8 ohms at 1,000 Hz with 0.8% total harmonic distortion or 125 x 2 into 6 ohms from 20-20,000 Hz with 0.05% THD. 2 video and 4 audio inputs; subwoofer output; front-panel A/V input. Features Class H+ amplifier circuitry; motor-driven volume control. Help/instruction displays; 30 AM/FM presets; bass and treble controls; alphanumeric FL display. A/V remote.....\$500

SA-GX670 320-W A/V Receiver

4 channels. Dolby Pro Logic mode. 80 W x 4 (front, center, rear) into 8 ohms at 1,000 Hz with 0.8% total harmonic distortion or 110 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 2 video and 4 audio inputs. Features Class H+ amplifier circuitry; motor-driven volume control. Help/instruction displays; 30 AM/FM presets; bass and treble controls; alphanumeric FL display. A/V remote with volume control.....\$430

SA-GX470 195-W A/V Receiver

4 channels. Dolby Pro Logic mode. 55 W x 3 (front, center) + 30 x 1 (rear), both into 8 ohms at 1,000 Hz with 0.8% THD or 100 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 2 video and 4 audio inputs. Features Class H+ amplifier circuitry; motor-driven volume control. 30 AM/FM presets; alphanumeric FL display; bass and treble controls. A/V remote with volume control.....\$330

SA-GX170 100-W/ch Receiver

2 channels. 100 W x 2 into 8 ohms from 40-20,000 Hz with 0.08% THD. 5 audio inputs. Features Class H+ amplifier circuitry; motor-driven volume control. 30 AM/FM presets; bass and treble controls; alphanumeric FL display. A/V remote with volume control.....\$230

YAMAHA

RX-V1070 390-W A/V Receiver

5 channels; digital Dolby Pro Logic; ROCK CONCERT, JAZZ CLUB, CHURCH, and CONCERT HALL sound fields; 35-MM THEATER, 70-MM THEATER, and TV THEATER cinema DSP modes; DSP. 110 W x 3 (front, center) into 8 ohms from 20-20,000 Hz with 0.015% THD + 30 x 2 (rear) with 0.08% THD. 4 audio and 4 A/V inputs; line-level outputs for each channel; 2 center-channel speaker outputs; subwoofer output with low-pass filter; 3 S-video inputs and 3 S-video outputs including 2 VCR loops and monitor output; headphone jack; banana-plug-compatible speaker outputs; 75-ohm FM antenna input. Features direct-PLL IF count synthesis tuning; motor-driven volume control. Auto input balance for Dolby Pro Logic; wide and phantom center-channel modes; 40 AM/FM presets; bass and treble controls; tone-defeat switch; sleep timer; bass boost; A/B speaker switching; on-screen displays including level meters. 41 lb. Programmable remote control.....\$1,349

RX-V870 290-W A/V Receiver

5 channels; digital Dolby Pro Logic; enhanced-35-mm, 70-mm, and TV cinema-DSP modes; ROCK CONCERT, JAZZ CLUB, CHURCH, and CONCERT HALL music-DSP modes; DSP. 80 W x 3 (front, center) with 0.015% THD + 25 x 2 (rear) with 0.08% THD, all rms into 8 ohms from 20-20,000 Hz. 4 audio and 3 A/V inputs; line-level outputs for all channels; center-channel outputs for 2 speakers; subwoofer output; 3 S-video inputs; 3 S-video outputs; 75-ohm FM-antenna input; headphone jack. Features direct-PLL IF-count synthesizer tuning; linear-damping-factor circuitry; motor-

driven volume control. Test-tone generator; auto input balance; normal, wide, and phantom center-channel modes; 40 AM/FM presets; bass boost; record-out selector; bass and treble controls with by-pass switch; A/B speaker selector; sleep timer; on-screen displays including 3-dimensional listening room for Dolby level adjustments. Programmable remote with volume control.....\$949

RX-V670 260-W A/V Receiver

5 channels; Dolby Pro Logic; ROCK CONCERT, CONCERT HALL, MONO MOVIE, and CONCERT VIDEO DSP modes; DSP. 70 W x 3 (front, center) into 8 ohms from 20-20,000 Hz with 0.08% THD + 25 x 2 (rear) with 0.3% THD. 4 audio and 3 A/V inputs; pre-out/main-in loops; line-level rear outputs; headphone jack; 75-ohm FM antenna input. Features direct-PLL IF count synthesis tuning; motor-driven volume control. 35-mm-theater cinema DSP mode; wide and phantom center-channel modes; auto input balance; test-tone generator; 40 AM/FM presets; bass, treble, and balance controls; sleep timer; A/B speaker switching. Programmable remote control.....\$749

RX-770 85-W/ch Receiver

2 channels. 85 W x 2 into 8 ohms from 20-20,000 Hz with 0.019% THD or 220 x 2 into 2 ohms. 4 audio and 2 video inputs; 3-way binding posts; pre-out/main-in loops; infrared input and output ports. Features direct-PLL IF count synthesis tuning; linear damping circuit; antibrilliance antiresonance base; motor-driven input selector and volume control; source-direct mode. 40 AM/FM presets; variable loudness control; sleep timer; tone and balance controls; record-out selector; A/B speaker switching; signal-strength meter. 22 lb. Remote control.....\$549

RX-V480 210-W A/V Receiver

5 channels; digital Dolby Pro Logic with 35-mm theater enhanced mode; CONCERT VIDEO, MONO MOVIE, ROCK CONCERT, and CONCERT HALL DSP modes. 60 W x 3 (front, center) from 20-20,000 Hz with 0.04% THD + 15 x 2 (rear) at 1,000 Hz with 0.5% THD, all rms into 8 ohms. 4 audio and 2 A/V inputs; 2 tape monitors; headphone jack. Features linear-damping-factor circuitry; direct-PLL IF-count synthesizer tuning system; motor-driven 5-gang master volume control. Digital delay; digital test-tone generator; normal, wide, and phantom center-channel modes; 40 AM/FM presets; auto FM preset setting; center and rear level controls; bass, treble, and balance controls; sleep timer; A/B speaker selector; signal-strength display. System remote with master-volume control.....\$399

RX-570 70-W/ch Receiver

2 channels. 70 W x 2 into 8 ohms from 20-20,000 Hz with 0.019% THD or 160 x 2 into 2 ohms. 6 audio inputs. Features direct-PLL IF count synthesis tuning; linear damping circuit; antibrilliance antiresonance base; motor-driven input selector and volume control; source-direct mode. 40 AM/FM presets; signal-strength meter; record-out selector; sleep timer; balance and tone controls; variable loudness control; A/B speaker switching. Remote control.....\$399

RX-485 65-W/ch Receiver

2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 150 x 2 into 2 ohms. 6 audio inputs including 2 tape monitors. Features direct-PLL IF-count synthesizer tuning; motor-driven volume control. Pure-direct switch; 40 AM/FM presets; continuously variable loudness control; A/B speaker switching; sleep timer; 10-segment signal-strength display; FL display. 17 1/2 x 5 x 11 1/4 in. Yamaha system remote with volume control.....\$299

RX-385 45-W/ch Receiver

2 channels. 45 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 98 x 2 into 2 ohms. 5 audio inputs including tape monitor. Features direct-PLL IF-count synthesizer tuning; motor-driven volume control. 40 AM/FM presets; continuously variable loudness control; A/B speaker switching; sleep timer; 10-segment signal-strength display; FL display. Dimensions: 17 1/2 x 5 x 11 1/4 in. Yamaha system remote control.....\$249

ACCUPHASE

E-406 170-W/ch Integrated Amplifier

2 channels. 170 W x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD. 6 line-level inputs; 2 balanced inputs; 2 tape loops; MM/MC phono input; line-level outputs; headphone jack. Subsonic filter; tape-dubbing capability; A/B speaker selector; defeatable bass and treble controls; balance and loudness controls; mono/stereo switch; 2 level meters; remote control. Damping factor 120 into 8 ohms, 50 Hz. 18 1/2 x 7 1/4 x 16.7 in; 61.7 lb\$6,495

ACURUS

DIA100 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 cont into 8 ohms with 0.09% THD or 150 x 2 cont into 4 ohms, both from 20-20,000 Hz. 2 tape outputs; 6 source inputs; gold-plated connectors. Features laser-trimmed potentiometers for volume and balance controls; silver-to-silver contacts for listen and record switches; inputs mounted directly to circuits; dual-sided glass-epoxy circuit board; separate internal chassis for passive-control section; bipolar transistors; toroidal transformer. Balance and source-select controls. FR 20-20,000 ±0.25 dB; S/N 100 dBA; damping factor 300. 17 x 5 x 14 in; 35 lb\$995

ARCAM

Delta 290 75-W/ch Integrated Amplifier

2 channels. 75 W x 2 into 8 ohms. 6 line-level inputs including 2 tape loops; pre-out/main-in loops; outputs for 2 speaker pairs; headphone jack. Features MOSFET design; toroidal power supply; motor-driven volume control. Separate listen and record selectors; mono switch; tone and balance controls with bypass; remote with level control. MM/MC phono board optional. FR 20-20,000 Hz ±0.5 dB line; THD 0.02% at 1,000 Hz; S/N 79 dB MM, 73 dB MC, 99 dB line\$899

Alpha 6 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 cont into 8 ohms. 6 gold-plated inputs including one switchable MM phono line-level input; 2 tape outputs; outputs for 2 speaker pairs; headphone jack. Features MOSFET output stages; toroidal transformer. Tone controls with switchable bypass; remote-control receiver for remote level control via Arcam CD player or system remote control. FR 10-20,000 Hz ±0.5 dB line; THD 0.02% at 1,000 Hz; S/N 74 dB phono, 94 dB line\$649

Alpha 5 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 cont into 8 ohms or 80 x 2 into 4 ohms. 6 inputs including MM phono; 2 tape outputs; outputs for 2 speaker pairs; headphone jack. Features toroidal transformer. Tone controls with switchable bypass. FR 10-20,000 Hz ±0.5 dB line; THD 0.02%; S/N 73 dB phono, 93 dB line\$399

AUDIO DESIGN ASSOCIATES

MRA-808 640-W Integrated Amplifier

16 channels. Designed for use with System 8000 (see Multiroom Components); consists of 8 integrated-amp modules. Each module: 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.03% THD or 60 x 2 into 4 ohms. Digitally controlled tone and volume controls for each module. Slew rate 10 V/μs. 12 1/4 x 19 x 14 1/4 in; 52 lb\$5,800

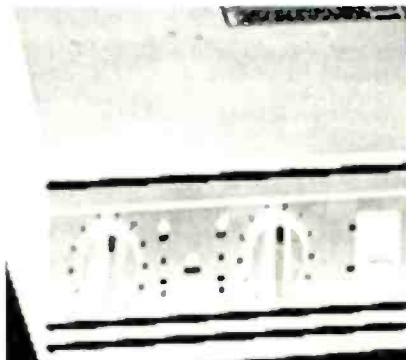
CR-8A 25-W/ch Integrated Amplifier

2 channels. Designed for use with System Omega (see Multiroom Components). 25 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.02% THD or 40 x 2 into 4 ohms. Signal-processor loop. Features power fuse; toroidal power transformer. Gain control; balance switch; LED volume, bass, and treble indicators. Infrared receiver optional. S/N 104 dB. 19 x 3 1/2 x 11 in; 13 lb\$1,899

AUDIO INNOVATIONS

S500 25-W/ch Tube Integrated Amplifier

2 channels. 25 W x 2. MM phono input; 3 line-level in-



puts; 2 tape loops; 4- and 8-ohm speaker outputs. Features Class A operation\$1,600

S700 25-W/ch Tube Integrated Amplifier

2 channels. 25 W x 2. 4 line-level inputs; tape loop; gold-plated connectors; 4- and 8-ohm speaker outputs. Features Class A operation; ground-isolation switch\$1,500

AUDIOLAB

Model 8000A MkII 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 into 8 ohms or 100 x 2 into 4 ohms. MM and MC phono inputs; pre-out/main-in loops; outputs for 2 speaker pairs; headphone jack. Features overload protection. Separate input and record selectors; defeatable phase-compensated tone controls; mute. FR 1-65,000 Hz; THD 0.05%; S/N 81 dB MM, 77 dB MC, 90 dB line. 17 1/2 x 3 x 13 in; 19 lb\$850

AUDIO NOTE

Onyaku 27-W/ch Tube Integrated Amplifier

2 channels. 27 W x 2. 5 line-level inputs; tape loop. Features one direct-heated GE211/VT4C tube per channel; Class A design; hand-wound output transformers with pure silver on ceramic-leaf core materials; tantalum-film resistors with silver end caps and lead-out wires; handmade silver-foil signal capacitors. 8 1/2 x 9 1/4 x 21 in\$74,500

Meishu-Phono. Combines M2-Phono preamplifier, with silver input wire and hand-wired output stage, and P3 SE power amplifier in single chassis. 18 1/2 x 8 x 17 1/2 in\$4,595

Meishu-Line. Combines M2-Line preamplifier, with silver input wire and hand-wired output stage, and P3 SE power amplifier in single chassis. 18 1/2 x 8 x 17 1/2 in\$4,595

Soro-Phono SE. Combines M1-Phono preamplifier and P2 SE power amplifier in single chassis. 17 1/2 x 5 1/4 x 17 1/2 in\$3,495

Soro-Line SE. Combines M1-Line preamplifier and P2 SE power amplifier in single chassis\$2,995

First Integrated 8.5-W/ch Tube Integrated Amplifier

2 channels. 8.5 W x 2. 3 line-level inputs; tape loop; line-level outputs. Features 6L6GC output tube per channel; ECC83 and 6SN7 line and driver tubes; Class A design; separate power supplies for power and preamp sections. 11 1/4 x 5 1/4 x 17 1/2 in\$1,295

AUDIRE

Adagio 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 into 8 ohms from 20-20,000 Hz or 100 x 2 into 4 ohms. 6 line-level inputs; 2 tape loops; pre-out/main-in loops; two gold-plated 5-way binding-post pairs. Features one FET per channel in preamp stage; all-discrete power amp with MOSFET output stage; toroidal transformer. Balance control. FR 5-100,000 Hz ±0.25 dB line, 2-100,000 Hz -2 dB amp; S/N 90 dB; slew rate 45 V/μs; damping factor 250. 3-yr parts-and-labor warranty. Dimensions: 19 x

5 1/4 x 9 in; 22 lb\$950

CARVER

CMV-1185 320-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic mode. 80 W x 2 (front) from 20-20,000 Hz with 0.1% THD + 90 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 7 audio inputs including phono; 3 composite-video inputs; 2 composite-video outputs; front-panel A/V input; line-level outputs for each channel; pre-out/main-in loops for front channels; subwoofer output. Features 12-dB/oct subwoofer crossover; Vocal Zoom dialog-enhancement circuitry. Adjustable delay times; auto input balance; independent switching for audio and video sources; removable rack handles; remote control. FR 20-20,000 Hz ±0.5 dB; S/N 85 dBA phono, 110 dBA amp; dynamic headroom 1 dB. 19 x 5 1/4 x 17 in\$850

CM-1090 100-W/ch A/V Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD or 150 x 2 into 4 ohms. 7 audio inputs including phono; pre-out/main-in loop for each channel. Features transfer function modified to emulate reference tube amplifier; Sonic Holography circuitry to improve stereo imaging. Surround mode supplying L-R signal to B speakers; CD-direct mode; A/B speaker selector; two analog level meters; remote control. S/N 78 dBA phono, 90 dBA amp; dynamic headroom 1.7 dB. Dimensions: 19 x 4 1/4 x 14 1/2 in; 21 lb\$680

CARY AUDIO DESIGN

CAD-300SEI 11-W/ch Tube Integrated Amplifier

2 channels. 11 W x 2 into 4 ohms. Features single-ended, Class A circuitry; 200% duty cycle air gapped, wound with OFC wire, wax-impregnated output transformer; silver double E Teflon wire; point-to-point wiring; two 300E triode output tubes in Class A single ended, three 6SN7 input driver tubes; oil-filled coupling caps; 3-minute warm-up time. FR 20-20,000 -0.75 dB. S/N 90 dB. 14 x 8 x 14 in\$3,395

CAD-75-I 75-W/ch Tube Integrated Amplifier

2 channel. 75 W x 2. Features push-pull ultralinear amplification in Class AB circuitry; two EI laminated core power transformers; two EI laminated core output transformers; 150% duty cycle on all transformers; two 12AX7 pre-driver preamplifier tubes, two 12AU7 phase inverter tubes, and four 8550 push-pull output circuit tubes; 1% metal film resistors; polystyrene and polypropylene capacitors; 3-minute warm-up time. FR 20-30,000 Hz -0.75 dB; damping factor 36. 18 x 7 x 13 in\$2,495

SLI-30 30-W/ch Tube Integrated Amplifier

2 channels. 30 W x 2. Earphone jack. Features push-pull Class A circuitry; passive line driver; one EI laminated core power transformer and two EI laminated core output transformers; 150% duty cycle on all transformers; two 12 AX7 pre-driver phase inverter tubes and eight EL-81 push-pull output circuit tubes; 1% metal film resistors; polystyrene and polypropylene capacitors; G-10 Glass double sided plated through PC board; 3-minute warm-up time. Full-functional input selector. FR 20-30,000 Hz -0.75 dB; damping factor 35. 17 x 4 x 12 in; 34 lb\$1,495

CREEK

Creek 4240 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. 4 line-level inputs; tape loop; pre/power-amp socket for biampification with A42 power amp. MOSFET circuitry. FR 3-25,000 Hz -1 dB; S/N 105 dB; ch sep 80 dB at 1,000 Hz\$595

MC phono board for above\$75

MM phono board for Creek 4240\$50

DENON

PMA-S1 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 cont into 8 ohms or 200 x 2 into 2 ohms Features aluminum sand-cast frame; inverted Sigma balance circuit for balanced signal flow;

UHC-MOS output transistors\$4,500

AVC-3030 400-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, Dolby 3 Stereo, CLASSIC, ROCK, JAZZ, STADIUM, MONO-MOVIE, CHURCH, and MATRIX modes. 110 W x 3 (front) + 35 x 2 (rear). 10 audio inputs; 2 audio outputs; 2 center-channel outputs; main amplifier outputs; line-level outputs; 5 S-video inputs; 3 S-video outputs; 5 composite-video inputs; 2 composite-video outputs; gold-plated RCA connectors. Features Class A amplifiers for front and center channels; discrete amplifiers for all channels. Normal, wide, and phantom center-channel modes; WIDE-SCREEN, LIVE, and MONO-MOVIE DSP Dolby Pro Logic modes; CD-direct switch; on-screen displays. Programmable remote control; simple remote optional\$1,350

AVC-2800 305-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, CLASSIC-CONCERT, ROCK, JAZZ-CLUB, SUPER-STADIUM, MONO-MOVIE, and MATRIX modes; DSP. 85 W x 3 (front, center) + 25 x 2 (rear). 8 audio inputs; 4 audio outputs; 2 center-channel outputs; main amplifier inputs; front, center, and mono line-level outputs; 4 S-video inputs; 3 S-video outputs; 4 composite-video inputs; 4 composite-video outputs. Features discrete amplifiers for front and center channels. Normal, wide, and phantom center-channel modes; WIDE-SCREEN and LIVE DSP Dolby Pro Logic modes; video input selector; remote/front-panel A/B speaker switching; icon-based on-screen displays; FL display. Programmable remote control\$900

PMA-1315R 115-W/ch Integrated Amplifier

2 channels. 115 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.005% THD. MM and MC phono inputs. Features circuit for output-transistor bias-current stability; toroidal transformer; MOSFET driver stage; motor-driven volume control. Source-direct switch; A/B speaker switching; record-out selector; loudness control; Denon IS-system remote with level and source-select controls\$800

PMA-915R 80-W/ch Integrated Amplifier

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.02% THD. MM and MC phono inputs. Features circuit for output-transistor bias-current stability; EI-type transformer; MOSFET driver stage; motor-driven volume control. A/B speaker switching; record-out selector; switchable loudness control; Denon IS-system remote with level and source-select controls\$550

DXG

DDA-1 100-W/ch Digital Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms or 140 x 2 into 4 ohms, both from 20-20,000 Hz. Coaxial and optical digital inputs. Features DSP and D/A converter; dual-mono design; phase and amplitude correction for DXG speakers. THD 0.025%; S/N 86 dB analog, 92 dB digital; damping factor 150. Dimensions: 16 1/2 x 4 3/4 x 14 1/4 in; 29 lb\$1,595
With two DDL-1 speakers\$2,995

ELECTROCOMPANET

ECI-1 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms or 305 x 2 into 2 ohms, both with 0.2% THD. 6 audio inputs. Features Class A dual-mono design; buffer stages in selector system. 17 x 5 1/2 x 14 1/4 in; 39 lb\$2,599

ENSEMBLE

Tiger 60-W Integrated Amplifier

2 channels. 60 W x 2 into 8 ohms from 6-30,000 Hz with 0.05% THD. 5 inputs. Hybrid design (shunt-regulated push-pull configuration) with ECC-81 tubes in preamplification stage. Relay controlled inputs for shortest signal path, served by MOS logic-controlled source selectors. S/N 92 dB. Dimensions: 14 3/4 x 8 3/4 x 4 1/4 in; 16.5 lb\$2,100

HARMAN KARDON

AVI200 245-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, THEATER, STADIUM, and Dolby 3 Stereo modes. 65 W x 3 (front, center) + 25 x 2 (rear), all into 8 ohms with 0.3% THD or 75 x 2 into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio inputs with tape monitor; 5 video inputs; line-level outputs for each channel. Features discrete amplifiers for front and center channels. Dolby Time Link digital-delay system; adjustable digital delay; VCR-dubbing capability\$599

HK6350R 70-W/ch Integrated Amplifier

2 channels. 70 W x 2 into 4 or 8 ohms. Phono input; 2 tape loops; signal-processor loop; outputs for 2 speaker pairs. Loudness; system remote\$549

HK1400 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms or 60 x 2 into 4 ohms. 2 tape loops\$499

HK620 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms or 60 x 2 into 4 ohms. Outputs for 2 speaker pairs. System remote control\$399

JVC

AXZ911BK 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.003% THD. Features Class A operation; D/A converter with 4x oversampling; separate analog and digital circuitry; motor-driven volume control. Fiber-optic and coaxial digital inputs; MM/MC phono input; direct input for D/A converter; digital tape loop for DAT; gold-plated connectors. Bass control; remote control\$1,100

LINN

Majik-IP 33-W/ch Integrated Amplifier

2 channels. 33 W x 2 into 8 ohms or 66 x 2 into 4 ohms. 5 line-level inputs; switchable MM/MC-phono/line-level input; 4 output pairs; headphone jack. Features add-on-module expandability; micro-

processor-controlled switching. Add-on modules available for FM tuning and multiroom\$1,095
Majik-IL. As Majik-IP, no phono input. 6 line-level inputs\$995

LUXMAN

L-500 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 into 8 ohms, 100 x 2 into 4 ohms, or 200 x 2 into 2 ohms. Features gold-plated input-switching relays; direct-coupled pure-complementary amplification circuit; DC configuration via Duo Beta circuit; antiresonance construction; STAR circuit. Gold-plated connectors. Tone compensator; 32-position volume control. Frequency response 10-100,000 Hz -2 dB; THD 0.01% into 6 ohms from 20-20,000 Hz\$5,000

A-383 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 330 x 2 into 2 ohms. 3 video inputs; switchable MM/MC phono input; gold-plated CD and phono inputs; system bus connection; outputs for 2 speaker pairs. Features all-stage symmetrical push-pull circuit; video-input buffer amplifier; line-phase sensor; STAR circuitry. Multiroom capability; line-straight switch; record-out selector; bass, treble, and balance controls; loudness switch; A/B speaker selector; remote control. FR 20-20,000 Hz ±0.5 dB phono, 10-70,000 Hz +0.5, -1.5 dB line; S/N 77 dBA MM, 56 dBA MC, 100 dBA line. Black or champagne\$1,500

A-373 80-W/ch Integrated Amplifier

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 170 x 2 into 4 ohms. 3 video inputs; phono input; system bus connection; gold-plated CD and phono inputs. Features video-input buffer amplifier; motor-driven volume control; discrete power-amp stage; line-phase sensor; STAR circuitry. Record-out selector; A/B speaker selector; line-straight switch; bass, treble, and balance controls; loudness switch; remote control. FR 20-20,000 Hz ±0.5 dB phono, 10-70,000 Hz +0.5, -1.5 dB line; S/N 82 dBA MM, 62 dBA MC, 100 dBA line. Black or champagne\$1,000

A-353 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 125 x 2 into 4 ohms. Switchable MM/MC phono input; system bus connection; outputs for 2 speaker pairs; gold-plated CD and phono inputs. Features discrete power-amp stage; motor-driven volume control; line-phase sensor; STAR circuitry. Line-straight switch; record-out selector; A/B speaker selector; bass, treble, and balance controls; loudness switch; remote control. Frequency response 20-20,000 Hz ±0.5 dB phono, 10-70,000 Hz +0.5, -1.5 dB line; signal-to-noise ratio 82 dBA MM, 62 dBA MC, 100 dBA line. Black or champagne\$750

MARANTZ

PM-700AV 200-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic mode. 50 W x 2 from 20-20,000 Hz (front) + 50 x 1 at 1,000 Hz (center) + 25 x 2 rms at 1,000 Hz (rear), all rms into 8 ohms. 4 audio inputs; front-panel A/V input; 4 A/V inputs including 2 S-video; composite and S-video outputs; RC-5 system remote-control jacks. Dolby test-tone generator; switchable bass boost; preprogrammed remote control. S/N 76 dB phono, 85 dB line. Gold finish with matching side panels. Dimensions: 17 1/2 x 6 x 13 1/4 in; 29 lb\$699

MBL

Model 7005 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 into 4 ohms with 0.1% THD. 4 unbalanced inputs; 2 binding-post output pairs; 2 tape outputs; 1 main audio output. Built-in remote volume control. Remote control, balanced input, CD-direct input, MC phono input, MM phono input, MM/MC phono input, or lacquer faceplate optional. 17 1/2 x 5 3/4 x 15 1/2 in; 44 lb\$3,740



Denon AVC-2800

I N T E G R A T E D A M P L I F I E R S

MERIDIAN

Model 551 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 into 8 ohms. 6 analog inputs; line-level output. Features thermal and DC protection. Adjustable input sens for each source; tape-dubbing capability; mute; 4-character alphanumeric display. 12½ x 3½ x 12½ in \$1,395

NAD

Model 304 35-W/ch Integrated Amplifier

2 channels. 35 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Two sets of 5-way binding posts; gold-plated phono and CD inputs; pre-out/main-in loops. Features discrete 4-transistor phono preamp. Signal-to-noise ratio 77 dB MM phono, 91 dB line; damping factor 100 at 50 Hz; dynamic headroom 5.5 dB. Dimensions: 16½ x 4¾ x 14¼ in; 19.3 lb \$379

Model 302 25-W/ch Integrated Amplifier

2 channels. 25 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 5-way binding posts; gold-plated phono input; pre-out/main-in loops. Features discrete 4-transistor phono preamp. S/N 77 dB MM phono, 90 dB line; damping factor 60 at 50 Hz; dynamic headroom 6 dB. Dimensions: 16½ x 4¾ x 12¼ in \$269

NAIM

NAIT 3 30-W/ch Integrated Amplifier

2 channels. 30 x 2 into 8 ohms; MM/MC phono input; 5 line-level inputs. Features electronic switching. 17¼ x 2¼ x 12 in \$1,050

ONIX

OA-31L 60-W/ch Integrated Amplifier

2 channels. 60 W x 2. 6 line-level inputs; headphone jack; biwire binding-post outputs. Separate listen and record selectors. MM or MC phono board optional. 17 x 3 x 13 in; 14 lb \$995
OA-31LT. As above, defeatable bass and treble tone controls \$1,095

OA-21S 50-W/ch Integrated Amplifier

2 channels. 50 W x 2. 5 line-level inputs; tape output. MM or MC phono board or external power supply optional. 9 x 3 x 14½ in \$950

OA-30 40-W/ch Integrated Amplifier

2 channels. 40 W x 2. 6 line-level inputs; tape input; biwire binding-post outputs; headphone jack. THD 0.02%; S/N 95 dB. 17 x 3 x 13 in; 14 lb \$595

ONKYO

Integra A-SV810Pro 325-W A/V Integrated Amp

5 channels; Dolby Pro Logic mode; DSP. 85 W x 3 (front, center) + 35 x 2 (rear) into 8 ohms or 180 x 2 max into 3 ohms. 6 video inputs including 5 S-video inputs; 10 audio inputs; 5 video outputs including 3 S-video outputs; 5 audio outputs; line-level subwoofer output. Features dual power transformers; 8-mode digital sound-field processor; motor-driven volume control. 10 sound-field presets; adjustable digital delay; record-out selector; mute switch; on-screen displays; programmable cursor key; FL display; Onkyo RI-system remote-control compatibility; remote control. FR 20-20,000 Hz; THD 0.06%; S/N 105 dB; damping factor 90. 18 x 6¾ x 16¾ in; 38.6 lb \$1,100

Integra A-809 105-W/ch Integrated Amplifier

2 channels. 105 W x 2 rms into 8 ohms or 303 x 2 max into 2 ohms. 5-way binding posts. Features discrete outputs, power supplies, and transformers; direct signal paths; dual-shielded-block construction with 2 panel chassis base; motor-driven volume control. Remote control. FR 20-20,000 Hz; THD 0.008%; S/N 107 dB; damping factor 150. 18 x 6¾ x 16¾ in; 36.8 lb \$669

Integra A-807. As above, 80 W x 2 rms into 8 ohms or 21C x 2 max into 2 ohms. 34.2 lb \$569

Integra A-SV610Pro 250-W A/V Integrated Amp

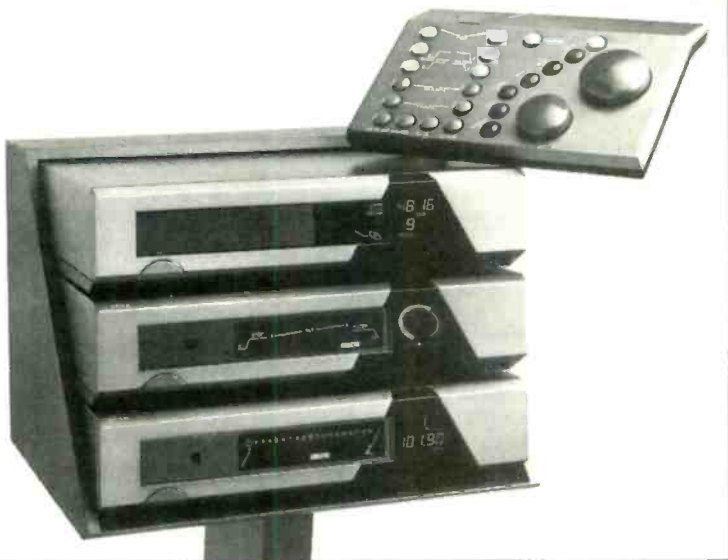
5 channels; Dolby Pro Logic mode. 70 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms, 125 x 2 rms into 8 ohms, or 240 x 2 into 4 ohms. 8 audio and 3 video inputs. Features dual power transformers. Video dubbing capability; record-out selector; tone control; FL display; Onkyo RI-system compatibility; remote control. FR 20-30,000 Hz; THD 0.08%; S/N 100 dB; damping factor 60. 18 x 6¾ x 15¼ in; 29.8 lb \$639

A-RV410 110-W/ch Integrated Amplifier

2 channels. 110 W x 2 rms into 8 ohms or 200 x 2 into 4 ohms. 7 audio and 2 video inputs; front-panel video input. Features discrete outputs; motor-driven volume control; source-direct mode. Video dubbing capability; 4-way speaker selector; loudness control; mute switch; FL display; Onkyo RI-system compatibility; remote control. FR 20-20,000 Hz; THD 0.08%; S/N 102 dB; damping factor 40. Dimensions: 18 x 5½ x 13 in; 22.2 lb \$400

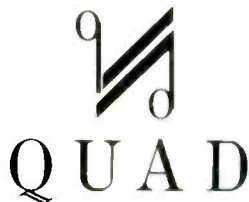
A-803 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 rms into 8 ohms or 135 x 2 max into 2 ohms. 7 audio inputs including MM/MC phono;



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5-way binding posts. Features discrete output stage; source-direct mode. Multiroom capability; 4-way speaker selector; Onkyo RI-system compatibility; remote control. FR 20-20,000 Hz; total harmonic distortion 0.06%; signal-to-noise ratio 102 dB; damping factor 40. 18 x 4 1/2 x 13 in\$365

PERREUX TECHNOLOGIES

EX-120 100-W/ch Integrated Amplifier
2 channels. 100 W x 2 cont avg into 8 ohms or 150 W x 2 cont avg into 4 ohms with 0.04 THD. 6 inputs; gold-plated input and output terminals. Features toroidal power transformer; heavy duty filter capacitors; direct input design; MOSFET output drivers; passive tone controls. Black satin finish. 17 1/2 x 5 1/2 x 11 1/4 in; 16 lb\$1,395

PIONEER

A-301 40-W/ch Integrated Amplifier
2 channels. 40 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.01% THD. 6 audio inputs. Features discrete output transistors; ch-sep enhancement circuit; complementary capacitor pair. Dimensions: 16 1/2 x 5 x 13 1/2 in\$325

ROTEL

RA-980BX 100-W/ch Integrated Amplifier
2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 7 inputs including MM and MC phono; headphone jack; pre-out/main-in loops. Tone defeat; mute/mono switch. S/N 75 dB MM, 70 dB MC, 97 dB line. 17 1/2 x 4 1/2 x 13 1/4 in\$700

RA-935BX 40-W/ch Integrated Amplifier
2 channels. 40 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD. 5 inputs including 2 tape loops; headphone jack. S/N 105 dB. 17 1/2 x 3 1/2 x 13 1/4 in\$350

RA-930AX 30-W/ch Integrated Amplifier
2 channels. 30 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 5 inputs including phono and tape loop; headphone jack. Tone control. S/N 80 dB MM, 100 dB line. 17 1/2 x 3 1/2 x 12 in\$300

SANSUI

AV9000DSP 260-W A/V Integrated Amplifier
5 channels; digital Dolby Pro Logic; DSP. 80 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms at 1,000 Hz with 0.5% THD. 6 audio and 4 video inputs; line-level output for each channel. Dolby Pro Logic decoder calibration; two discrete variable loudness contours; source-direct circuitry; programmable remote control. Amp: FR 20-20,000 Hz -3 dB front and center, 20-6,000 Hz -3 dB rear. 17 x 6 x 17 in; 32 lb ...\$900

AUX619R 80-W/ch Integrated Amplifier
2 channels. 80 W x 2 into 8 ohms from 20-20,000 Hz with 0.03% THD. MM/MC phono and line-level inputs. Variable loudness contour; unified remote control. FR 20-20,000 Hz ±0.5 dB phono, 10-100,000 Hz -3 dB line; S/N 83 dB MM, 68 dB MC, 100 dB line. 17 x 5 x 14 in; 25 lb\$500

SONY

The following ES Series models feature a source-direct mode, a twin-drive power supply, a Class A MOSFET voltage stage, a MOSFET output stage, a subsonic filter, a mono/stereo switch, A/B speaker switching, and a remote control.

TA-F808ES 100-W/ch Integrated Amplifier
2 channels. 1000 W x 2 into 8 ohms from 20-20,000 Hz with 0.004% THD or 130 x 2 into 4 ohms. 7 inputs; MM/MC phono input; line level outputs. FR 2-200,000 Hz +0, -3 dB line; S/N 93 dB MM, 79 dB MC, 105 dB line; damping factor 100 into 8 ohms. 18 1/2 x 6 1/2 x 17 1/2 in; 54.1 lb\$1,700

TA-F707ES 90-W/ch Integrated Amplifier
2 channels. 90 W x 2 into 8 ohms from 20-20,000 Hz

with 0.004% THD or 120 x 2 into 4 ohms. 7 inputs; MM/MC phono input; line level outputs. FR 2-200,000 Hz +0, -3 dB line; S/N 93 dB MM, 77 dB MC, 105 dB line; damping factor 100 into 8 ohms. 18 1/2 x 6 1/2 x 17 1/2 in; 46.8 lb\$1,200
TA-F606ES. As TA-F707ES. 80 W x 2 into 8 ohms from 20-20,000 Hz with 0.008% THD or 100 x 2 into 4 ohms. Without line-level outputs. S/N 94 dB MM; 76 dB MC. 17 x 5 1/2 x 14 1/4 in; 30.8 lb\$700

SYMPHONIC LINE

RG 9 150-W/ch Integrated Amplifier
2 channels. 150 W x 2 rms into 4 ohms. 4 line-level inputs; tape monitor output; separate preamplifier out at 70 ohm. Shielded power supply. Selectable MC/MM phono. FR 1-350,000 Hz. 54 lb\$3,495

TEAC

A-X5030 75-W/ch Integrated Amplifier
2 channels. 75 W x 2 rms into 8 ohms with 0.009% THD or 100 x 2 rms into 4 ohms with 0.025% THD, both from 20-20,000 Hz. 6 audio inputs including switchable MM/MC phono and 2 tape; binding posts. Source-direct switch; switchable subsonic filter; separate listen and record selectors; bass, treble, and balance controls; loudness switch; mute; A/B speaker switching. FR 20-20,000 Hz ±0.5 dB phono, 5-100,000 Hz -3 dB line; S/N 80 dB MM, 67 dB MC, 101 dB line. 17 1/2 x 6 1/2 x 14 in\$450

A-X1030 40-W/ch Integrated Amplifier
2 channels. 40 W x 2 rms into 8 ohms with 0.02% or 50 x 2 rms into 4 ohms with 0.04% THD, both from 20-20,000 Hz. 6 audio inputs including phono and 2 tape; mic input with level control; binding posts. Source-direct switch; independent listen and record selectors; bass, treble, and balance controls; loudness switch; A/B speaker switching; mic mixing. FR 20-20,000 Hz ±0.5 dB phono, 5-100,000 Hz -3 dB line; S/N 72 dB phono, 101 dB line. Dimensions: 17 1/2 x 5 x 14 in\$290

TECHNICS

SU-V660 90-W/ch Integrated Amplifier
2 channels. 90 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.07% THD. 6 audio inputs; power-amp direct input; MM/MC phono inputs. Features negative feedback design; Class AA circuitry. Tone controls with defeat; subsonic filter; loudness contour\$430

SU-V460 50-W/ch Integrated Amplifier
2 channels. 50 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.07% THD. 6 audio inputs; power-amp direct input. Features negative feedback design; Class AA circuitry. Tone controls with defeat; subsonic filter; loudness contour\$330

WRIGHT

Theater 120-W Integrated Mono Amplifier
1 channel. Line-level input. Low-feedback design accepts 5 output tube types. Features bass and treble controls; bias supply meter/hourmeter; choke-filtered power supply; hand-wound output transformer. Solid dark oak base. 18 x 9 x 13; 48 lb\$1,450

YAMAHA

DSP-A2070 340-W A/V Integrated Amplifier
7 channels; digital Dolby Pro Logic; 11 cinema DSP modes including SPECTACLE, MUSICAL, RECITAL, and PAVILION; 12 DSP music modes; DSP. 80 W x 3 (front, center) into 8 ohms from 20-20,000 Hz with 0.015% THD + 25 x 4 (effects) with 0.05% THD. 5 audio and 6 A/V inputs; S-video connectors; front-panel S-video A/V inputs; video-monitor output; pre-out/main-in loops for U/R front effects, center channel, and L/R rear effects; center-channel outputs for 2 speakers; subwoofer output. Features 19-bit A/D converters; interpolative 18-bit D/A converters; motor-driven input selector and volume control. Parameter controls including effect trim, front-effect presence, rear-effect

surround delay time, and reverberation; variable subwoofer test-tone generator; parameter-reset button; 7-dB bass boost at 70 Hz; digital test-tone generator; 5-band center-channel graphic EQ; record-out selector; input-level overload indicator; on-screen displays; remote control. 46.4 lb\$1,999

DSP-A970 283-W A/V Integrated Amplifier
7 channels; Dolby Pro Logic; 35-MM THEATER SURROUND and 70-MM MOVIE THEATER DSP modes; 11 cinema DSP modes including GAME AMUSEMENT, KARAOKE, FANTASY, and CLASSIC FILM; DSP. 65 W x 3 (left, right, center) into 8 ohms from 20-20,000 Hz with 0.015% THD + 22 x 4 (effects) with 0.03% THD. 5 audio and 5 A/V inputs; S-video terminals; front-panel S-video A/V input; center-channel outputs for 2 speakers; line-level outputs for 4 effects channels; subwoofer output; 3-way binding posts. Features 18-bit A/D converters; motor-driven volume control. Parameter controls with reset button; 5-band center-channel graphic EQ; input level control; record-out selector; digital test-tone generator; front, center, and rear level controls; front-mix switch for 5 channel operation; on-screen displays; programmable remote control. 30.8 lb\$1,299

DSP-E1000 180-W A/V Integrated Amplifier
5 channels; Dolby Pro Logic; TV-THEATER and CONCERT VIDEO modes; 35-MM and 70-MM theater modes; 23 DSP modes; DSP. Designed as add-on to existing 2-channel stereo. 25 W x 4 rms into 8 ohms with 0.05% THD (L/R front and rear effects) + 80 x 1 with 0.015% THD (center). Tape loop; video inputs and outputs; S-video connectors; subwoofer output with 200-Hz low-pass filter; line-level outputs for all channels; 5-way binding posts. Features motor-driven volume control. auto input balance; 5-band center-channel EQ; wide and phantom center-channel modes; front, rear, and center-channel level controls; front/rear bass boost; digital test-tone generator; audio muting; on-screen superimpose; remote control. 17 1/2 x 5 1/2 x 15 1/4 in; 27.5 lb\$999

DSP-A780 245-W A/V Integrated Amplifier
5 channels; digital Dolby Pro Logic with one 35-mm and two 70-mm enhancement modes; 12 cinema and 4 music DSP modes; ANIMATION, VIDEO GAME, KARAOKE, TV SPORTS, TV THEATER, and CLASSIC FILM entertainment modes; DSP. 65 W x 3 (front, center) from 20-20,000 Hz with 0.015% THD + 25 x 2 at 1,000 Hz with 0.03% THD, both into 8 ohms. 5 audio and 3 A/V inputs including S-video inputs and front-panel S-video A/V input; center-channel outputs for 2 speakers; subwoofer output; 2-way binding posts for front and center channels. Features motor-driven volume control. Surround parameter controls; center and rear level controls; normal, wide, and phantom center-channel modes; A/V record-out selector; mute; on-screen menus and displays including 3-dimensional listening room for system set-up; remote control with volume control. 17 1/2 x 5 1/2 x 16 1/4 in\$899

AX-570 100-W/ch Integrated Amplifier
2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.015% THD or 290 x 2 into 2 ohms. 6 audio inputs with 2 tape loops; MM/MC phono input; pre-out/main-in loops; 3-way binding posts; 3 switched AC outlets; gold-plated CD input terminal. Features antivibration antiresonance chassis and base; linear damping circuit; motor-driven input selector and volume control. Variable loudness control; record-out selector; switchable subsonic filter; Yamaha IS-system remote control. S/N 110 dB; damping factor 320. 17 1/2 x 5 1/2 x 15 1/2 in; 24.3 lb\$499

AX-470 65-W/ch Integrated Amplifier
2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.015% THD or 160 x 2 into 2 ohms. 6 audio inputs with 2 tape loops; 3 switched AC outlets; 3-way binding posts. Features antivibration antiresonance chassis; twin aluminum-extruded heat sinks; linear damping circuit; motor-driven input selector and volume control. Record-out selector; variable loudness control; Yamaha IS-system remote control. S/N 110 dB; damping factor 240. Dimensions: 17 1/2 x 5 1/2 x 15 1/2 in; 21 lb\$399

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you think
you've heard
everything...



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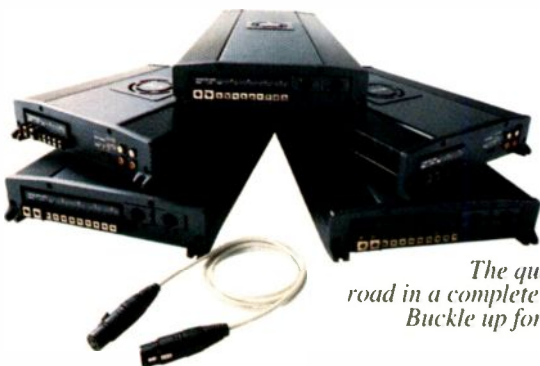


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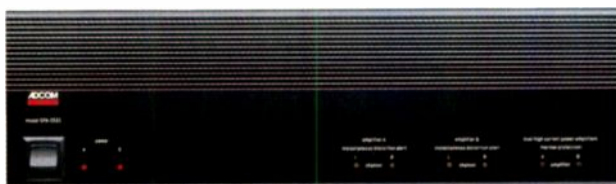
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ACCUPHASE

A-100 100-W Mono Amplifier

1 channel. 100 W x 1 into 8 ohms with 0.1% THD, 200 x 1 into 4 ohms, or 400 x 1 into 2 ohms, all cont avg from 20-20,000 Hz. Features Class A design with 16 transistors, 44 FETs, 10 ICs, and 44 diodes. Power-level meter. FR 20-20,000 Hz ± 0 dB; S/N 120 dBA; damping factor 250 into 8 ohms, 50 Hz. 18 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 21 $\frac{1}{2}$ in; 125.7 lb\$15,695

A-50 50-W/ch Amplifier

2 channels. 50 W x 2 or 200 x 1 into 8 ohms, both cont avg into 8 ohms from 20-20,000 Hz with 0.02% THD. Features circuit-breaker protection. Balanced and unbalanced inputs. Input-level controls; 2 digital power meters. FR 20-20,000 Hz -0.2 dB; S/N 110 dBA; damping factor 160 stereo. 18 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 19 $\frac{1}{2}$ in; 106.9 lb\$14,995

ACURUS

Model 200x3 600-W Amplifier

3 channels. Designed for home-theater use. 200 W x 3 cont into 8 ohms from 20 to 20,000 Hz with 0.06% THD or 250 x 3 cont into 4 ohms. Features symmetrical circuit topology; glass-epoxy circuit boards; 1% metal-film resistors; metalized polypropylene capacitors. S/N 110 dBA. 19-in front panel optional. 17 x 7 x 15 in; 45 lb\$1,299

Model 100x3. As above, 100 W x 3 cont\$899

A250 250-W/ch Amplifier

2 channels. 250 W x 2 cont into 8 ohms from 20 to 20,000 Hz with 0.06% THD or 350 x 2 into 4 ohms. Features hand crafting; symmetrical circuit topology; Class A fully discrete input and driver stage without integrated circuits; bipolar Class A/B output stage; glass-epoxy circuit board; 1% metal-film resistors; metalized polypropylene capacitors; transistors matched for Beta characteristics; 1,000-VA toroidal transformer; aluminum heat sinking. S/N 110 dBA. 19-in front panel optional. 17 x 5 x 12 in; 35 lb\$995

A150 150-W/ch Amplifier

2 channels. 150 W x 2 cont into 8 ohms from 20 to 20,000 Hz with 0.06% THD or 200 x 2 into 4 ohms. Features hand crafting; glass-epoxy circuit board; bipolar output transistors; toroidal output transformer; 1% metal-film resistors. S/N 110 dBA. 19-in front panel optional. 17 x 5 x 10 in; 32 lb\$699

ADCOM

GFA-5800 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 400 x 2 into 4 ohms. Features 32 precision-matched MOSFET output devices; thermally controlled forced-air cooling. FR 10-20,000 Hz -0.25 dB; THD 0.18%; S/N 100 dB. 17 x 8 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 57 lb\$1,500

GFA-5511 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 325 x 2 into 4 ohms. Features 1-ohm stability; low-negative-feedback design; constant damping factor. FR 10-20,000 Hz -0.25 dB; total harmonic distortion 0.04%; signal-to-noise ratio 110 dB. Dimensions: 17 x 7 $\frac{1}{4}$ x 12 $\frac{1}{4}$ in; 35 lb\$950

GFA-5451I. As above, 100 W x 2 into 8 ohms or 150 x 2 into 4 ohms. 24 lb\$630

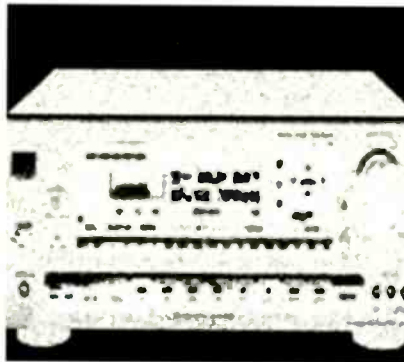
GFA-5351I. As above, 60 W x 2 into 8 ohms or 100 x 2 into 4 ohms. 17 x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 20 lb\$375

GFA-6000 420-W Amplifier

5 channels. 100 W x 3 + 60 x 2 into 8 ohms. Designed for home theater systems. Level controls for each channel. FR 10-20,000 Hz -0.25 dB; total harmonic distortion 0.09%; S/N 102 dB. Dimensions: 17 x 5 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 32 lb\$850

GFA-2535/L 240-W Amplifier

4 channels. 60 W x 4 or 60 x 2 + 200 x 1 into 8 ohms. Designed for multiroom or home theater systems. Level controls for each channel. FR 10-20,000 Hz -0.5 dB; THD 0.06%; S/N 100 dB. 17 x 5 $\frac{1}{2}$ x 14 in; 32 lb\$630



a/d/s/

Each of the following features 2-ohm load capability, a discrete Class AB design, low-negative feedback, and remote turn-on with music signal.

PH6 750-W Amplifier

6 channels. 125 W x 6, 125 x 4 + 250 x 1, 125 x 2 + 250 x 2, or 250 x 3, all into 4 ohms from 20-20,000 Hz. Features 130,000- μ F capacitors; variable-speed cooling fan. DIN and gold-plated RCA inputs\$2,399

PH4 300-W Amplifier

6 channels. 50 W x 6, 50 x 4 + 100 x 1, 50 x 2 + 100 x 2, or 50 x 3, all into 4 ohms from 20-20,000 Hz. Gold-plated RCA inputs\$1,699

AIR TIGHT

ATM-3 100-W Tube Mono Amplifier

1 channel. 100 W x 1 (triode mode). Features six 6CA7, one 12AX7, and one 12AU7 vacuum tubes; triple-push-pull circuitry; hand crafting; selectable Ultra-linear or triode tube mode; no printed circuit board; Tamura output-stage transformer. Adjustable bias for each 6CA7 output tube; 30-second turn-on delay; tube bias meter. FR 20-20,000 Hz ± 1 dB; S/N 100 dBA\$10,500

ATM-2 80-W/ch Tube Amplifier

2 channels. 80 W x 2 into 8 ohms at 1,000 Hz with 1% THD. Features four KT-88 output tubes; two 12AX7A, two 12AU7A, and two 12BH7A tubes; hand crafting; OFC wiring; cathode-follower direct drive; no printed circuit board; copper-plated chassis and bottom plate; Tamura output transformers; 8-mm-thick extruded-aluminum front panel. CD-direct Input. Adjustable tube bias. FR 20-20,000 Hz ± 1 dB; S/N 100 dBA\$6,990

ATM-1 36-W/ch Amplifier

2 channels. 36 W x 2 into 8 ohms at 1,000 Hz with 1% THD. Features four 6CA7, two 12AU7, one 12AX7, and two 5AR4 vacuum tubes; Mullard phase inversion; OFC wiring; cathode-follower direct drive; Tamura transformers; no printed circuit board. CD-direct input. FR 20-20,000 Hz ± 1 dB; S/N 100 dBA\$3,990

AMERICAN HYBRID TECHNOLOGY

AHT/300 300-W Tube Mono Amplifier

1 channel. 300 W x 1. Available through custom order only. Features silver-porcelain tube sockets; Teflon capacitors; Caddock power resistors; Vishay load and signal resistors; custom output and power transformers; regulated power supplies for driver, output, and bias stages; driver filament regulation; separately regulated negative and positive power-tube filaments. WBT inputs and outputs\$30,000/pr

ARAGON

Palladium 100-W Mono Amplifier

1 channel. 100 W x 1 cont into 8 ohms from 20 to 20,000 Hz with 0.03% THD or 600 x 1 into 4 ohms from 20-20,000 Hz. Features balanced dual-differential design via 2 discrete amplifiers in single chassis;

separate amplification of positive and negative balanced-input signals; 2,000-VA transformer; Class A operation with Class A/B mode into 2 or 4 ohms. S/N 112 dB. 19 x 6 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 65 lb\$4,000/pr

Model 4004 MkII 200-W/ch Amplifier

2 channels. 200 W x 2 cont into 8 ohms from 20 to 20,000 Hz with 0.05% THD or 400 x 2 into 4 ohms from 20-20,000 Hz. Features dual-mono design with two separate mono amplifiers in single chassis, each with toroidal transformer; direct circuit coupling with no capacitors in signal path; matched output transistors; auto bias circuitry. S/N 110 dBA. 19 x 6 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 65 lb\$1,850

Model 2004 MkII 100-W/ch Amplifier

2 channels. 100 W x 2 cont into 8 ohms from 20 to 20,000 Hz with 0.05% THD or 200 x 2 cont into 4 ohms from 20-20,000 Hz. Features dual-mono design; dual-wound toroidal transformer; direct circuit coupling with no capacitors in signal path; matched output transistors; auto bias circuitry. S/N 110 dBA. 19 x 6 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 46 lb\$1,395

ARCAM

Delta 120.2 100-W/ch Amplifier

2 channels. 100 W x 2 cont into 8 ohms, 150 x 2 into 4 ohms, or 300 x 1 cont into 8 ohms. Two speaker output pairs. Features dual-mono design with individual power supplies and transformers for each channel. Bridging switch. FR 10-20,000 Hz ± 0.5 dB; THD 0.01%; S/N 110 dB\$1,100

AUDIO BY VAN ALSTINE

FET-Valve 500hc 250-W/ch Tube Amplifier

2 channels. 250 W x 2 into 8 ohms. Features hybrid design with vacuum tube and Class A MOSFET transimp circuitry. THD 0.04%. 17 x 7 x 13 in; 38 lb\$1,695

FET-Valve 300hc. As above, 150 W x 2 into 8 ohms. 33 lb\$1,395

Omega II 440 220-W/ch Amplifier

2 channels. 220 W x 2 into 8 ohms. Features active feedback design. THD 0.05%; slew rate 150 V/ μ s. 17 x 7 x 13 in; 38 lb\$1,195

Omega II 260. As above, 130 W x 2 into 8 ohms. 30 lb\$895

Omega II 200. As above, 90 W x 2 into 8 ohms. 26 lb\$695

AUDIO DESIGN ASSOCIATES

MPA-500 2,000-W THX Amplifier

5 channels. 400 W x 5. Designed for home theater systems. THX certification; separate power supply. Each chassis 5 $\frac{1}{4}$ x 19 x 16 $\frac{1}{2}$ in\$5,999

BPA-500 500-W Mono THX Amplifier

1 channel. 500 W x 1. Designed for subwoofers. THX certification. 5 $\frac{1}{4}$ x 19 x 16 $\frac{1}{2}$ in\$2,199

PBA-150 200-W Mono Amplifier

1 channel. 200 W x 1 cont avg into 8 ohms from 20-200 Hz with 0.06% THD or 325 x 1 into 4 ohms. Designed for subwoofers. Features toroidal power transformer; fan cooling; fuse protection. LED power meter; variable level, frequency, and bandwidth controls. S/N 101 dB; slew rate 10 V/ μ s. 19 x 5 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in; 32 lb\$2,199

PBA-50 50-W Mono Amplifier

1 channel. 50 W x 1 into 8 ohms from 20-20,000 Hz with 0.02% THD or 80 x 1 into 4 ohms. Designed for subwoofers. Features toroidal power transformer; fan cooling. Variable level, frequency, and bandwidth controls; LED power meter. S/N 104 dB; slew rate 10 V/ μ s\$1,999

MPA-6 700-W Amplifier

6 channels. 90 W x 5 + 250 x 1 (subwoofer). Designed for home theater systems. Features variable 20-200 Hz subwoofer crossover. Subwoofer output with level control; 5-way binding posts. Variable input sens and LED power indicators for each channel. 5 $\frac{1}{4}$

x 19 x 16 1/2 in; 32 lb\$1,699

MPA-5 575-W Amplifier

5 channels. 115 W x 5. Designed for home theater systems. 5-way binding posts. Variable input sens and LED power indicator for each channel. 5 1/4 x 19 x 16 1/2 in; 32 lb\$1,599

PF-250 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.07% THD. 160 x 2 into 4 ohms, or 240 x 2 into 2 ohms. Features MOSFET circuitry; 2-ohm stability; toroidal transformer; fan cooling. LED power meter. S/N 95 dB; slew rate 15 V/μs. Dimensions: 19 x 5 1/4 x 16 1/2 in; 37 lb\$1,599

PF-200 60-W/ch Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.07% THD, 110 x 2 into 4 ohms, or 240 x 2 into 1/2 ohm. Features MOSFET circuitry; 1/2-ohm load capability; toroidal transformer; fan cooling; fuse protection. LED output meters. S/N 95 dB; slew rate 10 V/μs\$1,399

Delta 650 300-W Amplifier

6 channels. 50 W x 6. Designed to power 3 zones; matches Delta 3 preamplifier. Features line conditions to prevent turn-on/off thump; 4-ohm-driving capability\$1,199

AUDIO INNOVATIONS

Second Audio 15-W Tube Mono Amplifier

1 channel. 15 W x 1. Triode Class A design; all hand-wired circuitry; silver-wired signal path; paper signal capacitors; zero negative feedback; ground-isolation switch. 4- and 8-ohm outputs\$5,000/pr
First Audio. As above, 7.5 W x 2\$2,500

S1000SE 50-W/ch Tube Amplifier

1 channel. 50 W x 1. Features Class A design; silver circuit board; silver signal wiring; ground-isolation switch\$4,250/pr

S1000 50-W Tube Mono Amplifier

1 channel. 50 W x 1. Class A design; ground-isolation switch. 4- and 8-ohm outputs\$2,700/pr
S800. As above, 25 W x 2\$1,400

AUDIOLAB

Model 8000P MkII 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 175 x 2 into 4 ohms. Features dual-mono design; toroidal transformer with split secondaries; differential-FET input design; bipolar output stage; overload protection. 2 sets of outputs. Mute. FR 3-75,000 Hz; THD 0.05%; S/N 95 dB. 17 1/2 x 3 x 13 in; 21 lb\$1,195

Model 8000M 125-W Mono Amplifier

1 channel. 125 W x 1 into 8 ohms or 200 x 1 into 4 ohms. Features toroidal transformer; overload protection. 2 sets of inputs; 2 sets of outputs. Mute. FR 1-75,000 Hz; THD 0.05%; S/N 95 dB. 17 1/2 x 3 x 13 in; 21 lb\$1,035

AUDIO NOTE

Gaku-On 45-W Tube Mono Amplifier

1 channel. 45 W x 1. Features two Western Electric 845 output tubes in parallel single-ended configuration; 6072A and 5687 line and driver tubes; Class A design; hand-wound output transformers with pure silver on ceramic-lear core materials; tantalum-film resistors with silver end caps and lead-out wires; handmade silver-foil signal capacitors. 8 1/2 x 9 1/2 x 21 in\$221,000/pr

Kegon 17-W/ch Tube Amplifier

2 channels. 17 W x 2. Features two Western Electric 300B tubes per channel; 6072A and 5687 line and driver tubes; hand-wound output transformers with pure silver on ceramic-lear core materials; tantalum-film resistors with silver end caps and lead-out wires; handmade silver-foil signal capacitors. 20 1/2 x 9 x 14 1/2 in\$107,000

Kageki 7.5-W/ch Tube Amplifier

2 channels. 7.5 W x 2. Features two Western Electric 2A3 output tubes per channel; 6072A and 5687 line and driver tubes; hand-wound output transformers with pure silver on ceramic-lear core materials; tantalum-film resistors with silver end caps and lead-out wires; handmade silver-foil signal capacitors. 18 1/2 x 8 x 15 1/2 in\$64,700

Neiro 7.5-W Tube Amplifier

2 channels. 7.5 W x 2. Features hand crafting; parallel single-ended 2A3 tubes; no-feedback Class A design; copper chassis; 99.99% pure-silver wiring; tantalum-film resistors; paper-in-oil capacitors; tube rectification; choke power supplies; age-annealed pure-copper transformer windings. Input-level controls. 18 x 8 1/2 x 14 1/2 in\$16,900

Neiro/Silver. As above, with hand-made silver-foil signal capacitors. 18 1/2 x 8 x 15 1/2 in\$20,500
Kassai/Silver. As Neiro/Silver. 17 W x 2. 300B tubes instead of 2A3s. 20 1/2 x 9 x 14 1/2 in\$46,200

P4 SE 17-W/ch Tube Mono Amplifier

1 channels. 17 W x 1. Two directly heated 300B tubes per channel in parallel single-ended configuration; Class A design. 12 1/2 x 8 x 17 1/2 in\$5,995/pr

P-100 100-W Tube Mono Amplifier

1 channel. 100 W x 1. Features Class A parallel push-pull pentode design; four 6L6GC tubes per channel\$5,995/pr
 Signature version with copper-foil capacitors and silver wiring\$6,995/pr
P-30. As above, 40 W x 1\$2,895/pr
 Signature version with copper-foil capacitors and silver wiring\$3,995/pr

P3 SE 8.5-W/ch Tube Amplifier

2 channels. 8.5 W x 2. Features 300B tube per channel in single-ended operation; zero-feedback Class A design; Black Gate electrolytics in power supply. 12 1/2 x 8 x 17 1/2 in\$3,095

P2 SE 17-W/ch Tube Amplifier

2 channels. 17 W x 2. Features two 6L6GC output tubes; 6LS7 line and driver tubes; Class A design. 11 1/2 x 5 1/2 x 17 1/2 in; 38 lb\$2,495

First SE 8.5-W/ch Tube Amplifier

2 channels. 8.5 W x 2. Features 6L6GC output tube per channel. 6SN7 line and driver tubes; Class A design. Input-sens controls. Dimensions: 11 1/2 x 5 1/2 x 17 1/2 in; 31 lb\$995

AUDIO RESEARCH

VT150 130-W Tube Mono Amplifier

1 channels. 130 W x 1 cont into 16 ohms from 20 to 20,000 Hz with 1% THD. Features four 6550, one 12AX7, four 12BH7A, and two 6922 vacuum tubes. Balanced inputs. Frequency response 2-200,000 Hz -3 dB; slew rate 17 V/μs. Dimensions: 14 1/2 x 12 x 22 in; 62 lb\$5,995

D400 MkII 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4 ohms. Features bridgeable design; power transformer dedicated to supplying input stage; direct-coupled Multiple-Emitter Transistors for output stage and input-stage drivers; elastomer feet for isolation/damping. Balanced-XLR and unbalanced-RCA inputs; inverting unbalanced inputs. Slew rate 50 V/μs. 19 x 9 x 17 1/2 in; 76 lb\$5,495
D300. As above, 160 W x 2 into 8 ohms or 300 x 2 into 4 ohms Without dedicated input-stage transformer or inverting unbalanced inputs. 19 x 7 x 12 1/2 in; 48 lb\$3,995
D200. As D300. 110 W x 2 into 8 ohms or 200 x 2 into 4 ohms. 19 x 5 1/2 x 11 1/2 in; 32.5 lb\$2,495

VT130 110-W/ch Tube Amplifier

2 channels. 110 W x 2 cont into 16 ohms from 20 to 20,000 Hz with 1% THD. Features four 6550, two 12BH7A, and four 6922 vacuum tubes. Balanced inputs. FR 5-160,000 Hz -3 dB; slew rate 17 V/μs. 14 1/2 x 12 x 22 in; 69 lb\$4,995

V140 120-W/ch Tube Amplifier

1 channels. 120 W x 1 cont into 16 ohms from 20 to 20,000 Hz with 1% THD. Features hybrid tube/solid-state design with two KT90 and two 6FQ7/6CG7 tubes. fully balanced input stage with JFET transistors and MOSFET followers; partial cathode coupling; E-core output transformers; coaxial capacitors; fan cooling. Soft start-up and shut-down. Slew rate 17 V/μs. 3-yr warranty. Dimensions: 19 x 8 1/4 x 15 1/2 in; 61 lb\$3,995

V70 60-W/ch Tube Amplifier

2 channels. 60 W x 2 cont into 16 ohms from 15 to 20,000 Hz with 1% THD. Features hybrid tube/solid-state design with KT90 and 6FQ7/6CG7 tubes; fully balanced input stage with JFET transistors and MOSFET followers; partial cathode coupling; E-core output transformers; coaxial capacitors; fan cooling. Soft start-up and shut-down. Slew rate 20 V/μs. 3-yr warranty. 19 x 7 x 15 1/2 in; 63 lb\$3,995

V35. As above, 30 W x 2 cont into 16 ohms from 17-20,000 Hz with 1% THD. No fan cooling. Slew rate 15 V/μs. 19 x 7 x 14 1/2 in; 45 lb\$2,995

AUDIOSOURCE

AMP One 80-W/ch Amplifier

2 channels. 80 W x 2 rms into 8 ohms or 200 x 1 into 4 or 8 ohms. Features soft-clipping circuitry; toroidal power supply. Separate high- and medium-level inputs. A/B speaker selector; 2-stage output meters. FR 20-20,000 Hz ±0.5 dB; THD 0.04%; S/N 110 dB; dynamic headroom 2 dB. 16 1/2 x 2 1/2 x 11 1/2 in\$300

AUDIRE

Monarch 100-W Mono Amplifier

1 channel. 100 W x 1 into 8 ohms. 200 x 1 into 4 ohms, 380 x 1 into 2 ohms, or 720 x 1 into 1 ohms, all from 20-20,000 Hz with 0.008% THD. Features Class A design; 30 output transistors; thermal protection. LED transistor/fuse monitoring. FR 2-100,000 Hz -1 dB; slew rate 50 V/μs; damping factor 1,500 at 1,000 Hz. 23 x 42 x 5 1/2 in; 115 lb\$30,000/pr

Parlando 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms. 200 x 2 into 4 ohms, or 360 x 2 into 2 ohms, all from 20-20,000 Hz with 0.02% THD. Features dual-mono Class A design; 32 output transistors and 8 drivers; 1-ohm capability. Unbalanced RCA and balanced-XLR inputs. 2 power switches. FR 2-100,000 Hz -1 dB; slew rate 50 V/μs; damping factor 800 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 8 1/2 x 18 1/2 in; 85 lb\$3,741

Otez 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms, 500 x 2 into 4 ohms, 800 x 2 into 2 ohms, or 1,000 x 1 into 8 ohms. Features dual-mono Class AB design; one fuse for every 2 output transistors; protection circuitry not in signal path; 2 combination circuit-breaker/power switches. Unbalanced RCA and balanced-XLR inputs. FR 2-100,000 Hz -1 dB; slew rate 50 V/μs; damping factor 850 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 8 1/2 x 18 1/2 in; 85 lb\$3,569

Tenendo 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4 ohms, both from 20-20,000 Hz with 0.05% THD. Features dual-mono Class AB design; 8 bipolar output devices per channel; 2 combination circuit-breaker/power switches; protection circuitry not in signal path. Balanced-XLR and unbalanced-RCA inputs. FR 2-100,000 Hz -1 dB; slew rate 50 V/μs; damping factor 700 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 7 x 10 in; 45 lb\$2,154

Forte 125-W/ch Amplifier

2 channels. 125 W x 2, 250 x 2 into 4 ohms, or 400 x 2 into 2 ohms, all from 20-20,000 Hz. Features dual-mono MOSFET design. Balanced-XLR and unbalanced-RCA inputs. 2 power switches. Frequency response 2-100,000 Hz -1 dB; slew rate 50 V/μs; damping factor 350 at 1,000 Hz. Dimensions: 19 x 5 1/2 x 10 in; 41 lb\$1,467
 Dual-mono bipolar version\$1,360

Crescendo 75-W/ch Amplifier

2 channels. 75 W x 2 into 8 ohms or 130 x 2 into 4 ohms, both from 20-20,000 Hz. Features MOSFET design. Balanced-XLR and unbalanced-RCA outputs. FR 2-100,000 Hz; slew rate 45 V/μs; damping factor 300 at 1,000 Hz. 19 x 5 1/4 x 9 in.; 22 lb \$825
Bipolar version \$760

AYRE

V-3 100-W/ch Tube Amplifier

2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features inductor-input power-supply filter; all FET circuitry; zero feedback. 55 lb \$3,450

B&K COMPONENTS

All 8-ohm power ratings are at 1,000 Hz with 0.09% THD.

AV6000 630-W Amplifier

6 channels. 105 W x 6 into 8 ohms. Designed for home-theater or multiroom applications. Features 6 discrete amplifiers. Gold-plated connectors. Individual level controls for each channel. FR 5-45,000 Hz; S/N 90 dB; slew rate 20 V/μs; dynamic headroom 0.9 dB. 17 x 5 1/4 x 16 in.; 40 lb \$1,298
AV654. As above, 60 W x 6 into 8 ohms. Configurable for 5, 4, or 3 channels. Slew rate 14 V/μs; dynamic headroom 1.4 dB. 17 x 5 1/4 x 11 in 25 lb. . \$998

EX4420 M/BAL 200-W Mono Amplifier

1 channel. 200 W x 1 into 8 ohms or 400 x 1 into 4 ohms. Features Class A DC-coupled pre-driver circuitry; MOSFET output stage; toroidal transformer. Balanced inputs. FR 1-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 1.4 dB. 17 x 5 1/4 x 16 in.; 40 lb \$1,098

EX4420/BAL 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms. Features dual-mono design; DC-coupled circuitry. Gold-plated connectors; balanced inputs. FR 1-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 1.2 dB. 17 x 5 1/4 x 16 in.; 40 lb \$998

ST3030/BAL 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms. Balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 1.1 dB. 17 x 5 1/4 x 16 in.; 38 lb \$798
ST2020/BAL. As above, 150 W x 2. Gold-plated connectors. Dynamic headroom 1.5 dB. 32 lb \$698

ST1400/BAL 105-W/ch Amplifier

2 channels. 105 W x 2 into 8 ohms. Features Class A pre-driver stage; MOSFET output stage. Balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 1.4 dB. Dimensions: 17 x 5 1/4 x 15 1/2 in.; 25 lb \$598
ST1400 M/BAL. As above, mono. 105 W x 1 \$598

ST-120/BAL 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms. Features Class A pre-driver stage; Class AB MOSFET output stage. Balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs. 17 x 2 1/2 x 11 in.; 12 lb \$398

BEL

Model 1001 MKII 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms, 100 x 2 into 4 ohms, 200 x 2 into 2 ohms, 200 x 1 into 8 ohms, or 400 x 1 into 4 ohms. Features Class A operation; convection cooling with temperature-stabilizing circuitry; accelerated warm-up; pitchless filter capacitors; temperature-, frequency-, output-, and load-fault protection. RCA inputs; copper binding-post outputs. Mono/stereo switch. Dimensions: 17 1/4 x 7 3/4 x 13 in \$2,995
Rack-mount version. 19 x 8 1/4 x 14 1/4 in \$100

BEL CANTO DESIGN

Orfeo 30-W Tube Mono Amplifier

1 channel. 30 W x 1 into 4 or 8 ohms. Features direct-heated 845 triode for output; Class A operation;

hand-wound output transformer; polypropylene-film capacitors for power supplies. S/N 90 dBA; damping factor 4. 5-yr parts-and-labor warranty. 19 x 11 x 15 in.; 70 lb \$7,950/pr

Cello 50-W/ch Amplifier

2 channels. 50 W x 2 into 4 or 8 ohms or 100 x 1. Features Class A operation; MOSFET balanced output stage driving hand-wound output transformer; regulated power supplies with separate regulators for input and output stages. S/N 100 dBA; damping factor 20. 5-yr parts-and-labor warranty. 17 x 6 x 14 in.; 65 pounds \$2,490

BERNING

EA-2101 100-W/ch Tube Amplifier

2 channels. 100 W x 2. Features triode design; switching power supply; 4 isolated transformer output windings for each channel. Balanced and unbalanced inputs \$3,900

BIC AMERICA

SWA100 70-W Mono Amplifier

1 channel. 70 W x 1 cont avg into 8 ohms from 20-70 Hz with 0.7% THD or 100 x 1 cont avg into 4 ohms. Designed for subwoofers. Features Class AB operation. Dynamic headroom 2 dB. 15 lb \$399

BOULDER

Model 500 150-W/ch Amplifier

2 channels. 150 W x 2 cont into 8 ohms from 20 to 2,000 Hz with 0.0015% THD, 250 x 2 cont into 4 ohms, or 500 x 1 cont into 8 ohms. Switching between mono-balanced-output and stereo operation; 120/240-V operation. FR 20-20,000 Hz +0, -0.04 dB; slew rate 35 V/μs stereo; damping factor 800 at 1,000 Hz. 17 x 7 1/4 x 16 1/2 in.; 58 lb \$5,800
Model 500M. As above, metal finish with handles \$5,450

Model 500AE. As Model 500. 120-V operation only. Features 990 gain stage hand built with 69 discrete components \$4,650

Model 250AE. As Model 500AE, 75 W x 2 cont into 8 ohms from 20-2,000 Hz with 0.0015% THD, 125 x 2 cont into 4 ohms, or 250 x 1 cont into 8 ohms. 120/240-V operation. Slew rate 25 V/μs. 17 x 6 1/4 x 16 1/2 in.; 35 lb \$3,125

Model 102AE. As Model 500AE, not bridgeable. 100 W x 2 cont into 8 ohms from 20-2,000 Hz with 0.0015% THD or 170 x 2 cont into 4 ohms. 120/240-V operation. 17 x 4 1/2 x 16 1/2 in \$2,875

Model 102M. As Model 102AE, metal finish \$3,250

BRYSTON

The following feature a 20-yr parts-and-labor warranty. Models 7B-NRB, 3B-NRB, and 2B-LP feature a ground-lift switch to separate system and audio grounds. Models 3B-NRB, 4B-NRB, 7B-NRB, and 8B-NRB are all available in THX versions.

Model 8B-NRB 400-W/ch Amplifier

2, 3, or 4 channels. 400 W x 2. Slew rate 60 V/μs; damping factor 500. 19 x 5 1/4 x 15 1/2 in \$2,695

Model 4B-NRB 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual power supplies with multiple filter capacitors; 2,496-square-in heat sink; soft-start circuitry; input buffer. Gold-plated connectors; balanced XLR and unbalanced RCA inputs. LED indicators; mono/stereo switch. Slew rate 60 V/μs; damping factor 500 at 20 Hz into 8 ohms. 19 x 5 1/4 x 15 1/2 in.; 42 lb \$2,295

Model 7B-NRB 500-W Mono Amplifier

1 channel. 500 W x 1 from 20-20,000 Hz with 0.01% THD. Features toroidal transformers; soft-start circuitry; 2,496-square-in heat sink. Gold-plated balanced-XLR and unbalanced-RCA inputs. Series/parallel switch. Slew rate 60 V/μs parallel, 120 V/μs bridged; damping factor 300 at 20,000 Hz into 8 ohms. 19 x 5 1/4 x 15 1/2 in.; 42 lb \$2,195

Model 3B-NRB 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual power supplies; quad-complementary output section; 1,248-square-in heat sink. Gold-plated RCA and XLR inputs. Mono/stereo switch; LED indicators. Slew rate 60 V/μs; damping factor 500 at 20 Hz into 8 ohms. 19 x 5 1/4 x 9 in.; 28 lb \$1,395

Model 2B-LP 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual power supplies; 615-square-in heat sink; 1% metal-film resistors; polystyrene capacitors; discrete circuitry. Gold-plated 5-way binding posts and RCA connectors. Mono/stereo switch; LED indicators. Slew rate 60 V/μs. 19 x 1 3/4 x 10 in.; 48.3 lb \$750

CARVER

Lightstar Reference 300-W/ch Amplifier

2 channels. 300 W x 2 with 0.2% THD, 600 x 2 cont into 4 ohms, or 1,200 x 2 cont into 2 ohms. Features high-current reactive load-independent amplifier topology designed to provide consistent amplifier performance independent of reactive currents from the speaker; digital transformer; discrete dual-mono design including 2 AC cords; built-in line conditioning; servo-controlled touch-plate for standby power; solid 3/8-in-thick anodized aluminum chassis. Balanced-XLR and unbalanced inputs with switchable standard/high gain. Power meters for each channel. S/N 107 dB low gain, 98 dB high gain; slew rate 50 V/μs. 19 x 7 x 17 1/2 in.; 75 lb \$3,500

TFM-75 750-W/ch Amplifier

2 channels. 750 W x 2 into 8 ohms from 20-20,000 Hz with 0.25% THD or 1,000 x 2 cont into 4 ohms. Features dual-mono design including 2 power cords; transfer function modified to emulate reference tube amplifier; fan cooling; protection circuitry. Input-sens controls for each channel. 2 analog level meters. S/N 100 dBA; dynamic headroom 1.2 dB. 19 x 5 1/4 x 14 1/2 in.; 48 lb \$2,200

TFM-55 380-W/ch Amplifier

2 channels. 380 W x 2 into 8 ohms from 20-20,000 Hz with 0.5% THD, 500 x 2 into 4 ohms, or 1,000 x 1. Features transfer function modified to emulate reference tube amplifier; protection circuitry. L/R level controls; 2 analog level meters. S/N 100 dBA. 19 x 4 1/4 x 14 1/2 in.; 23 lb \$1,095

TFM-35x 250-W/ch THX Amplifier

2 channels. 250 W x 2 into 8 ohms from 20-20,000 Hz with 0.2% THD. 350 x 2 into 4 ohms, or 700 x 1. Features THX certification; protection circuitry. Gold-plated RCA inputs; binding-post outputs. 2 analog level meters; removable rack handles. S/N 100 dBA; dynamic headroom 2.1 dB. Dimensions: 19 x 4 1/2 x 14 1/2 in.; 22 lb \$800

AV-405 410-W Amplifier

5 channels. 100 W x 2 (front) from 20-20,000 Hz with 0.1% THD + 110 x 1 (center) + 50 x 2 (rear), all into 8 ohms. Designed for use in home theater systems. Features discrete output-stage circuitry for all channels; protection circuitry. removable rack handles. S/N 95 dBA; dynamic headroom 1.2 dB. 19 x 4 1/2 x 15 in.; 25 lb \$750

TFM-15cb 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD, 140 x 2 into 4 ohms, or 300 x 1. Features protection circuitry. Line-level outputs. L/R level controls; A/B speaker selector; 2 analog level meters. Signal-to-noise ratio 110 dBA; dynamic headroom 1.1 dB. Dimensions: 19 x 3 3/8 x 13 in.; 17 lb \$500

TFM-6cb 65-W/ch Amplifier

2 channels. 65 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD, 100 x 2 into 4 ohms, or 180 x 1. Features protection circuitry. Line-level outputs. A/B speaker selector; L/R level controls; LED overload indicators; removable rack handles. S/N 92 dBA; dy-

namic headroom 1.1 dB. Dimensions: 19 x 1 1/4 x 12 1/2 in; 17 lb\$350

CARY AUDIO DESIGN

CAD-211M 260-W Tube Mono Amplifier

1 channel. 260 W x 1. Features pure triode, zero feedback, balanced design; input signal gain stage employs a pair of 12AU7 dual triode tubes driving a pair of 300B triode tubes driving a pair of directly heated 845 triode tubes; transformers are wax impregnated and use OFC wire; 300% duty cycle power transformer, 200% duty cycle output transformer; silver double E Teflon wire; oil-filled coupling caps; interstage coupling transformer; PI-L network DC power supply; DC filament power supply. Balanced xLR or unbalanced inputs: 4, 8, 16 ohm copper speaker posts. 12 1/4 x 10 x 24 in; 90 lb\$12,500/pr

SLM-200 200-W Tube Mono Amplifier

1 channel. 200 W x 1. Features eight KT-88 output tubes per channel, plus two 6SN7 tubes; push pull mono blocs. FR 20-20,000 Hz ±0 dB. 12 1/4 x 8 1/2 x 24 in; 75 lb\$8,995/pr

CAD-805 50-W Tube Mono Amplifier

1 channel. 50 W x 1. Features single-ended Class A circuitry utilizing 211 triode output tubes and 300B driver tubes; one EI laminated core power, one special air-gap output transformers; 200% duty cycle on all transformers; one 6SL7 per mono block, one 300B per mono block, one 211 per mono block tubes; oil-filled coupling capacitors; 5-minute warm-up time. FR 20-20,000 Hz ±0.5 dB. Dimensions: 12 1/4 x 10 x 24 in; 80 lb\$7,995/pr

CAD-300M Signature 60-W Tube Mono Amplifier

1 channel. 39 W x 1 rms into 4 ohms or 40 W x 1 rms into 8 ohms. Features design circuitry similar to CAD-300B including special triode designed transformer; push-pull amplification in Class A circuitry; four 300B triode output, two 6SL7 pre-driver phase inverter, and two 5U4G/CV-378 tubes; 1% metal film resistors; 150% duty cycle on all transformers; polystyrene and polypropylene capacitors. FR 20-20,000 Hz ±0.75 dB; damping factor 35. 16 1/2 x 7 x 14 in; 42 lb\$6,595/pr

CAD-300SSE 20-W/ch Tube Amplifier

2 channel. 20 W x 2 into 4 or 8 ohms. Features parallel single-ended triode tube design in Class A circuitry; air gapped, wound with OFC wire, wax impregnated transformers; 200% duty cycle on all transformers; silver double E Teflon wire; 1% metal film resistors; oil-filled coupling caps; point-to-point wiring; four 12AX7, four 300B triode output in parallel single-ended, two CV378 rectifier tubes. Stainless steel chrome chassis with high gloss anodized black front panel. 18 x 9 x 13 in\$6,495

CAD-300SE 12-W Tube Mono Amplifier

1 channel. 12 W x 1. Features single-ended triode tube design in Class A circuitry; 300B triode tubes; hand wired point-to-point; air gap transformer design; 200% duty cycle on all transformers; 1% metal film resistors; polystyrene capacitors. FR 20-30,000 Hz ±0.75 dB at 1 W; damping factor 40. Nickel chrome-plated stainless steel finish. 5 1/2 x 7 x 19 in; 30 lb\$3,695/pr

CAD-300B Signature Tube Amplifier

2 channels. 25 W x 2 into 4 or 8 ohms. Features push-pull amplification in Class A circuitry; output transformer in a triode tube design developed by Cary Audio; 100% duty cycle on all transformers; all silver wire, point-to-point wired; 1% metal film resistors; polystyrene and polypropylene capacitors; two 6SL7, four 300B triode output, and two C237 rectifier tubes. Balanced inputs optional. FR 18-26,000 Hz ±0.75 dB; damping factor 30. Dimensions: 16 1/2 x 7 x 14 in; 42 lb\$3,295

SLM-100 100-W Tube Mono Amplifier

1 channel. 100 W x 1 rms into 4 ohms or 113 W x 1 rms into 8 ohms. Push-pull amplification in Class A/AB circuitry; one F1 laminated core power trans-

former and one ultralinear output transformer, both wax impregnated and wound with OFC wire; 150% duty cycle on all transformers; one 6SL7 pre-driver, one 6SL7 phase inverter, and four 6550 beam power output tubes; 1% metal film resistors; polystyrene and polypropylene capacitors; 3-minute warm-up time. Frequency response 9-30,000 Hz ±0.75 dB at 1 W; damping factor 30. Dimensions: 10 x 6 x 20 in; 40 lb\$3,295/pr

CAD-80M Signature 80-W Tube Mono Amplifier

1 channel. 80 W x 1 rms into 4 or 8 ohms. Features push-pull ultralinear Class AB circuitry; 200% duty cycle on all transformers; one 6SL7, two 6550, and two KT-88 tubes; 1% metal film resistors; polystyrene and polypropylene capacitors. KT-99 tubes optional. Frequency response 10-30,000 Hz ±0.75 dB at 1 W; damping factor 35. Dimensions: 5 1/2 x 7 x 19 in; 25 lb\$2,495/pr

SLA-70B Signature 60-W/ch Tube Amplifier

2 channels. 56 W x 2 rms into 4 ohms or 60 W x 2 rms into 8 ohms. Features push-pull ultralinear Class A/AB circuitry; heavy duty transformers are wax impregnated and wound with OFC wire; 150% duty cycle on all transformers; 1% metal film resistors; polystyrene and polypropylene capacitors; two 6SL7 pre-driver phase inverter, four 6550A push-pull output circuit, and two 6U4G or CV729 high voltage rectifier tubes. Copper binding posts. Standby switch. FR 18-30,000 Hz ±0.75 dB at full power; damping factor 35. 13 x 7 x 12 in; 42 lb\$1,595
SLA-70B. As above, 49 W x 2 rms into 4 ohms or 50 W x 2 rms into 8 ohms. Circuitry not ultralinear; 100% duty cycle on all transformers; four EL-34 push-pull output circuit; tubes replace four 6550A tubes. No copper binding posts. No standby switch. FR 20-20,000 Hz ±0.75 dB at 1 W. Dimensions: 13 x 6 x 12 in; 34 lb\$1,195

SLA-30 30-W/ch Tube Amplifier

2 channels. 30 W x 2 rms into 4 or 8 ohms. Features push-pull Class A circuitry; output transformers wound with OFC wire; 150% duty cycle on all transformers; 1% metal film resistors; polystyrene and polypropylene capacitors; 3-minute warm-up time. Heavy duty upgrade tubes optional. FR 10-30,000 Hz ±0.75 dB at 1 W; damping factor 30. 16 1/2 x 4 1/4 x 12 1/4 in; 27 lb\$999

CELESTE

Each of the following features no feedback and a 3-yr warranty.

W-4250 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD or 500 x 2 into 4 ohms. Features Class AB design. xLR and RCA inputs. S/N 103 dB; damping factor 500. 17 1/4 x 5 1/4 x 19 1/2 in\$2,999
W-4150. As above, 150 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD or 300 x 2 into 4 ohms. 17 1/4 x 5 1/4 x 14 in\$1,999
W-4070. As W-4150, 70 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% total harmonic distortion or 140 x 2 into 4 ohms\$1,595

CELLO

Performance II 200-W Mono Amplifier

1 channel. 200 W x 1 into 8 ohms or 400 x 1 into 4 ohms. Features Class AB1 design with non-inverting polarity; separate dual-choke power supply; 40 output devices per channel. Balanced input. THD 0.1%; S/N 105 dB; damping factor 200; dynamic headroom 2.7 dB. Amp or power supply 17 1/2 x 8 1/2 x 18 1/2 in; 45 lb\$22,000/pr
 Bridging kit\$385

Duet 350 350-W/ch Amplifier

2 channels. 350 W x 2 into 8 ohms or 600 x 2 into 4 ohms. Features bridgeable Class AB design with non-inverting polarity; 12 output devices per channel. Balanced inputs. THD 0.3%; S/N 100 dB; damping factor 100; dynamic headroom 1.8 dB. 19 x 12 1/2 x 23 1/2 in; 95 lb\$7,500

Encore 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 100 x 2 into 4 ohms. Features bridgeable Class AB2 design with non-inverting polarity; 40 output devices per channel. Balanced inputs. Available as two mono amplifiers. THD 0.3%; S/N 100 dB; damping factor 80; dynamic headroom 1.8 dB. 19 x 5 x 13 1/2 in; 28 lb\$6,000
 Bridging kit\$325

CLASSÉ AUDIO

The following are available in satin black or soft shadow silver finishes.

Classé S-1000 300-W/ch Amplifier

2 channels. 300 W x 2 into 8 ohms; 1000 W x 1 into 8 ohms; 1200 W x 2 into 2 ohms. Features Classé PCB circuit boards with UHC Transfer characteristics; true differential amplifier circuits from input to output; magnetic flux controlled transformer cover. Regular and balanced operation externally switchable. FR 20-20,000 Hz ±0.1 dB; S/N 100 dB. 19 x 8 x 20 1/4 in; 82 lb\$4,495
Classé S-700. As above, 200 W x 2 into 8 ohms; 700 W x 1 into 8 ohms; 800 W x 2 into 2 ohms. 19 x 7 1/4 x 17 1/4 in; 68 lb\$3,495

Classé 25 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 1000 W x 1 into 8 ohms; 500 W x 2 into 4 ohms or 1600 W x 1 into 4 ohms. High current, custom Classé curved heat sinks. Rear external switching for regular or balanced, and stereo or mono operation; sculpted one-piece handles. FR 20-20,000 Hz ±0.1 dB; S/N 100 dB. 19 x 8 x 20 1/4 in; 68 lb\$3,995
Classé 15. As above, 175 W x 2 into 8 ohms or 700 W x 1 into 8 ohms; 350 W x 2 into 4 ohms or 1200 W x 1 into 4 ohms. 19 x 7 1/4 x 17 1/4 in; 56 lb\$2,995
Classé 10. As above, 125 W x 2 into 8 ohms or 400 W x 1 into 8 ohms; 250 W x 2 into 4 ohms or 800 W x 1 into 4 ohms. High current with large heat sinks. Regular and balanced inputs. Dimensions: 19 x 6 1/2 x 16 in; 46 lb\$1,995
Classé 70. As above, 75 W x 2 into 8 ohms; 150 W x 2 into 4 ohms. High current design with dual heat sinks. Regular and balanced operation switchable. 19 x 4 1/4 x 11 1/4 in; 30 lb\$1,195

CODA

Model 100 100-W/ch Amplifier

2 channels. 100 W x 2 or 400 x 1, both into 8 ohms from 20-20,000 Hz. Features separate voltage and current amplifiers; Class A operation; FET input with bipolar current gain; no overall feedback; DC-coupled design; 56 50-MHz output transistors; independent rectification and supply capacitors for each channel; double-sided gold-plated circuit boards; anodized chassis; toroidal transformer. Balanced and unbalanced inputs. Slew rate 50 V/μs stereo. 10-yr warranty\$6,750

Model 20 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms from 20-20,000 Hz or 800 x 1. Features Class A/AB operation with Class A up to 25 W rms; FET input with bipolar current gain; no overall feedback; DC-coupled design; independent rectification and supply capacitors for each channel; double-sided gold-plated circuit boards; anodized chassis; toroidal transformer. Balanced and unbalanced inputs. Slew rate 50 V/μs. 10-yr warranty. 19 x 7 x 19 in\$4,750
Model 11. As above, 100 W x 2 or 400 x 1. Class A operation; no Class AB operation\$4,750
Model 10.5. As Model 20, 100 W x 2 or 400 x 1. 19 x 5 1/4 x 12 1/2 in\$2,750
Model 2.5. As Model 11, 25 W x 2 or 100 x 1. 19 x 3 1/2 x 12 1/2 in\$2,350

CONRAD-JOHNSON

Premier Eight-A 275-W Tube Mono Amplifier

1 channel. 275 W x 1. Features polypropylene capacitors for all power-supply applications; proprietary Transpectral output transformers with small signal bypass beyond 500,000 Hz. LED bias indicators. 19 x

20 x 9½ in; 85 lb\$7,495
Premier Twelve. As Premier Eight, 140 x 1, 17½ x 15¼ x 7¼ in; 54 lb\$3,295
Premier Eleven. As Premier Twelve, stereo, 70 W x 2\$3,295

MF2300 240-W/ch Amplifier

2 channels, 240 W x 2 into 8 ohms from 20-20,000 Hz with 1% THD. Features MOSFET output stage; JFET input stage; low-feedback design; polypropylene and polystyrene capacitors. Dimensions: 19 x 18½ x 6¼ in; 55 lb\$2,795
MF2200. As above, 200 W x 2, 19 x 16¾ x 5¼ in; 46 lb\$1,995
MF2100. As above, 100 W x 2, 19 x 13¾ x 4¾ in; 34 lb\$1,495

CONTINUUM GROUP

Continuum Audio Stage 200-W/ch Amplifier

2 channels, 200 W x 2 into 8 ohms or 400 W x 2 into 4 ohms from 20-20,000 Hz. Features Precision Bias Class A/AB, pure Class A at typical listening levels; FET differential input with ultra wideband bipolar transistor outputs; 1400 VA toroidal power transformer and 100,000 µF of total capacitance; massive transformer with independent dual rectification; each channel utilizes paralleled supply capacitors for very low source impedance; very high linear damping; double-sided glass epoxy circuit boards. Choice of AC coupled unbalanced input or true DC balanced input. FR 5-100,000 Hz; THD 0.1%; S/N 100 dB; slew rate 50 V/µs. Five yr limited warranty. Dimensions: 16¾ x 6 x 14 in\$1,750

COUNTERPOINT

NP Mono 150-W Hybrid Mono Block

Class A tube input stage; no negative feedback; insulated-gate bipolar output transistors; balanced inputs. Current capability 250 amperes peak to peak; FR 1-100,000 Hz; distortion .5%; input imp 100 kilohms. Dim: 6 2/3 x 19 x 19 in\$7,595
NPS-400. As Mono, 200 W x 2 into 8 ohms; current capability 200 amperes; FR 10-50,000 Hz\$3,995
NPS-200. As 400, 100 W x 2; current capability 100 amperes\$2,495

Solid 2a 400-W Power Amp

Bipolar cascode, FET, and DC servo circuitry; differential and complementary topologies; direct coupling; fully regulated low-level stages; 1/2-W metal-film resistors; polypropylene capacitors; gold/Teflon RCA jacks. Current capability 170 amperes peak to peak; FR 1-120,000 Hz; distortion .2%; input imp 100 kilohms. Dim: 6 2/3 x 19 x 19 in\$1,995
Solid 1a. As 2a, 120 W x 2 into 8 ohms; current capability 70 amperes; FR 1-150,000 Hz. Dim: 4 1/2 x 19 x 19 in\$1,295
Solid 1Ma. As 1a, 120 W x 1\$895

Balanced Outputs

Option for all Counterpoint amplifiers. Input imp 50 kilohms\$250

THX Option

For Solid 2a and Solid 1a\$100

CREEK

A42 50-W/ch Amplifier

2 channels, 50 W x 2 or 150 x 1, both into 8 ohms. FR 3-25,000 Hz -1 dB; THD 0.03% from 20-20,000 Hz; S/N 105 dB; ch sep 80 dB at 1,000 Hz\$595

CREST

Each of the following features a 5-yr parts-and-labor warranty.

Crest 10004 2,880-W Amplifier

4 channels, 720 W x 4 into 8 ohms, 1,400 x 4 into 2 ohms, or 2,250 x 2 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Features 12-gauge steel chassis; forced-air cooling; clip limiting; impedance sensing; thermal, short-circuit and DC-voltage protections;

turn-on/off protection; auto-ramp signal control; 2 power switches with circuit breakers. Balanced-XLR inputs; 5-way binding posts. Switches for stereo, parallel, and bridged-mono modes; LED indicators for each channel. FR 20-20,000 Hz +0, -0.2 dB into 8 ohms; THD 0.02% into 4 ohms at 1,000 Hz; slew rate 35 V/µs into 8 ohms at 1,000 Hz; damping factor 600 into 8 ohms at 1,000 Hz. Dimensions: 19 x 7 x 20½ in; 135 lb\$7,120
Crest 10001. As Crest 10004, 3,500 W x 2 into 2 ohms, 5,000 x 2 into 1 ohm, or 7,000 W x 1 into 4 ohms, all from 20-20,000 Hz with 0.1% THD. Screw-type outputs. FR 20-20,000 Hz +0, -0.3 dB into 8 ohms; damping factor 580 into 8 ohms at 1,000 Hz\$5,890
Crest 9001. As Crest 10001, 1,100 W x 2 into 8 ohms, 3,000 x 2 into 2 ohms, or 4,100 x 1 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Damping factor 200 into 8 ohms at 1,000 Hz. 19 x 5¼ x 19½ in; 110 lb\$4,200

Crest 3301 220-W/ch Amplifier

2 channels, 220 W x 2 into 8 ohms, 330 x 2 into 4 ohms, or 660 x 1 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Features Class AB operation; variable-speed DC-fan cooling; thermal, short-circuit, and DC-voltage protections; turn-on/off protection; auto-ramp signal control. Balanced-XLR inputs; 5-way binding posts. 4 LED indicators for each channel. FR 20-20,000 Hz +0, -0.3 dB; THD 0.025% into 4 ohms at 1,000 Hz; slew rate 35 V/µs; damping factor 400 into 8 ohms at 1,000 Hz. Dimensions: 19 x 3½ x 15 in; 43.5 lb\$1,540

DB SYSTEMS

DB-6A 40-W/ch Amplifier

2 channels, 40 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.003% THD or 60 x 2 rms into 4 ohms from 20-20,000 Hz with 0.01% THD. Features 12-dB/oct Butterworth subsonic filter; speaker-protection fuses; no relays. Gold-plated connectors. LED clipping indicators. Rack mount optional. FR 20-40,000 Hz -1 dB; slew rate 15 V/µs; damping factor 400 from 20-1,000 Hz. 5-yr transferable warranty. Dimensions: 16 x 12¾ x 5 in; 18 lb\$795
DB-6A-M. As above, 140 W x 1 continuous into 8 ohms from 20-20,000 Hz with 0.008% THD or 225 x 1 cont into 4 ohms from 20-20,000 Hz with 0.02% THD. Slew rate 30 V/µs; damping factor 200 from 20-1,000 Hz\$795

DENON

POA-S1 1,400-W Mono Amplifier

1 channel, 1,400 x 1 into 1 ohm. Features UHC-MOS high-current amplification device combining sound quality of MOSFETs and power capability of bipolar transistors; single push-pull current circuit; two toroidal transformers connected in parallel; inverted Sigma balance circuit; direct mechanical ground; aluminum sand-cast frame\$20,000

POA-5000 400-W Amplifier

6 channels, 50 W x 4 + 100 x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD. Features Class A amplifiers; bridging to 5, 4, or 3 channels; 3 independent power supplies; toroidal transformer; discrete output transistors. Direct input; jack for remote turn-on/off from Denon preamp. Gold or black\$1,500

POA-S10 150-W Mono Amplifier

1 channel, 150 W x 1 into 8 ohms or 300 x 1 into 4 ohms. Features MOSFET output transistors; aluminum sand-cast frame; single push-pull power supply with UHC-MOS output transistors. Balanced and unbalanced inputs; outputs for biwiring; remote turn-on/off jack for connection to preamp. Input-level control supplied\$1,100

POA-2800BK 200-W/ch Amplifier

2 channels, 200 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual-mono design; 6 discrete output transistors pre channel; 3 independent power supplies; Class A operation. Remote turn-on/off from Denon preamp\$850

POA-800 50-W/ch Amplifier

2 channels, 50 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.08% THD or 120 x 1 into 8 ohms. Features discrete output transistors. 3-way speaker outputs. Remote turn-on/off from Denon preamps; peak signal indicator\$350

DON J. COCHRAN

Delta Mode II 200-W Mono Amplifier

1 channel, 200 W x 1 cont avg into 4 or 8 ohms with 0.07% THD. Features vacuum-tube or solid-state voltage-amplifier section; differential signal-path topology; balanced-bridge output; separate power supplies for voltage and current amplifier sections; input isolation with voltage-follower buffers; double-sided glass-epoxy circuit board; ground-plane electrostatic signal-board shield; OFC-signal and DC power wiring; Roederstein metal-film resistors; aluminum case; fuse speaker-load protection; thermal protection. RCA, XLR, and screw-type inputs. 5-position balanced attenuator for gain setting. Rack-mount assembled-pair configuration available. S/N 100 dB; slew rate 65 V/µs. Dimensions: 8½ x 5¼ x 14½ in; 29 lb\$6,800/pr

DPA DIGITAL

DPA200S 50-W/ch Amplifier

2 channels, 50 W x 2 or 200 x 1. Features dual transformers and power supplies; proprietary thick-film hybrid circuits with pure-silver-palladium conductors; compound Class A output mode. RCA inputs; 4 binding-post outputs. Bridging switch\$1,395

DYNACO

Stereo 160 80-W/ch Tube Amplifier

2 channels, 80 W x 2 into 2, 4, or 8 ohms. Features two 6DJ8, two 12AT7, and four 6550WA tubes; selectable triode/Ultralinear operation. 5-way binding posts; gold RCA connectors. Bias trim control. FR 2-75,000 Hz ±3 dB; THD 1%; S/N 90 dB; ch sep 75 dB at 11,000 Hz; slew rate 30 V/µs. 3-yr parts-and-labor warranty with 1 yr on tubes. Black, 17 x 5½ x 14½ in; 60 lb\$2,199
 Chrome finish\$2,299
Stereo 80. As Stereo 160, 40 W x 2 into 2, 4, or 8 ohms. 35 lb\$1,699
 Chrome finish\$1,799

Stereo 400 II 205-W/ch Amplifier

2 channels, 205 W x 2 rms into 8 ohms, 200 x 2 rms into 4 ohms, or 600 x 1. Features bipolar design; toroidal transformer. Gold RCA connectors. FR 10-100,000 Hz ±1 dB; THD 0.05%; S/N 125 dB; ch sep 75 dB at 20,000 Hz; dynamic headroom 1.2 dB. 1-yr parts-and-labor warranty. 17 x 3½ x 12¼ in\$999
Stereo 200. As above, 100 W x 2 rms or 150 x 2 rms. THD 0.02%; S/N 95 dB; ch sep 75 dB at 1,000 Hz; damping factor 100. 17½ x 3¾ x 13 in\$595
Stereo 100. As Stereo 200, 50 W x 2 rms into 8 ohms or 75 x 2 rms into 4 ohms\$425

ELECTROCOMPANET

AW-250 250-W/ch Amplifier

2 channels, 250 W x 2 into 8 ohms, 380 x 2 into 4 ohms, or 1,100 x 2 into ½ ohm, all with 0.2% THD. Features fully balanced Class A dual-mono design; two toroidal transformers; protection circuitry. XLR and gold-plated RCA inputs; gold-plated outputs. Turn-on delay. 19 x 8¼ x 17¼ in; 65 lb\$3,999
AW-100. As above, 100 W x 2 into 8 ohms or 305 x 2 into 2 ohms. 19 x 5¼ x 14¼ in; 35 lb\$1,999

ENSEMBLE

Corifeo 100-W/ch Amplifier

2 channels, 110 W x 2 into 8 ohms or 140 W x 2 into 4 ohms. 17½ x 12¼ x 4¾ in\$4,580

ESSENCE

Emerald 100-W/ch Amplifier

2 channels, 100 W x 2 into 8 ohms with 0.01% THD.

Movie Theatre Performance with Flexibility

The Bryston 8B THX® Amplifier



8B THX

Bryston is pleased to announce our new 8B THX four channel audio power amplifier. With today's interest in quality home theatre the 8B THX amplifier provides state-of-the-art performance with the unquestioned quality, value and **R**eliability for which Bryston has gained an international reputation. All Lucasfilm Home THX certification parameters are easily met for its' intended use within a multi-channel audio/video installation. The 8B THX is an extremely versatile and flexible amplifier designed for all **Y**our THX theatre installations. The amplifier can be instantly connected to provide 2 channel, (400 watt output), 3 channel, (two @ 120W plus 1 @ 400W), or 4 channels at 120 watts output. This provides extreme ease in integrating the power requirements for any THX Home Theatre system. The THX stipulation for separate center channel, left and right main speakers, decorrolated dipole surround channels and one or two subwoofers, is provided in a **S**imple elegant package. Among the 8B's notable features is the use of four independent power supplies, one for each channel, to prevent any signal interaction among the individual channels. This provides a sonic soundstage with images locked in position with an almost holographic effect. Other features include both balanced XLR, 1/4" and unbalanced RCA input connectors to allow for flexibility in a wide variety of installations. All connectors throughout the amplifier are gold plated to provide freedom from corrosion, assuring perfect signal integrity for many years to come. **T**ri-colored LEDs glow green for power-on, yellow for short-term transient clipping and red to indicate continuous overload or any departure from linearity, including shortened-output or strong out-of-band information like RF or DC. **O**viously, the goal of all this technology is to transport you to the scene of the movie. Experiencing all the drama, excitement and emotions as if you were right there in the show. We feel we have accomplished this with all the **N**ew Bryston THX amplifiers. Experience the movie as intended and audition the Bryston 8B THX today.



20

Year

Warranty

-A

Generation

of

Music

BRYSTON

For more information contact:
57 Westmore Dr., Rexdale, Ontario, Canada M9V 3Y6
Tel: (416) 746-1800 Fax: (416) 746-0308

Features vibration reduction via mechanical coupling/isolation. 19 x 6½ x 15 in; 100 lb \$7,485

FORTE

Four 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 100 x 2 into 4 ohms. Features Class A operation; toroidal transformer; discrete direct-coupled circuitry; 8 individually matched IGBT output devices per channel; no global feedback. Balanced inputs \$1,790

Six 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 350 x 2 into 4 ohms. Features Class A/AB operation; toroidal transformer; discrete direct-coupled circuitry; 8 individually matched IGBT output devices per channel; no global feedback. Balanced inputs \$1,790

Fifty Five. As above, 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Without 8 IGBT output devices per channel \$1,390

FT1 485-W Amplifier

5 channels. 125 W x 3 + 55 x 2. Features toroidal transformer; discrete direct-coupled circuitry; relay protection for each channel; bipolar output transistors. Separate input-sens control for each channel; auto turn-on \$1,790

FOSGATE-AUDIONICS

The following feature discrete circuit topology.

Model 4200 500-W THX Amplifier

4 channels. 125 W x 4 into 8 ohms, 200 x 4 into 4 ohms, 400 x 2 into 8 ohms, or 600 x 2 into 4 ohms. Features THX certification; bipolar transistors throughout; servo-controlled circuit for DC protection; glass-epoxy circuit board; RF and relay protection. FR 5-110,000 Hz ±3 dB; THD 0.03%; damping factor 200. 19 x 7½ x 15 in; 62 lb \$1,999

Model 4125 300-W Amplifier

4 channels. 75 W x 4 into 8 ohms with 0.2% THD, 125 x 4 into 4 ohms with 0.2% THD, or 225 x 2 into 8 ohms with 0.3% THD, all from 20-20,000 Hz. Features fully complementary direct-coupled circuitry; toroidal transformer; input and output protection; 2-ohm stability. Frequency response 5-70,000 Hz ±3 dB; damping factor 200. 3-yr limited warranty. Dimensions: 17½ x 7 x 12 in; 38 lb \$1,099

Model 560 225-W Amplifier

5 channels. 45 W x 5 into 8 ohms or 60 x 5 into 4 ohms. Features glass-epoxy circuit board. FR 20-20,000 Hz ±1 dB; THD 0.15%; damping factor 100; dynamic headroom 15 dB. 3-yr limited warranty. 17 x 3½ x 12 in; 22 lb \$699

M60 MkII 35-W Mono Amplifier

1 channel. 35 W x 1 into 8 ohms from 20-20,000 Hz with 0.25% THD or 60 x 1 into 4 ohms. Variable input sens. FR 20-20,000 Hz ±1 dB. Dimensions: 8½ x 2¾ x 7 in; 5 lb \$219

GRYPHON

Reference One 150-W Mono Amplifier

1 channel. 150 W x 1 into 8 ohms or 5,000 x 1 max into ½ ohm (Class A/B). Features Class A operation with adjustable bias for Class A/B; two separate custom toroidal transformers; DC coupling; 40 bipolar output transistors; discrete circuitry; silver internal wiring; independent regulated power supplies with RF filter; protection circuitry; mechanical chassis grounding. Balanced-xLR inputs \$28,000/pr

DM100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms. Features Class A operation with adjustable bias for Class A/B; custom transformer for each channel; DC coupling; bipolar output transistors; discrete circuitry; silver internal wiring; no negative feedback; independent regulated power supplies with RF noise filters; protection circuitry; mechanical chassis grounding. Balanced-xLR inputs \$13,900

S100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms. Features dual-mono design; Class A/B operation; bipolar output transistors; discrete circuitry; no negative feedback; independent regulated power supplies; protection circuitry. Balanced-xLR inputs \$8,000

HAFLER

Transnova 9505 250-W/ch Amplifier

2 channels. 250 W x 2 or 750 x 1 into 8 ohms. Features JFET double-differential front end; xLR and RCA inputs. THD 0.05%; signal-to-noise ratio 100 dB; slew rate 150 V/µs; damping factor 1,000 at 1,000 Hz. Rack mountable; black or silver. Dimensions: 19 x 12½ x 5¼ in; 50 lb \$2,200

Pro 5000 325-W/ch Amplifier

2 channels. 325 W x 2 or 900 x 1 into 8 ohms. Features JFET double-differential front end; MOSFET output. xLR and RCA inputs; 5-way binding posts; polypropylene and polycarbonate transformers; glass epoxy circuit boards. S/N 95 dB; slew rate 40 V/µs; damping factor 300 at 1,000 Hz. Rack mountable; gray and black finish. Dimensions: 3½ x 19 x 10½ in; 40 lb \$1,400

Model 9300 150-W/ch THX Amplifier

2 channels. 150 W x 2 or 450 x 1 into 8 ohms. Features THX certification. THD 0.07%; S/N 100 dB; slew rate 150 V/µs; damping factor 800 at 1,000 Hz. 19 x 12½ x 3½ in; 36 lb \$1,250

Pro 2400 120-W/ch Amplifier

2 channels. 120 W x 2 or 400 x 1 into 8 ohms. Features MOSFET output. xLR and RCA inputs; 5-way binding posts. THD 0.05%; S/N 95 dB; slew rate 45 V/µs; damping factor 300 at 1,000 Hz. Rack mountable; gray and black finish. Dimensions: 5¼ x 19 x 10½ in; 27 lb \$750

Pro 1200 65-W/ch Amplifier

2 channels. 65 W x 2 or 150 x 1 into 8 ohms. Features MOSFET output. xLR and RCA inputs; polypropylene and polycarbonate transformers; glass epoxy circuit boards. THD 0.008%; S/N 95 dB; damping factor 100 at 1,000 Hz. Rack mountable; gray and black finish. 3¼ x 19 x 9½ in; 18 lb \$550

HARMAN KARDON

PA2400 170-W/ch Amplifier

2 channels. 170 W x 2 into 4 or 8 ohms from 20-20,000 Hz with 0.08% THD. All-discrete circuitry; bridged-mono capability. Auto standby \$1,199
PA2200. As above, 100 W x 2 into 4 or 8 ohms from 20-20,000 Hz with 0.09% THD \$629
PA2100. As PA2400, 65 W x 2 into 8 ohms with 0.09% THD or into 4 ohms with 0.3% THD, both from 20-20,000 Hz \$479

HARRISON LABORATORY

PM5CHAC 150-W Amplifier

5 channels. 30 W into 4 ohms for each of 5 modules. Features configurable crossovers for each module. Features ground-loop isolation, 2 gold-plated RCA line-level inputs. 2 gain controls \$150

JANIS

Interphase 1A 100-W Mono Amplifier

1 channel. 100 W x 1 rms into 8 ohms. Designed for subwoofers. Features two high- and one low-pass 18-dB/oct Butterworth filters at 100 Hz; defeatable amp circuitry for crossover use. Line-level output. Variable low-pass-filter gain; level and phase controls. THD 0.03%; S/N 90 dB \$795

JBL

SoundEffects Power 50 50-W/ch Amplifier

2 channels. 50 W x 2. Volume control. FR 10-30,000 Hz -1 dB; S/N 100 dBA \$175
SoundEffects Power 20. As above, 20 W x 2. Features active equalization \$139

JEFF ROWLAND DESIGN GROUP

Model 9T 350-W Mono Amplifier

1 channel. 350 W x 1 into 8 ohms, 700 x 1 into 4 ohms, or 900 x 1 into 2 ohms. Features separate power supply; full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. 2 RCA and 2 xLR inputs; binding posts for 2 speaker pairs. Controls for gain, input impedance, and absolute phase. BPS-9 DC power supply providing ratings of 125 W x 2 into 8 ohms, 250 x 2 into 4 ohms, or 300 x 2 into 2 ohms optional. Amp 17½ x 11½ x 22 in; 90 lb. Power supply 17½ x 11½ x 22 in; 135 lb \$28,000/pr

Model 8T 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 600 x 2 into 2 ohms. Features dual-mono power supply; full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. RCA and xLR inputs. Controls for gain, input impedance, and absolute phase; input mute and phase switches. BPS-8 DC power supply optional. 17½ x 11½ x 22 in; 125 lb \$12,300
 With BPS-8 \$16,500

Model 6 150-W Mono Amplifier

1 channel. 150 W x 1 into 8 ohms, 250 x 1 into 4 ohms, or 350 x 1 into 2 ohms. Features full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. Adjustable gain and input impedance. BPS-6 DC power supply optional. Dimensions: 17½ x 14¼ x 5¼ in; 45 lb \$8,500/pr
 With BPS-6 \$13,700/pr

Model 2 75-W/ch Amplifier

2 channels. 75 W x 2 into 8 ohms or 125 x 2 into 4 ohms. Features full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. Adjustable gain and input impedance. BPS-2 DC power supply optional. 17½ x 14¼ x 5¼ in; 47 lb \$4,500
 With BPS-2 \$7,100

Model 1 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms, 120 x 2 into 4 ohms, 220 x 2 into 2 ohms, or 220 x 1 into 8 ohms. Features differential FET circuitry. RCA and xLR inputs. Selectable input impedance. 15 x 5¼ x 15 in; 48 lb \$3,100

JRM ENGINEERING

Power Tower 540-W Amplifier

4 channels. 200 W x 2 + 70 x 2 into 8 ohms, 350 x 2 + 175 x 2 into 4 ohms, or 500 x 2 + 250 x 2 into 2 ohms. Complementary all-cascade Class AB design; polypropylene capacitors; thermal, DC/clip, and power-up/tail protections. Dual LED level meters. FR 0.6-75,000 Hz; total; harmonic distortion 0.02%; S/N 102 dB; slew rate 100 V/µs. Dimensions: 24½ x 16 x 14½ in; 65 lb \$4,140

KENWOOD

KM-X1 600-W THX Amplifier

6 channels. 100 W x 6 or 130 x 2. Features THX certification; balanced current supply circuit; cooling fan. Gold-plated inputs; banana-plug outputs. LED indicators \$899

KINERGETICS

KBA-280 140-W/ch Amplifier

2 channels. 140 W x 2 into 8 ohms or 380 x 2 into 2 ohms. Features Class A operation; dual-mono design; 22 output transistors; servo-controlled DC output. Slew rate 65 V/µs. Dimensions: 17¼ x 5½ x 15½ in; 64 lb \$2,795

KBA-380 420-W Amplifier

3 channels. 140 W x 3 into 8 ohms. Features Class AB operation; separate power supplies; 6 output transistors per channel; servo-controlled DC output. 17¼ x 5½ x 15½ in; 62 lb \$1,995

LAMM AUDIO LABORATORY

The following feature a 5-yr warranty.

DM1 125-W/ch Amplifier

2 channels. 125 W x 2 cont into 8 ohms, 250 x 2 into 4 ohms, or 450 x 2 into 2 ohms. Features Class A/AB operation; MOSFET output transistors; no overall feedback; toroidal transformer. Gold-plated XLR and RCA inputs; 2 gold-plated binding-post pairs per channel. Remote turn-on/off. FR 4-150,000 Hz; slew rate 34 V/ μ s; damping factor 40 into 8 ohms. 19 x 8 1/4 x 17 in; 75 lb\$6,990

M1.1 100-W Tube Mono Amplifier

1 channel. 100 W x 1 cont into 4 or 8 ohms. 200 x 1 cont into 2 ohms, or 300 x 1 cont into 1 ohm. Features hybrid vacuum-tube/solid-state design; 6922 tube triode; Class A operation; 12 MOSFET output transistors; no overall feedback; toroidal transformer. Gold-plated XLR and RCA inputs; 2 gold-plated binding-post pairs. Selectable bias/voltage settings for 4 or 8 ohms; remote turn-on/off. FR 4-150,000 Hz; slew rate 32 V/ μ s; damping factor 40 into 8 ohms. 17 x 8 1/4 x 20 in; 64.5 lb\$6,090

M2.1. As above. 200 W x 1 cont into 4 or 8 ohms, 400 x 1 cont into 2 ohms, or 600 x 2 cont into 1 ohm. Class A/AB operation. Slew rate 40 V/ μ s\$5,690

LEGACY AUDIO

Legacy 220-W/ch Amplifier

2 channels. 220 W x 2 into 8 ohms or 400 x 2 into 4 ohms, both with 0.005% THD. Features Class A/AB operation; toroidal transformer; 10 bipolar outputs per channel. FR 1-100,000 Hz; S/N 115 dB; damping factor 200; dynamic headroom 2 dB. 17 x 6 x 15 in; 50 lb\$1,995

LINN

Klout 80-W/ch Amplifier

2 channels. 80 W x 2 into 8 ohms or 160 x 2 into 4 ohms. Features dual-mono design with separate regulated isolated power supply for each channel; overload, overcurrent, short-circuit, thermal, over/under-voltage, and DC protection circuitry. 3 output pairs; line-level daisychain connectors. Remote turn-on; LED indicators; screened transformer\$3,695

LK100 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 90 x 2 into 4 ohms. Features overcurrent and thermal protection; screened transformer; semi-regulated power supply. Outputs for 4 speaker pairs; line-level daisychain connectors\$1,095

LUXMAN

M-06 55-W/ch Amplifier

2 channels. 55 W x 2 cont into 8 ohms from 20-20,000 Hz. Features Class A operation; dual-mono construction; 2-ohm capability; toroidal power transformers; liquid output-stage cooling; PC-occ leads in signal path. Gold-plated connectors. Bridged-mono mode. FR 5-300,000 Hz -3 dB; THD 0.008% into 8 ohms; S/N 110 dB; damping factor 100 into 8 ohms at 50 Hz\$7,000

MA-88 45-W Tube Mono Amplifier

1 channel. 45 W x 1 into 6 ohms. Features KT88 Super output tube in pentode configuration via Williamson circuit; 6CG7 for driver stage; 12BH7A tube for first stage; OY-36 output transformer with copper shielding plates. FR 5-30,000 Hz -1 dB; THD 0.1% at 1,000 Hz; S/N 90 dB\$6,000

M-383 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms from 20-20,000 Hz or 700 x 1 into 8 ohms. Features toroidal transformer; all-stage symmetrical push-pull circuit; STAR circuitry; line-phase sensor. Gold-plated inputs; outputs for 2 speaker pairs. A/B speaker selector; remote turn-on/off; independent L/R volume controls; clipping indicator. Black or champagne finish\$2,000

M-363. As M-383, 110 W x 2 rms into 8 ohms from 20-20,000 Hz. Not bridgeable. No toroidal transformer or volume controls\$1,200

MADISON FIELDING

DSA630 180-W Amplifier

6 channels. 30 W x 6 into 8 ohms or 35 x 6 into 4 ohms, both from 20-20,000 Hz with 0.08 THD. Features triple power supply. 3 motor-driven volume controls. Auto turn-on/off; bass, treble, and balance controls for each output pair; adjustable turn-on level; remote volume control for each channel pair. 17 x 3 1/2 x 14 in; 25 lb\$1,195

DSA445 180-W Amplifier

4 channels. 45 W x 4 into 8 ohms or 50 x 4 into 4 ohms, both from 20-20,000 Hz with 0.08 THD. Features dual power supply. 2 motor-driven volume controls. Auto turn-on/off; tone and balance controls for each output pair; adjustable turn-on level; remote volume control for each channel pair. 17 x 3 1/2 x 14 in; 20 lb\$995

MARANTZ

MM-500 315-W Amplifier

5 channels. 70 W x 3 rms (front, center) rms into 8 ohms + 35 x 2 (rear) or 90 x 1 from 40-20,000 Hz with 0.3% THD (center only) or 45 x 2 from 100-7,000 Hz with 0.3% THD (rear only), all rms into 8 ohms. Designed for home theater systems. RC-5 system remote-control jacks; banana-plug outputs. Peak indicators. S/N 110 dB; slew rate 20 V/ μ s. 16 1/2 x 5 1/4 x 13 1/2 in; 20 lb\$699

SM-80 120-W/ch THX Amplifier

2 channels. 120 W x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD, 175 x 2 into 4 ohms from 20-20,000 Hz with 0.04% THD, 350 x 1 rms into 8 ohms, or 800 x 1 into 2 ohms. Features THX certification; split-mono power transformer; separate DC power supplies and amplifier stages for each channel; direct-coupled audio path from input to output; Class A input and driver stages; Class AB output stage. Banana-plug, bare-wire, and pin-type outputs. Peak indicators. S/N 121 dB; slew rate 150 V/ μ s; damping factor 200 into 8 ohms. Gold finish with die-cast-alloy side panels. 17 1/2 x 6 x 14 1/2 in; 37 lb\$699

SM-500 85-W/ch Amplifier

2 channels. 85 W x 2 rms into 8 ohms with 0.09% THD or 105 x 2 rms into 4 ohms with 0.1% THD, all from 20-20,000 Hz. RC-5 system remote-control jacks; banana-plug outputs. Peak indicators. S/N 112 dB; slew rate 20 V/ μ s. 16 1/2 x 5 1/4 x 13 1/2 in; 19 lb\$449

MA-500 125-W Mono THX Amplifier

1 channel. 125 W x 1 rms into 8 ohms with 0.5% THD or 180 x 1 rms into 4 ohms with 0.9% THD, all from 20-20,000 Hz. Features THX certification; multiple-unit bridging capability. Gold-plated RCA input; 2 banana-plug outputs; RC-5 system remote-control interface. Remote turn-on/off with compatible equipment. S/N 116 dB; damping factor 200 at 8 ohms. 3-yr limited warranty. 3 1/2 x 5 1/4 x 17 1/4 in\$299

Music Link Series

The following feature over-current protection and a non-magnetic alloy chassis with copper plating. Multiple units may be bridged when used with the SC-80 or SC-22 preamplifier.

MA-24 30-W Mono Amplifier

1 channel. 30 W x 1 into 8 ohms from 20-20,000 Hz with 0.008% THD or 120 x 1 into 2 ohms. Features Class A amplification via differential-mode FETs; toroidal transformer mounted with resonance-reducing hand-tuned bolts; all-alloy case and chassis. FR 20-20,000 Hz \pm 0.2 dB; S/N 115 dB; damping factor 200 into 8 ohms at 1,000 Hz. Gold finish. 8 1/4 x 5 1/4 x 14 1/2 in; 22 lb\$1,499

MA-22 50-W Mono Amplifier

1 channel. 50 W x 1 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features Class AB output stage; all-

discrete devices; fully floating toroidal transformer. FR 1-100,000 Hz \pm 0, -1 dB; S/N 110 dB; damping factor 90 into 8 ohms at 1,000 Hz. 9 1/4 x 3 3/4 x 8 1/2 in; 13.2 lb\$999

MARK LEVINSON

No. 33 300-W Reference Mono Amplifier

1 channel. 300 W x 1 into 8 ohms; 2400 W x 1 into 1 ohm. Features 2 toroidal transformers; fully balanced power supply; 1100 Joules of stored energy; complete regeneration of AC power for all gain stages; balanced design throughout. 60 output devices per channel\$30,000/pr

No. 20.6 100-W Reference Mono Amplifier

1 channel. 100 W x 1 into 8 ohms or 200 W x 1 into 4 ohms. Features Class A design; active input buffer DC-biasing circuitry; internal spike and surge suppression; RF filtering of raw AC from outlet; separate positive and negative supply rails, each with individual toroidal power transformer; full-wave bridge rectification and filter capacitors; electronic regulation to refine power used by signal-carrying circuits; 3 high-current devices to drive output stage; clip-control circuitry internal switching to adjust for operation from 90-240 V AC. Balanced Camac or XLR input. Faceplate available in 19-in width. 17 1/2 x 8 1/4 x 18 in; 105 lb\$7,975

No. 23.5 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 400 W x 2 into 4 ohms. Features AC-power filtering with DC-offset corrector; power-surge limiter; 2 power supplies; toroidal transformers with independent secondary windings; clip-control circuitry; bipolar gain stages; active differential input circuit; Class AB output stage. Total harmonic distortion 0.3%. Dimensions: 19 x 8 1/2 x 18 in; 105 lb\$7,495

No. 27.5 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 350 W x 2 into 2 ohms. Features dual-mono design; raw AC current filtered by 2 separate circuits; power-surge limiter; 729-VA toroidal transformer for each channel; separate power supplies; audio signals processed through 2 Class A voltage-gain stages and 3 current-gain stages; cascaded differential input stage; Class AB output stage. Balanced Camac or XLR input. 19 x 8 1/2 x 18 in; 85 lb\$5,495

No. 29. As above. 50 W x 2 into 8 ohms or 175 W x 2 into 2 ohms. Dimensions: 17 1/2 x 6 1/4 x 14 1/2 in; 60 lb\$3,495

MBL

Model 9010 210-W/ch Amplifier

2 channels. 210 W x 2 into 4 ohms, 580 x 2 into 1 ohm, 470 x 1 into 8 ohms, or 1,300 x 1 into 2 ohms. Features direct push-pull operation with isolated gain stage; 5 discrete power supplies; 2 power cords. 2 unbalanced and 2 balanced inputs; 8 outputs. FR 0-340,000 Hz; S/N 120 dB. Dimensions: 10 x 21 x 34 in; 154 lb\$19,500

Model 8010c 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features dual-mono design. Balanced outputs. FR 0-175,000 Hz; S/N 116 dB. 17 1/2 x 5 1/4 x 15 in; 55 lb\$4,450

Model 8004 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms. Balanced outputs\$2,990

MCCORMACK

DNA-1 185-W/ch Amplifier

2 channels. 185 W x 2 into 8 ohms or 370 x 2 into 4 ohms. Features 16 output devices with power distributed and stored near each device. Unbalanced input; binding-post and barrier-strip outputs\$1,995

Bridged-mono version. 370 x 1 into 8 ohms. Balanced and unbalanced input\$4,595/pr

DNA-0.5. As DNA-1, 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. No barrier-strip outputs\$1,295

Micro Power Drive 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 90 x 2 into 4 ohms. Unbalanced input; binding-post output...\$795

MCINTOSH

MC2600 600-W/ch Amplifier

2 channels. 600 W x 2 or 1,200 x 1. Balanced and unbalanced gold inputs; outputs for 2, 4, or 8 ohms. 2 power meters. 19 x 10 1/2 x 18 in; 130 lb...\$6,000

MC500 500-W/ch Amplifier

2 channels. 500 W x 2 cont avg into 2, 4, or 8 ohms from 20-20,000 Hz with 0.005% THD. Outputs for 2, 4, or 8 ohms. 2 power meters. FR 20-20,000 Hz -0.25 dB; S/N 90 dBA balanced, 85 dBA unbalanced; damping factor 200; dynamic headroom 2.1 dB. 17 1/4 x 10 3/4 x 20 1/2 in; 110 lb...\$6,000

MC1000 1,000-W Mono Amplifier

1 channel. 1,000 W x 1 cont avg into 2, 4, or 8 ohms from 20-20,000 Hz with 0.005% THD. Features dual balanced design; 1% metal-film resistors; polypropylene capacitors. Gold-plated multiple-way outputs for 2, 4, or 8 ohms. Power meter. FR 20-20,000 Hz -0.25 dB; S/N 90 dBA balanced, 85 dBA unbalanced; damping factor 200; dynamic headroom 2.1 dB. 17 1/4 x 10 3/4 x 20 1/2 in; 105 lb...\$5,500

MC7300 300-W/ch Amplifier

2 channels. 300 W x 2 or 600 x 1. Balanced and unbalanced inputs; outputs for 2, 4, or 8 ohms. 2 power meters. 17 1/2 x 7 1/2 x 18 1/2 in; 79 lb...\$3,400

MC7106 960-W THX Amplifier

6 channels. 160 W x 6 into 4 ohms. Features THX certification; protection circuitry. 17 1/2 x 7 1/2 x 20 in; 53 lb...\$3,000

MC7150 150-W/ch Amplifier

2 channels. 150 W x 2. Outputs for 2, 4, or 8 ohms. 2 power meters. 17 1/2 x 5 1/2 x 17 1/2 in; 59 lb...\$2,400

MC7108 320-W Amplifier

8 channels. 40 W x 8 into 4 ohms; each channel pair bridgeable to 100 x 1 into 4 ohms. 17 1/2 x 7 1/2 x 20 in; 40 lb...\$2,000

MC7100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms, 150 x 2 into 4 ohms, or 300 x 1 into 8 ohms. 17 1/2 x 3 1/2 x 17 1/2 in; 24 lb...\$1,100

MELOS

Triode 402 400-W Tube Mono Amplifier

1 channel. 400 W x 1. Features pure triode operation from 1 to 8 ohms; fully balanced input and circuitry; proprietary zero-gain circuitry for increased FR and damping factor...\$6,995/pr

Triode 202 Gold Series 180-W/ch Tube Amplifier

2 channels. 180 W x 2. Features pure triode operation; proprietary zero-gain circuitry for increased FR and damping factor. Balanced input...\$3,895

Triode 202. As above, no balanced input...\$2,995

MERIDIAN

Model 555 65-W/ch Amplifier

2 channels. 65 W x 2 into 8 ohms. Features thermal and DC protection. Distortion 0.05%; noise 90 dB. 12% x 3 1/2 x 12% in...\$1,095

MICHAEL GREEN DESIGNS

MGD-A150S 150-W/ch Amplifier

2 channels. 150 W x 2 cont avg into 8 ohms from 8-70,000 Hz with 0.1% THD. Features resonance-tunable chassis. Slew rate 12 V/us; dynamic headroom 4.0 dB; 40 lb...\$1,595

MICROMEGA

Microamp 25-W/ch Amplifier

2 channels. 25 W x 2 into 8 ohms from 20-20,000 Hz

with 0.05% THD. Designed to match Microdrive and Variodac D/A converters. DC-offset and overcurrent indicators. Slew rate 300 V/Es. 8 1/4 x 2 1/4 x 8 in...\$995

MTX SOUND CRAFTSMEN

A900PRO 375-W/ch THX Amplifier

2 channels. 375 W x 2 into 8 ohms, 600 x 2 into 4 ohms, or 1,350 x 1 into 8 ohms, all rms from 20-20,000 Hz with 0.05% THD. Features THX certification; MOSFET design. 1/4-in-phon, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5 1/4 x 16 1/2 in...\$2,000

A400PRO 205-W/ch Amplifier

2 channels. 205 W x 2 into 8 ohms, 300 x 2 into 4 ohms, or 600 x 1 into 8 ohms, all from 20-20,000 Hz with 0.05% THD. Features MOSFET design. 1/4-in-phon, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5 1/4 x 10 7/8 in...\$1,000

H5002 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 375 x 2 into 4 ohms, both rms from 20-20,000 Hz with 0.05% THD. Features Class H operation. 1/4-in phone inputs; 5-way binding posts. 8 1/2 x 7 x 13 in...\$1,000

A400 205-W/ch Amplifier

2 channels. 205 W x 2 into 8 ohms or 300 x 2 into 4 ohms, both from 20-20,000 Hz with 0.05% THD. Features phase control regulation; MOSFET output transistors; direct coupling. True peak-clip indicators. 17 x 5 1/4 x 10 7/8 in...\$800

A200PRO 125-W/ch Amplifier

2 channels. 125 W x 2 into 8 ohms, 190 x 2 into 4 ohms, or 380 x 1 into 8 ohms, all rms from 20-20,000 Hz with 0.05% THD. Features MOSFET design. 1/4-in-phon, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5 1/4 x 10 7/8 in...\$700

S800 205-W/ch Amplifier

2 channels. 205 W x 2 rms into 8 ohms or 300 x 2 rms into 4 ohms, both from 20-20,000 Hz with 0.05% THD or 600 x 2 rms into 8 ohms. Features MOSFET design. RCA inputs; 5-way binding posts. 8 1/2 x 4 1/2 x 12 in; 18 lb...\$600

S860. As above, also providing 450 W x 2 rms into 2 ohms at 1,000 Hz with 0.05% THD or 900 x 1 rms into 4 ohms. No RCA inputs. 1/4-in phone inputs. 8 1/2 x 5 1/4 x 13 in; 20 lb...\$700

A200 125-W/ch Amplifier

2 channels. 125 W x 2 into 8 ohms or 190 x 2 into 4 ohms, both from 20-20,000 Hz with 0.05% THD. Features linear power supplies; MOSFET output transistors; direct coupling. Peak-clip indicators. 17 x 5 1/4 x 10 7/8 in...\$500

A100PRO 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. Features MOSFET design. 1/4-in phone inputs; 5-way binding posts. Gain controls. Rack mount. 19 x 1 1/4 x 10 1/2 in...\$500

A100 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. Features linear power supplies; MOSFET output transistors; direct coupling; no current limiting. 17 x 1 1/4 x 10 1/2 in...\$400

MUSE

Model Three Hundred 300-W/ch Mono Amplifier

1 channel. 300 W x 1 into 8 ohms or 500 W x 1 into 4 ohms. Features dual toroidal power supplies; high voltage power supply for output stage; dual differential front end combined with dedicated, passively regulated power supply insure low level components are not influenced by demands of output section; local feedback only; constant output impedance design. Balanced and unbalanced input connectors; machined copper binding posts; shielded, detachable power supply connectors. FR 13-250,000 Hz +0, -3

dB; THD 0.5%. 17 1/4 x 7 1/2 x 13 1/2 in; 42 lb...\$3,500/pr

Model One Hundred Seventy Five

175-W Mono Amplifier

1 channel. 175 W x 1 into 8 ohms or 550 W x 1 into 2 ohms. Features dual power supplies; abundant heat sink; dual differential high-speed front end; optimized for low to very low impedance loads; dual rectifiers; independent low ESR power supply capacitors for front end and output sections; shielded transformer; unique passive regulation scheme provides further level of power refinement for front end stage; local feedback only. Balanced and unbalanced input connectors. FR 13-250,000 Hz -0, -3 dB; THD 0.5%. 17 1/4 x 7 1/2 x 13 1/2 in; 42 lb...\$3,250/pr

Model One Hundred Fifty

125-W Mono Tube Amplifier

1 channel. 125 W x 1 into 8 ohms or 400 W x 1 into 2 ohms. Features six complementary MOSFETs in output section; delivers large amounts of current into low impedance loads; local feedback only; fully balanced, perfectly symmetrical dual differential front end. Balanced inputs. FR 13-250,000 Hz +0, -3 dB; THD 0.5%. 19 x 3 1/2 x 13 1/2 in; 30 lb...\$2,600/pr

Model One Hundred Fifty. As above, unbalanced inputs...\$2,500/pr

Model One Hundred Sixty 160-W/ch Amplifier

2 channels. 160 W x 2 into 8 ohms or 250 W x 2 into 4 ohms. Features Mixed-Mode feedback; independent power supplies; abundant heat sink; dual high current rectifiers; low ESR power supply filters; magnetically shielded toroidal transformer. Balanced and unbalanced input connectors. FR 13-200,000 Hz +0, -3 dB; THD 0.5%. 17 1/4 x 7 1/2 x 13 1/2 in; 42 lb...\$1,900

Model One Hundred 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 200 W x 2 into 4 ohms. Features 550-wa power transformer; two fully discrete amp sections; 6 complementary MOSFETs; fully discrete front end of selected high-speed bipolar transistors, in a Class A configuration, drive emitter followers which direct drive the gates of the MOSFETs; Mixed-Mode feedback; low output impedance; diode decoupled, highly filtered power supply for the front end. Balanced inputs. FR 13-200,000 Hz +0, -3 dB; THD 0.5%. 19 x 3 1/2 x 13 1/2 in; 30 lb...\$1,450

Model One Hundred. As above, unbalanced inputs...\$1,350

MUSEATEX

AS10 100-W/ch Amplifier

2 channels. 100 W x 2. Features MOSFET output; floating charge power supply; proprietary static-fan heatsink...\$1,999

AM15. As above. 150 W x 1...\$1,799

MUSICAL DESIGN

The following feature gold-plated Teflon-insulated RCA inputs and gold-plated 5-way binding posts.

D-150 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms or 240 x 2 into 4 ohms. Features LED-biased cascode Class A driver stage; dual-mono power supply; 1/8-in-thick steel chassis. THD 0.007%...\$1,495

DM-100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms, both with 0.007% THD. Dual-mono design with separate power supplies; doubled MOSFET output devices; toroidal power transformers...\$1,095

D-75 75-W/ch Amplifier

2 channels. 75 W x 2. Features LED-biased cascode driver stage; toroidal transformer; dual-mono power supply; MOSFET output devices. Bridging switch \$795

MUSIC REFERENCE

RM-9 MkII 125-W/ch Tube Amplifier

2 channels. 125 W x 2. Features solid-oak base; individually fused output tubes; vacuum potted trans-

formers. Removable tube cage; variable input sens. Other wood finishes available. 63 lb\$2,950

RM-10 38-W/ch Tube Amplifier

2 channels. 38 W x 2. Features solid-cherry wood base. Solid-brass binding posts. Mono switch. 12 $\frac{1}{4}$ x 9 $\frac{3}{4}$ x 5 $\frac{1}{4}$ in; 16 lb\$772

NAD

Power Envelope circuitry refers to circuitry for extended headroom; Soft Clipping refers to circuitry to prevent speaker-damaging distortion.

Model 208THX 250-W/ch THX Amplifier

2 channels. 250 W x 2 cont avg into 8 ohms or 500 x 1 into 8 ohms. Features THX certification; N-channel MOSFET design. Symmetrical balanced inputs. Fan and rack-mount kit optional\$1,499

Model 2700THX 150-W/ch THX Amplifier

2 channels. 150 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD or 400 x 1 into 4 or 8 ohms. Features THX certification; Power Envelope and Soft Clipping circuitries; infrasonic and ultrasonic filters. Impedance selector; overload indicators. S/N 100 dB; damping factor 120 at 50 Hz; dynamic headroom 4 dB. 17 $\frac{1}{2}$ x 5 x 15 $\frac{1}{2}$ in; 29 lb\$829

Model 906 180-W Amplifier

6 channels. Designed for multiroom and home theater systems. 30 W x 6 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD. 30 x 4 + 90 x 1, 30 x 2 + 90 x 2, or 90 x 3 into 8 ohms. Features 3 discrete power supplies; Soft Clipping circuitry; 2-ohm drive capability. 3 buffered line-level outputs. S/N 85 dB; damping factor 100 at 50 Hz; dynamic headroom 2 dB. 16 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 14 $\frac{1}{2}$ in\$699

Model 2400THX 100-W/ch THX Amplifier

2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features THX certification; Power Envelope and Soft Clipping circuitries. Lab and normal inputs. A/B speaker switching; variable input sens. S/N 98 dB; damping factor 100 at 50 Hz; dynamic headroom 5.7 dB. 17 $\frac{1}{2}$ x 5 x 15 $\frac{1}{2}$ in; 22 lb\$649

Model 214 80-W/ch Amplifier

2 channels. 80 W x 2 cont avg into 8 ohms or 120 W x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.03% THD. Features low-noise, low-distortion, complementary push-pull current-mode input cell which feeds a push-pull Class A gain stage directly, then to output "triple-emitter-followers"; low loss, toroidal mains transformer coupled to a bank of reservoir capacitors; distributed reservoir capacitance; dual mono, left and right mirror-image amplifier PCBs; multiple output transistors (2 pairs per channel); protection circuitry senses short circuits, DC, and overheating; bridgeable; separate low-noise, regulated power supply. S/N 98 dBA; slew rate 60 V/ μ s; damping factor 200 at 50 Hz; dynamic headroom 1.4 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 14 in; 24.9 lb\$449

Model 2100X 60-W/ch Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Power Envelope and Soft Clipping circuitries. Lab and normal inputs. A/B speaker switching; variable input sens. S/N 100 dB; damping factor 100 at 50 Hz; dynamic headroom 5.5 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 $\frac{1}{2}$ in; 21 lb\$429

Model 902 30-W/ch Amplifier

2 channels. 30 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD or 90 x 1 into 8 ohms. Features Soft Clipping circuitry; 2-ohm drive capability; variable input sens. S/N 85 dB; damping factor 100 at 50 Hz; dynamic headroom 2 dB. Dimensions: 16 $\frac{1}{2}$ x 3 $\frac{3}{4}$ x 10 $\frac{1}{2}$ in\$279

NAIM

NAP 135 75-W Mono Amplifier

1 channel. 75 W x 1 cont into 8 ohms. Features toroidal transformers; 4 regulated power supplies;

thermal protection; fan cooling. FR 3-40,000 Hz \pm 3 dB. 16 $\frac{1}{2}$ x 3 x 11 $\frac{1}{2}$ in\$3,000

NAP 250 70-W/ch Amplifier

2 channels. 70 W x 2 cont into 8 ohms. Features toroidal transformers; 4 regulated power supplies; thermal protection; fan cooling. FR 3-40,000 Hz \pm 3 dB\$3,000

NAP 180 60-W/ch Amplifier

2 channels. 60 W x 2 cont into 8 ohms. Features 430 VA toroidal transformer; 4 smoothing capacitors; thermal protection. FR 5-40,000 Hz \pm 3 dB. 16 $\frac{1}{2}$ x 3 x 11 $\frac{1}{2}$ in\$1,900

NAP 140 45-W/ch Amplifier

2 channels. 45 W x 2 cont into 8 ohms. Features dual power supply rectification; 2 smoothing capacitors for each channel; thermal protection. FR 5-40,000 Hz \pm 3 dB. 16 $\frac{1}{2}$ x 3 x 11 $\frac{1}{2}$ in\$1,350

NAP 90/3 30-W/ch Amplifier

2 channels. 30 W x 2 cont into 8 ohms. Features protection circuitry. FR 5-40,000 Hz \pm 3 dB\$800

NAKAMICHI

PA-7AII 225-W/ch Amplifier

2 channels. 225 W x 2 cont avg into 8 ohms with 0.05% THD. Features zero-global-feedback STATIS topology to provide stability and uniform impedance; two internal amps for high- and low-impedance sources; 700-W toroidal power transformer; bridge rectifiers; electrolytic filters. FR 20-20,000 Hz -0.2 dB; S/N 120 dB; damping factor 60; dynamic headroom 1.7 dB. 17 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in; 62.7 lb\$2,500
PA-5AII. As above. 150 W x 2\$1,750

NEI

Model 800X 220-W/ch Amplifier

2 channels. 220 W x 2 rms into 8 ohms or 340 W x 2 rms into 4 ohms at 1,000 Hz with 0.08% THD or 625 W x 1 (bridged) into 8 ohms at 1,000 Hz with 0.16% THD. Features toroid transformer; bridgeable to 800 W; thermal shutdown protection for both speakers and amp; balanced phono and XLR inputs; 5-way binding post outputs. Master power switch; independent master controls for left and right channels; clip and signal present indicator lights. FR 20-20,000 Hz \pm 0.5 dB; S/N 90 dB; slew rate 30 V/ μ s; damping factor 160. 19 x 3 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in; 15 lb\$459

NESTOROVIC LABS

NA-1 150-W Tube Mono Amplifier

1 channel. 150 W x 1 into 4 or 8 ohms from 20-20,000 Hz. Parallel push-pull output stage with loading in anode and cathode circuits; parallel push-pull input stage with auto self balance; regulated power supply. FR 20-20,000 Hz -0.5 dB; damping factor 20 from 20-20,000 Hz. Mirror-finish chrome chassis; coated epoxy finish. 17 x 7 $\frac{1}{2}$ x 10 in\$7,200/pr

NHT

MA-1A 80-W Mono Amplifier

1 channel. 80 W x 1 into 8 ohms or 120 x 1 into 4 ohms. Features bypassable crossover variable from 35-150 Hz. Line- and speaker-level inputs. Defeatable auto standby. Slew rate 12 V/ μ s; dynamic headroom 2 dB. 3 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in; 11.5 lb\$325

OCM TECHNOLOGY

The following models come with 5-yr warranty and feature double-sided printed circuit boards with all critical points of conductivity gold-plated or soldered.

Model 500 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms, 400 W x 2 into 4 ohms stereo, or 800 W x 1 into 8 ohms balanced. One stereo gold-plated RCA and one balanced XLR input; one stereo 5-way binding post and one stereo WBT gold binding post output. One stereo WBT gold binding post; or two stereo 5-way binding post, or 2

stereo WBT gold binding post outputs optional; 17-in wide chassis optional; cross-coupled connectors either balanced output/unbalanced input or balanced output/balanced input optional; handles optional. FR 0.2-100,000 Hz \pm 3 dB; THD 0.25%; slew rate 200 V/ μ s. All aluminum-constructed chassis. 19 x 5 $\frac{1}{4}$ x 17 in; 66 lb\$2,695

Model 200. As Model 500, 2 channels. 100 W x 2 into 8 ohms, 200 W x 2 into 4 ohms stereo, or 400 W x 1 into 8 ohms balanced. 45 lb\$1,795

ONIX

OA-401 50-W/ch Amplifier

2 channels. 50 W x 2. Designed to match OA-24 pre-amp. Features built-in power supply for OA-24. FR 3-64,000 Hz -3 dB; THD 0.012%; S/N 107 dB. 9 x 3 x 14 in; 9 lb\$795

OA-601. As above, 70 W x 2. Dimensions: 18 x 3 x 14 in; 16 lb\$1,495

OA801. As OA-601. 100 W x 1 into 8 ohms or 140 x 1 into 4 ohms. Features separate regulation for input and output stages. Biwire outputs\$1,750

ONKYO

Integra M-588F 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms or 750 x 2 max into 2 ohms. Features dual-mono balanced design; discrete outputs; optical output isolation; overload protection. XLR and RCA inputs; 4 parallel banana-plug outputs. 2 optically isolated power meters with auto meter-range selection. THD 0.005%; S/N 120 dB; damping factor 180. 18 x 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in; 65.2 pounds\$2,099

Integra M-504 165-W/ch Amplifier

2 channels. 165 W x 2 rms into 8 ohms or 530 x 2 max into 2 ohms. Features dual-mono design; discrete outputs; linear switching. 4-way speaker selector; peak power meters. THD 0.003%; S/N 120 dB; damping factor 140. Dimensions: 18 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in; 49.5 lb\$869

M-501 150-W/ch Amplifier

2 channels. 150 W x 2 rms into 8 ohms, 210 x 2 max into 8 ohms, or 400 x 2 into 2 ohms. Outputs for 2 speaker pairs. Features protection circuitry. THD 0.09%; S/N 100 dB; damping factor 60. 17 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 23.1 lb\$399

PARASOUND

HCA-1206 720-W THX Amplifier

THX certified with 6, 5, or 4 channels of amplification for home theater, multiple-zone stereo, or biamp applications: 120 W x 6 into 8 ohms, 180 W x 6 into 4 ohms, 20-20,000 Hz. Features matched JFET input stages with MOSFET drivers and bipolar output stages; DC servo coupling. Gold-plated input jacks and 5-way speaker terminals. THX compatible. Frequency response 20-120,000 Hz -3 dB; signal-to-noise ratio 118 dBA\$1,850

HCA-2200II 250-W/ch Amplifier

250 W x 2 into 8 ohms, 400 W x 2 into 4 ohms, 500 W x 2 into 2 ohms. 20-20,000 Hz. Mono output 800 W into 8 ohms. 1000 W into 4 ohms. Matched JFET input stages with MOSFET drivers and bipolar output stages; DC servo coupling; Class A-A/B-1 operation; selectable balanced XLR inputs; gold-plated input jacks and 5-way speaker terminals. FR 2-150,000 Hz $+0$, -1.5 dB; S/N >114 dB A-weighted\$1,750

HCA-1200II 200-W/ch THX Amplifier

THX-certified 205 W x 2 into 8 ohms, 315 W x 2 into 4 ohms 20-20,000 Hz. Mono output 630 W into 8 ohms. Matched JFET input stages with MOSFET drivers and bipolar output stages; DC servo coupling; high current power supply; gold-plated input jacks and 5-way speaker terminals. FR 8-150,000 Hz $+0$, -3 dB; S/N >110 dB A-weighted\$925

HCA-800II\$455

HCA-500\$335

PERREAUX TECHNOLOGIES

Reference Series

The following feature balanced and unbalanced inputs (except MC-6100). Class A/AB design, MOSFET output drivers, gold-plated input and output drivers, and power-on muting (except MC 6100).

Model 5600 500-W/ch Amplifier

2 channels. 500 W x 2 cont avg into 8 ohms or 830 W x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.015% THD. Features extra large high performance power supply and capacitors; redesigned PC board for improved signal conductivity. Dynamic headroom 2 dB. 19 x 11 1/4 x 22 1/2 in; 111 lb\$6,395

Model 3400 300-W/ch Amplifier

2 channels. 300 W x 2 cont avg into 8 ohms or 500 W x 2 into 4 ohms from 20-20,000 Hz with 0.015% THD. Features heavy duty power supply with 18,000 MF supply capacitors; shorter signal paths. Front and rear handles. Dynamic headroom 2 dB. 19 x 7 1/2 x 16 1/4 in; 56 lb\$3,595

Model 2400 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms or 330 W x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.01% THD. Features oversized power supply and storage capacitors. Rack handles. Dynamic headroom 2 dB. 19 x 5 1/4 x 16 1/4 in; 43 lb\$2,795

MC-6100 720-W Amplifier

6 channels. Designed for THX (certification pending) home theater and multiroom systems. 120 W x 6, 120 W x 4 + 275 W x 1, 120 W x 2 + 275 W x 2 or 275 W x 3 cont avg into 8 ohms from 20-20,000 Hz at 0.015 THD. Features 3 large independent toroidal power supplies; LED signal and clipping indicators. Dynamic headroom 2.5 dB. Black satin finish. 17 1/2 x 7 x 16 1/4 in; 45 lb\$2,695

E Series

E-220 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms or 300 W x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.003% THD. Features Class A/AB design; toroidal power transformer; MOSFET output drivers; gold-plated inputs; 5-way binding posts. Low profile design. Black satin finish. 17 x 3 3/4 x 17 1/4 in; 27 lb\$1,495
E-110. As above. 100 W x 2 cont avg into 8 ohms or 160 W x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.003% THD. 17 x 3 3/4 x 13 in; 17 lb\$1,095

PETERSON-KLAUS

Mosfet 120 60-W/ch Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.009% THD. Features 22 transistors; 4 power MOSFETS. FR 10-40,000 Hz -0.5 dB; S/N 100 dB; damping factor 100; slew rate 30 V/μs. 13 1/2 x 6 1/4 x 13 1/2 in\$399
 Kit\$299

PIONEER

Elite Series

M-91 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.003% THD. Outputs for 2 speaker pairs; headphone jack. FR 20-20,000 Hz -0.1 dB; S/N 125 dB. 18 x 6 1/2 x 17 in\$1,400

M-72 200-W Amplifier

4 channels. 50 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.02% THD or 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.009% THD. Outputs for 3 speaker pairs; headphone jack. FR 5-150,000 Hz -3 dB; S/N 120 dB. 18 1/4 x 6 1/2 x 16 1/4 in\$1,000

PROCEED

AMP 3 150-W/ch THX Amplifier

3 channels. 150 W x 1 into 8 ohms; 250 W x 1 into 4 ohms. Features dedicated power supply for each channel; toroidal transformer; THX certified. 2 sets of 5-way binding posts; balanced and unbalanced in-

puts. Remote turn-on capability\$2,995
AMP 2. As AMP 3, but 2 channels\$1,995

PROTON

AA-1660 360-W Amplifier

6 channels. 60 W x 6 into 8 ohms with 0.05% THD. Features protection circuitry; bridgeable output. FR 20-20,000 Hz ±0.5 dB; S/N 113 dB; damping factor 100. 16 1/2 x 4 1/4 x 15 1/2 in\$700

AA-2120 120-W/ch Amplifier

2 channels. 120 W x 2 into 8 ohms or 180 x 2 into 4 ohms. Features dual-mono design. Gold-plated outputs and RCA inputs. 2 peak meters. FR 20-20,000 Hz ±0.3 dB; THD 0.01%; S/N 100 dB; slew rate 50 V/μs; damping factor 100; dynamic headroom 2.5 dB. 16 1/2 x 4 1/4 x 15 1/2 in\$700
AA-2080. As above, 80 W x 2 into 8 ohms or 180 x 2 into 4 ohms\$600

PS AUDIO

PS 200 Delta 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 375 x 2 into 4 ohms. Features toroidal transformer; Class AB operation; EM/RFI filtering; fuse protection; direct coupling; glass-epoxy circuit board. THD 0.1%; slew rate 150 V/μs. 17 x 6 x 17 in\$1,995
 With balanced inputs\$2,195

PS 100 Delta 120-W/ch Amplifier

2 channels. 120 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features dual-mono design; direct-coupled input and output. THD 0.1%; slew rate 150 V/μs. 17 x 6 x 17 in; 52 lb\$1,295

PS 250 Delta 250-W Mono Amplifier

1 channel. 250 W x 1 into 8 ohms or 400 x 1 into 4 ohms. Features EM/RFI filtering; direct coupling; fuse protection; glass-epoxy circuit board. THD 0.1%; slew rate 150 V/μs. 17 x 6 x 17 in\$1,248

PSE

Studio IV 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 190 x 2 into 4 ohms. Features discrete Class A FET/bipolar design; bipolar outputs; toroidal transformer; separate regulated power supplies for each stage; thermal, DC-off-set, and short-circuit protections. Rack-mount optional. 18 x 3 1/2 x 10 1/2 in; 22 lb\$995
Studio V. As above, 120 W x 1 into 8 ohms or 200 x 2 into 4 ohms. Aluminum chassis; balanced and unbalanced inputs. 20 lb\$1,995/pr

PYRAMID

PA310 100-W/ch Amplifier

2 channels. Designed for rack mounting. 100 W x 2 rms into 8 ohms or 200 W x 2 rms into 4 ohms with 0.05% THD. Dual RCA and dual 1/4-in phono inputs; 4 speaker connections via banana plugs. Dual illuminated VU meters; volume controls for each channel; 110/220 V switchable. 19 x 5 1/4 x 13 in\$400

QSC

EX Series

The following feature full open/short circuit, ultrasonic, RF, and thermal limiting/muting amp protection; on/off muting, clip limiting, sub-audio, DC fault, and high frequency oscillation independent speaker protection; front AC switch, gain controls in 2-dB steps; rear mono-bridge switch; LED status indicators; balanced and unbalanced, XLR and barrier-strip inputs; optional 1/4-in RTS; 5-way binding posts; continuously variable-speed fan.

EX 4000 720-W/ch Amplifier

2 channels. 720 W x 2 into 8 ohms or 1400 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 19 x 5 1/4 x 18-in; 64 lb\$2,495

EX 2500 500-W/ch Amplifier

2 channels. 500 W x 2 into 8 ohms or 1000 W x 2 into

2 ohms. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 19 x 5 1/4 x 18 in; 55 lb\$2,095

EX 1600 400-W/ch Amplifier

2 channels. 400 W x 2 into 8 ohms or 800 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 19 x 3 1/2 x 18 in; 44 lb\$1,595

EX 1250 275-W/ch Amplifier

2 channels. 275 W x 2 into 8 ohms or 600 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 19 x 3 1/2 x 18 in; 42 lb\$1,295

EX 800 175-W/ch Amplifier

2 channels. 175 W x 2 into 8 ohms or 400 W x 2 into 2 ohms. FR 20-20,000 Hz 0.1% dB; THD 0.1%. 19 x 3 1/2 x 18 in; 40 lb\$1,045

MX Series

The following feature thermal, open/short circuit, AC overload, ultrasonic, and RF amp protection; on/off muting, DC fault, sub audio, and high frequency oscillation independent speaker protection; front AC switch, gain controls; rear mono-bridge switch (except MX700); LED status indicators; balanced and unbalanced, 1/4-in RTS, and barrier-strip inputs and optional XLR (except MX700); 5-way binding posts; automatic 2-speed fan.

MX 2000a 450-W/ch Amplifier

2 channels. 450 W x 2 into 8 ohms or 1000 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.15 dB; THD 0.1%. 19 x 5 1/4 x 18 in; 54 lb\$1,745

MX 1500a 350-W/ch Amplifier

2 channels. 350 W x 2 into 8 ohms or 750 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.15 dB; THD 0.1%. 19 x 3 1/2 x 18 in; 42 lb\$1,295

MX 1000a 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 500 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.15 dB; THD 0.1%. 19 x 3 1/2 x 18 in; 42 lb\$1,075

MX 700 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms or 350 W x 2 into 2 ohms. FR 20-20,000 Hz ±0.25 dB; THD 0.1%. 19 x 3 1/2 x 12 in; 25 lb\$710

Series One

The following feature thermal, open/short circuit, AC overload, ultrasonic, and RF amp protection; on/off muting, DC fault, sub audio, and high frequency oscillation independent speaker protection; front AC switch and AC circuit breaker; rear mono-bridge switch; dB gain controls; LED status indicators; balanced and unbalanced, 1/4-in RTS, and barrier-strip inputs; 5-way binding posts.

Model 1700 325-W/ch Amplifier

2 channels. 325 W x 2 into 8 ohms or 1000 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Automatic 2-speed fan. 19 x 7 x 10 1/2 in; 54 lb\$1,328

Model 1400 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 550 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Automatic 2-speed fan. 19 x 5 1/4 x 9 1/2 in; 34 lb\$838

Model 1200 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 250 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Optional passive fan. 19 x 5 1/4 x 9 1/2 in; 24 lb\$638

Model 1100 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 90 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Two front headphone jacks. Passive fan. 19 x 1 1/4 x 8 1/2 in; 12 lb\$608

USA Series

The following feature thermal, open/short circuit, AC overload, ultrasonic, and RF amp protection; on/off muting, DC fault, sub audio, and high frequency oscillation independent speaker protection; front AC switch and AC circuit breaker; rear mono-bridge

switch, dB gain controls; LED status indicators; balanced and unbalanced, 1/4-in RTS, and barrier strip inputs; 5-way binding posts.

USA 1300 365-W/ch Amplifier

2 channels. 365 W x 2 into 8 ohms or 1000 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Automatic 2-speed fan. 19 x 7 x 10 1/2 in; 54 lb\$995

USA 850 240-W/ch Amplifier

2 channels. 240 W x 2 into 8 ohms or 550 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Automatic 2-speed fan. 19 x 5 1/4 x 9 1/2 in; 34 lb\$695

USA 370 110-W/ch Amplifier

2 channels. 110 W x 2 into 8 ohms or 250 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Optional passive fan. 19 x 5 1/4 x 9 1/2 in; 24 lb\$595

QUAD

Model 606II 160-W/ch Amplifier

2 channels. 160 W x 2 into 8 ohms or 220 x 2 into 4 ohms. Features patented Class A current-dumping circuit with feed-forward error correction; toroidal transformer; 2 independent power supplies. FR 10-40,000 Hz -1 dB; THD 0.01%; S/N 105 dB; dynamic headroom 4 dB. 12 x 5 x 9 in; 27 lb\$1,395
Model 306. As above, 60 W x 2 into 8 ohms or 80 x 2 into 4 ohms. 12 x 3 x 8 in; 11 lb\$695

QUICKSILVER

Model 135 135-W Tube Mono Amplifier

1 channel. 135 W x 1 into 4/8 ohms from 20-20,000 Hz. Features hand-wiring; 12AU7, 12FQ7, and six EL34 tubes. Meter; bias controls. Dimensions: 13 x 17 x 8 in; 70 lb\$3,250

Model 80 80-W Tube Mono Amplifier

1 channel. 80 x 1 into 4/8 ohms from 20-20,000 Hz. Features hand-wiring; 5AR4, 12BH7, two 12FQ7, and four matched EL34 tubes. 14 x 9 1/4 x 5 1/2 in; 34 lb\$1,498

Silver 90-W Tube Mono Tube Amplifier

1 channel. 90 W x 1 cont avg into 4/8 ohms from 20-20,000 Hz. Features hand-wiring; 12AX7, 12BH7, 5V4, and matched-pair KT88 tubes. 9 1/4 x 6 x 15 1/4 in; 37 lb\$1,225

Series II KT88 60-W Tube Mono Amplifier

1 channel. 60 W x 1 cont avg into 4/8 ohms from 20-20,000 Hz. Features hand-wiring; 5AR4, two 12FQ7, and matched-pair KT88 tubes. Dimensions: 14 x 9 1/4 x 6 in; 30 lb\$898

Great Little Amp (GLA) 40-W Tube Amplifier

2 channels. 40 W x 2 into 4/8 ohms. Features hand-wiring; 6DJ8, 12AX7, and four matched EL34 tubes. 15 1/4 x 10 1/2 x 5 1/2 in; 48 lb\$1,195

RANE

SSA6 600-W Amplifier

6 channels. 100 W x 6 rms into 8 ohms or 150 x 6 rms into 4 ohms; each channel pair bridgeable to 300 W x 1 into 8 ohms. Features voltage-controlled attenuator for each channel to prevent clipping; separate circuit board for each channel; all-steel construction; variable-speed cooling fan. RCA inputs. Bridging switches; on/off muting; input-sens controls; clip-limit, safe-operating-area, and ready indicators. FR 10-55,000 Hz -3 dB; S/N 101 dB. 17 1/2 x 5 1/4 x 11 in\$1,599

RBH SOUND

TA-350 525-W Amplifier

5 channels. 150 W x 2 and 75 W x 3\$795

RCA

PA4500M 175-W Amplifier

5 channels. Designed for use with RCA home theater systems. 50 W x 3 (main, center) + 12.5 W x 2 (surround) all rms into 8 ohms. Connects to any stereo,

matrix, SRS, Dolby surround, or Dolby Pro Logic TV (requires variable audio output jacks on TV); volume controlled through TV remote; turns On/Standby automatically when it senses audio signal from TV; two pairs of audio cable included. FR 20-20,000 Hz ±1 dB; THD 0.5%; S/N 90 dBA nominal. Dimensions: 8 1/4 x 4 1/2 x 13 in\$249

ROTEL

RHB-10 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features dual-mono design; two toroidal transformers. FR 10-130,000 Hz -1 dB; S/N 130 dB; damping factor 550. 18 1/2 x 7 1/4 x 14 1/4 in\$2,700

RHB-05 100-W/ch Amplifier

2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. FR 10-130,000 Hz -1 dB; S/N 130 dB; damping factor 550. Dimensions: 18 1/2 x 3 x 14 1/4 in\$1,500

RB-990BX 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformers with separate rectifiers and filter capacitors. FR 4-100,000 Hz +0.5, -3 dB; S/N 120 dB; damping factor 1,000. 17 1/2 x 4 1/4 x 14 1/4 in\$1,000

RB980BX 120-W/ch Amplifier

2 channels. 120 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. FR 4-100,000 Hz +0.5, -3 dB; S/N 120 dB; damping factor 1,000. 17 1/2 x 4 1/4 x 12 1/4 in\$600

RB956AX 180-W Amplifier

6 channels. 30 W x 6, 30 x 4 + 90 x 1, 30 x 2 + 90 x 2, or 90 x 3 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. FR 10-80,000 Hz ±1 dB; S/N 105 dB; damping factor 180. 7 1/2 x 3 1/2 x 15 1/2 in\$500

RB970BX 60-W/ch Amplifier

2 channels. 60 W x 2 or 180 x 1 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. FR 15-100,000 Hz -1 dB; S/N 116 dB; damping factor 280. 17 1/2 x 3 1/2 x 13 1/4 in\$380

RB930AX 30-W/ch Amplifier

2 channels. 30 W x 2 or 90 x 1 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. FR 15-100,000 Hz -1 dB; S/N 116 dB; damping factor 180. 17 1/2 x 3 1/2 x 13 1/4 in\$250

SONANCE

Sonamp 2120 120-W/ch Amplifier

2 channels. 120 W cont avg x 2 into 8 ohms. Features Class AB output stage. Level controls. THD 0.05%; slew rate 20 V/μs; dynamic headroom 1.33 dB\$575

Sonamp 260 60-W/ch Amplifier

2 channels. 60 W cont avg x 2 into 8 ohms. Features Class AB output stage. Level controls. Total harmonic distortion 0.05%; slew rate 20 V/μs; dynamic headroom 1.2 dB\$349
Sonamp 260 x 3. As above, 3 sets of switched, five-way speaker terminals\$399

SONETIC LABORATORIES

The following feature thermal, open/short circuit, AC overload, ultrasonic, and RF amp protection; on/off muting, DC fault, sub audio, and high frequency oscillation independent speaker protection; front AC switch and AC circuit breaker; rear mono-bridge switch, dB gain controls; LED status indicators; balanced and unbalanced, 1/4-in RTS, and barrier strip inputs; 5-way binding posts; automatic 2-speed fan (except SA185).

SA650 365-W/ch Amplifier

2 channels. 365 W x 2 into 8 ohms or 1000 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. 19 x 7 x 10 1/4 in; 54 lb\$1,100

SA425 240-W/ch Amplifier

2 channels. 240 W x 2 into 8 ohms or 550 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. 19 x 5 1/4 x 9 1/2 in; 34 lb\$720

SA185 110-W/ch Amplifier

2 channels. 110 W x 2 into 8 ohms or 250 W x 2 into 2 ohms. FR 20-20,000 Hz +0, -1 dB; THD 0.1%. Optional passive fan. 19 x 5 1/4 x 9 1/2 in; 24 lb\$600

SONOGRAPHIE

SA250 125-W/ch Amplifier

2 channels. 125 W x 2 into 8 ohms. Features bipolar output stage. 17 x 5 1/4 x 13 in\$995

SONY

ES Series

TA-N#0ES 200 W/ch Amplifier

2 channels. 200 W x 2 cont into 8 ohms with 0.004% THD, ±70 x 2 cont into 4 ohms with 0.006% THD, or 580 x 1 into 8 ohms with 0.007% THD, all from 20-20,000 Hz. Features discrete output transistors in triple push-pull configuration; anodized heat sinks; 520-wa power transformer; resin-cast power-supply capacitors; 2 protection circuits. Fixed and variable inputs; XLR inputs. A/B speaker switching; variable L/R input sens. Simulated-wood side panels. 6 x 18 1/2 x 14 1/4; 17.6 lb\$1,250

TA-N55ES 150-W/ch Amplifier

2 channels. 110 W x 2 cont into 8 ohms with 0.004% THD, 150 x 2 cont into 4 ohms with 0.006% THD, or 300 x 1 into 8 ohms with 0.007% THD, all from 20-20,000 Hz. Discrete output transistors in push-pull configuration; resin cast output capacitors; 2 protection circuits. Fixed and variable inputs. A/B speaker switching. 5 1/2 x 18 1/2 x 14 1/2 in; 23 lb\$520

TA-N220 100-W/ch Amplifier

4 channels. 45 W x 4, 100 W x 2, or 45 W x 2 + 100 W x 1 into 8 ohms from 20-20,000 Hz with 0.008% THD. Variable line level gain control; front-panel status indicators. 5 1/2 x 18 1/2 x 12 1/2 in; 23 lb\$360

SOUNDOLIER

ThundraPro CXA 100-W Mono Amplifier

1 channel. 100 W x 1 rms into 8 ohms or 145 x 1 rms into 4 ohms. Designed for subwoofers. Features defeatable built-in active crossover with adjustable high- and low-pass filters; 12-dB/oct low-pass filter variable from 80-200 Hz; 6-dB/oct high-pass filter selectable at 100, 150, or 200 Hz; defeatable infrasonic filter selectable at 20 or 40 Hz. Line-level input; binding posts; AC outlet. Level control; polarity-reverse switch; LED indicator. FR 10-20,000 Hz -0.7 dB; THD 0.1%. 17 x 3 1/2 x 14 in\$499

SOUNDSTREAM

DA2 200-W/ch THX Amplifier

2 channels. 200 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.1% THD or 1,000 x 1 into 4 ohms. Features THX certification; proprietary Stewart Switch-Mode power supply with RF filtering; 1/2-ohm stability; harmonic-phase correction circuit. Balanced and unbalanced inputs; 5-way binding posts. FR 20-20,000 Hz -0.25 dB; S/N 110 dBA; slew rate 30 V/μs; damping factor 500. 17 1/2 x 1 1/4 x 15 in\$1,195

RA100 MkII 50-W/ch Amplifier

2 channels. Designed for one zone in multiroom system with SN1 controller. 50 W x 2 into 4 ohms from 20-20,000 Hz with 0.1% THD. Features 1-ohm stability. Outputs for 4 speaker pairs; variable line-level outputs input for local audio source; signal-processor loop. Remote volume and balance controls. Wall or shelf mount. FR 20-20,000 Hz -0.5 dB. 9 x 1 1/4 x 14 in; 5 lb\$650

SOUND VALVES

M60 60-W Mono Tube Amplifier

1 channel. 60 W x 1 into 2, 4, or 8 ohms. Features



HCA-2200 *Stereophile calls our HCA-2200, "...a benchmark product against which other amplifiers can be measured." And why not? John Curl incorporated everything the most musically obsessed person could ever want.*

Chances are, a perfect evening consists of unplugging the phone, centering yourself in front of your audio system and getting lost in your favorite recordings. And we bet when you're not listening to music, you're working so you can buy more music. Admit it, you're obsessed.

But take heart, you're not alone. There are lots of people

WE'RE NOT S THEY ALL COME WI



P/LD-1100 and T/DQ-1600 *The P/LD-1100 is a remote controlled line drive preamp designed by John Curl. The T/DQ-1600 is a remote controlled broadcast reference tuner. Did we mention they can be controlled with the same handset?*



HCA-1000 and HCA-600 *The HCA-1000 is our latest THX-certified amplifier. The HCA-600 incorporates advanced direct coupled circuitry like our more powerful amps. Both are bridgeable for high-powered monoblock performance.*

like you. We know because here at Parasound, music happens to be our passion.

This approach to music has attracted its share of fanatics. People like our principal audio designer, John Curl. (Talk about passion — he was so possessed with making music come alive that he practically invented high-end audio in the '70s.)

It's also attracted high-end audio reviewers — who not only praise our products, but often purchase them for their own listening pleasure.

This dedication to music also goes a long way toward explaining all the products we've been developing, including five high end/home theater amplifiers, our third D/A converter, CD player/transport, a remote-controlled tuner and line-drive preamp. Each design is guided by a philosophy which dictates that you get the best possible products



D/AC-1500 and C/DP-1000 *The D/AC-1500 is our premier digital to analog converter. The C/DP-1000 is our high resolution CD player. With the simple addition of our Advanced Digital Adaptor Module (an ST optical link), it's transformed into a high performance CD transport.*

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anywhere for a price nearly everyone can afford.

Of course, since you have to turn them on at least once, they all come with a power switch. But don't worry, you can always ignore it.

And we'll take that as a compliment, thank you.

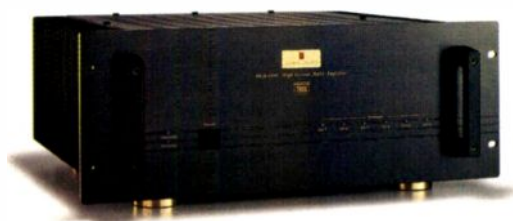


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HCA-1206 *With a total of 720 watts on six channels, our HCA-1206 is the most powerful THX-certified home cinema amp made. Sensitive enough to move your soul, but powerful enough to move your foundation.*



HCA-606 *Our HCA-606 is the slightly smaller kid brother of the HCA-1206. Both make wonderful multi-zone stereo amps for custom installations. And both can be bridged to four or five channels.*

Class AB1 design to 50 W triode; regulated power supply; 12AT7, 12AU7, and two 6550A tubes. Gold RCA connectors and binding posts. FR 10-70,000 Hz -1 dB; THD 0.1%; S/N 95 dB. Polished stainless steel chassis. 29 lb\$1,299

VTA-70 35-W/ch Tube Amplifier

2 channels. 35 W x 2 into 8 ohms from 30-20,000 Hz with 0.5% THD. Features four 6CA7 and two 6GH8A tubes; eight gold 30A 5-way binding posts. S/N 85 dB. Chrome chassis, black cage. 13 x 9 x 7 in\$899 Kit. Black finish\$699

M40 40-W Mono Tube Amplifier

1 channel. 40 W x 1 into 4, 8, or 16 ohms. Features 6GH8A, and EL34/6CA7 matched-pair tubes. FR 20-20,000 Hz; THD 1%; S/N 85 dB; damping factor 15. 14 1/4 x 5 x 6 in; 20 lb\$549 Kit\$399

SUTHERLAND ENGINEERING

A-1000 200-W Mono Amplifier

1 channel. 200 W x 1 at 0.1% THD. Features All MOS-FET signal path; twenty-four 10,000 µF capacitors per mono block; smooth power turn on and off design leaves power supply capacitors fully charged at all times. All aluminum machined case is burnished and clear-lacquered. 9 1/2 x 5 1/2 x 26 in; 90 lb\$18,000/pr

SYMPHONIC LINE

Kraft 500 Reference 500-W Mono Amplifier

1 channel. 500 W x 1 rms into 4 ohms. RCA and XLR connectors. Features Class A operation; over 150 amp current capability; 1,200-va power supply fully suspended; internal protection circuits; completely handmade. FR 1-1,000,000 Hz. 20 x 14 x 30 in; 260 pounds\$24,995/pr

RG 4 150-W Mono Amplifier

1 channel. 150 W x 1 rms into 8 ohms or 500 W x 1 rms into 2 ohms. Features Class A/AB operation; internal protection circuits; power supply 750-va 100,000 µF; stable under extreme loads; solid steel construction. 1.5-500,000 Hz; slew rate 0.7 V/µs; damping factor 1\$8,495

RG 7 130-W/ch Amplifier

2 channel. 130 W x 2 rms into 8 ohms or 400 W x 2 rms into 2 ohms. Features Class A/AB operation; dual mono design; internal protection circuits; steel construction; stable under 1 ohm loads. RCA and XLR connectors. FR 2-500,000 Hz\$4,695

RG 1. As above, 100 W x 2 rms into 8 ohms or 360 W x 2 rms into 2 ohms. FR 2-400,000 Hz\$3,350

RG 11 150-W/ch Amplifier

2 channel. 150 W x 2 rms into 4 ohms. Features Class A/AB operation; 300 va transformer; stable under 1 ohm loads; available in bridged mode. FR 1-450,000 Hz; slew rate 1.0 V/µs; damping factor 600\$2,195

M10 300-W Mono Amplifier

1 channel. 300 W x 1 rms into 8 ohms. Features Class A/AB operation; 1-ohm stability. FR 2-400,000 Hz; slew rate 80 V/µs; damping factor 600. 19 x 7 x 14 1/2 in; 38 lb\$1,850/pr

G10. As above, 2 channels. 150 W x 2 rms into 8 ohms or 425 W x 2 rms into 2 ohms. 36 lb\$995

THRESHOLD

T400 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms, 300 x 2 into 4 ohms, or 450 x 1 into 8 ohms. Features Class A operation; dual-mono design; separate toroidal power transformers and bridge rectifiers for each channel; separate power supplies for voltage and current gain stages; discrete direct-coupled circuitry; 1-ohm capability; 18 individually matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$5,250

T200 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms, 200 W x 2 into 4

ohms. Pure Class A operation. Toroidal power transformer and separate power supplies for voltage and current gain stages; bridgeable to 330 W mono into 8 ohms; discrete direct coupled circuitry; high current capability. Can drive loads of less than 1 ohm. 16 individually matched IGBT output devices per channel; no global feedback; balanced inputs. Distortion less than 0.1%; full power bandwidth DC 100,000 Hz. 10-yr parts and labor warranty\$4,200

T100 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms, 120 W x 2 into 4 ohms. Pure Class A operation. Toroidal power transformer and 128,000 mF of filter capacitance; bridgeable to 180 W mono into 8 ohms; discrete direct coupled circuitry; high current capability. 12 individually matched IGBT output devices per channel; no global feedback; balanced inputs. Distortion less than 0.1%; full power bandwidth DC 100,000 Hz. 10-yr parts and labor warranty\$2,850

T50 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms, 100 W x 2 into 4 ohms. Pure Class A operation. Toroidal power transformer and 128,000 mF of filter capacitance; discrete direct coupled circuitry; high current capability. 8 individually matched IGBT output devices per channel; no global feedback; balanced inputs. Distortion less than 0.1%; full power bandwidth DC 100,000 Hz. 10-yr parts and labor warranty\$2,190

VAC

R70/70 MkII 65-W Tube Dual-Mono Amplifier

2 channels. 65 W x 2 into 2, 4, 8 ohms. Features Class A triode tube circuit; 300B filamentary output triodes; 14 power supplies; single chassis dual-mono design; independent power cords for each channel; zero or variable feedback; variable grounding; non-magnetic chassis; Class A direct coupled input circuit; hard wired; 21 section sideband bifilar output transformers. FR 6-90,000 Hz +0, -5 dB. Dimensions: 8 1/4 x 18 x 18 in; 125 lb\$9,800

R140 MkII 130-W Tube Mono Amplifier

1 channel. 130 W x 1 into 2, 4, 8 ohms. Features all Class A triode tube circuit; 300B filamentary output triodes; zero or variable feedback; variable grounding; non-magnetic chassis; Class A direct coupled input circuit; hard wired; 21 section wideband bifilar output transformer with gold-plated end bells. 8 1/4 x 18 x 18 in; 125 lb\$9,750

R30/30 32-W Tube Amplifier

2 channels. 32 W x 2 into 2, 4, 8 ohms. Features all Class A triode tube circuit; 300B filamentary output triodes; zero or variable feedback; variable grounding; non-magnetic chassis; Class A direct coupled input circuit; hard wired; 21 section wideband bifilar output transformers with gold-plated end bells. FR 6-90,000 Hz +0, -0.5 dB. Dimensions: 7 1/2 x 18 x 15 1/2 in; 100 lb\$4,990

PA90C 120-W Tube Mono Amplifier

1 channel. 120 W x 1 into 2, 4, 8 ohms. All tube circuit; separate power supply; triode or ultralinear operation of EL34 output stage; hard wired; standby mode; non-magnetic chassis; 21 section wideband bifilar output transformer. Dedicated balanced input and PM1 analog bias meter optional. FR 6-90,000 Hz -0.5 dB. 6 x 7 1/4 x 16 1/2 in; 70 lb\$6,990/pr

PA80/80 80-W/ch Tube Amplifier

2 channels. 80 W x 2 into 2, 4, or 8 ohms. Features all tube circuit with four new design Golden Dragon KT88 output tubes; direct-coupled Class A input; non-magnetic chassis; fully potted 21 section wideband bifilar output transformers. Front panel bias monitors and adjustments. FR 6-90,000 Hz -0.5 dB. 8 x 18 x 14 in; 60 lb\$2,490

PA160 160-W Tube Mono Amplifier

1 channel. 160 W x 1 into 2, 4, or 8 ohms. Features all tube circuit; can use KT88, KT77, KT66, 6550, EL34, or 6L6GC output tubes; variable feedback; non-magnetic chassis; hard wired; fully potted 21

section wideband bifilar output transformer; 5 power supplies. XLR and RCA inputs. Front panel bias monitors and adjustments; output switchable between triode, ultralinear, and pentode modes. FR 6-90,000 Hz +0, -0.5 dB. 9 x 11 1/2 x 18 in; 70 lb\$4,690/pr

VACUUM TUBE LOGIC

The following feature a 5-yr warranty.

VTL MB-600 600-W Tube Mono Amplifier

1 channel. 600 W x 1, triode-switchable to 300 x 1. Features separate power supply chassis. S/N 94 dB\$11,900/pr

VTL MB-300 300-W Tube Mono Amplifier

1 channel. 300 W x 1, triode-switchable to 150 x 1. Features separate power supply chassis. S/N 94 dB\$5,990/pr

VTL MB-225 225-W Tube Mono Amplifier

1 channel. 225 x 1, choice of 6550 driven pure triode or EL34 driven Ultra Linear. S/N 92 dB\$4,990/pr

VTL MB-150 150-W Tube Mono Amplifier

1 channel. 100 x 1, triode-switchable to 60 W. S/N 92 dB\$3,990/pr

VTL MB-100 100-W Tube Mono Amplifier

1 channel. 100 x 1, triode-switchable to 45 W. S/N 92 dB\$2,990/pr

VTL ST-125 125-W/ch Tube Amplifier

2 channels. 125 x 2, triode-switchable to 50 W. S/N 90 dB\$2,690

VTL ST-80 80-W/ch Tube Amplifier

2 channels. 80 x 2. S/N 90 dB\$1,590

WRIGHT

Model 120M 120-W Tube Mono Amplifier

1 channel. 120 x 1 into 4/8 ohms from 20-30,000 Hz with 1% THD. Features hand-wound single-secondary output transformer; triode switchable with variable feedback control; accepts 5 output type tubes; choke-filtered power supply. Solid dark oak base. 18 x 8 x 13 in; 45 lb\$1,250

YAMAHA

MX-1 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms with 0.008% THD or 350 x 2 rms into 2 ohms from 20-20,000 Hz with 0.09% THD. Features gold-plated PC-board wiring; twin transformers; antivibration antiresonance chassis; Class A amplification; linear damping circuit. Link for CX-1 or CX-2 preamplifier; 3-way binding posts; gold-plated solid-brass inputs. A/B speaker switching. S/N 125 dB; damping factor 350. 17 1/2 x 4 1/2 x 19 1/2 in; 52.8 lb\$1,199

MX-2. As above, 150 W x 2 rms into 8 ohms with 0.008% THD or 230 x 2 rms into 2 ohms from 20-20,000 Hz with 0.09% THD. S/N 123 dB. 17 1/2 x 4 1/2 x 19 1/2 in; 42 lb\$899

MX-630 135-W/ch Amplifier

2 channels. 135 W x 2 into 8 ohms or 500 x 1 into 1 ohm. Banana-plug outputs. A/B speaker switching; independent L/R level controls; clipping indicators. THD 0.003%. 28.7 lb\$499



Yamaha MX-630

ACCUHASE

C-290 Preamplifier

Balanced and unbalanced inputs and outputs; MM/MC phono input; 2 tape loops. Attenuator switch; switchable subsonic filter; output-phase and mono/stereo switches; tape-dubbing capability; balance control. FR 20-20,000 Hz ± 0.3 dB MM, 20-20,000 Hz -0.2 dB line; S/N 86 dB MM, 85 dB MC, 95 dB line. 19 x 6 x 16 1/2 in; 52.5 lb \$16,495

ACURUS

RL11 Preamplifier

2 tape outputs; 2 preamp outputs. Features hand crafting; pure discrete Class A design; dual-mono DC power supplies; silver-to-silver switching contacts; 1% metal-film resistors; metalized polypropylene capacitors. Remote control with volume, balance, and mute controls. Amp: THD 0.05%; S/N 95 dBA. 19-in front panel optional. 17 x 3 1/2 x 8 in; 14 lb \$799

L10 Preamplifier

2 tape outputs; 2 preamp outputs. Features fully discrete Class A circuitry without integrated circuits; 1% metal-film resistors; metalized polypropylene capacitors; matched-pair transistors; single silver-contact switch in signal path; double-sided glass-epoxy circuit board; steel chassis; solid-aluminum front panel and knobs. Balance control. Amp: FR 20-20,000 Hz $+0$, -0.15 dB; THD 0.06%; S/N 95 dBA. 19-in front panel optional. 17 x 5 x 10 in; 13 lb \$595

P10 Phono Preamplifier

Features full Class A design without integrated circuits; dual-mono DC power supply; 2-sided mil-spec glass-epoxy circuit board; 1% metal-film resistors; metalized polypropylene capacitors; steel chassis. 3 selectable gains; 6 selectable moving-coil input impedances. Amp: S/N 80 dBA MM. 19-in front panel optional. 17 x 3 x 8 in \$395

ADCOM

GTP-600 A/V Preamp/Tuner/Surround Processor

4 line-level inputs; 4 composite/S-video inputs; 2 monitor outputs; subwoofer output; gold-plated RCA connectors. Dolby Pro Logic and other surround modes including Cinema augmentation of Dolby Pro Logic; variable rear-channel delay up to 100 ms; on-screen displays; programmable remote control. FR 20-20,000 Hz -0.5 dB; THD 0.005%; S/N 100 dB. 17 x 4 1/4 x 12 1/2 in; 17 lb \$1,000
GTP-550. As above, remote control not programmable. RCA connectors not gold-plated \$800

GFP-565 Preamplifier

5 line-level inputs; MM/MC phono input; 3 outputs including 1 direct coupled; signal-processor loop; headphone jack. Features Class A circuitry; 1% Roederstein metal-film resistors; metal-film capacitors; double-copper-plated glass-epoxy printed circuit board; aluminum chassis; separate headphone amplifier. Record-out selector; loudness control. FR 5-90,000 Hz ± 0.5 dB; THD 0.0025%; S/N 100 dB. 17 x 3 1/2 x 13 in; 11 lb \$850
GFP-555II. As above, no Class A circuitry, chassis not aluminum. FR 5-85,000 Hz ± 0.5 dB; THD 0.003%. 12 lb \$500

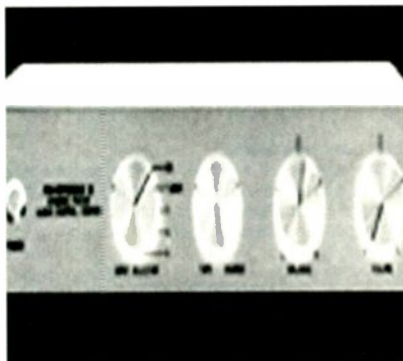
GTP-450 Preamplifier/Tuner

5 line-level inputs; signal-processor loop. Features quartz-referenced digital tuner; motor-driven volume control. 14 AM/FM presets; remote control. FR 20-20,000 Hz ± 0.5 dB; THD 0.0075%; S/N 95 dB. 17 x 3 1/4 x 12 1/2 in; 14 lb \$480
GPT-350. As above, without motor-driven volume control or remote control \$350

AIR TIGHT

ATC-2 Tube Preamplifier

5 line-level audio inputs; 2 line-level output pairs; 2 tape loops. Features one 12AX7 and two 12AU7 vacuum tubes. FR 5-100,000 Hz ± 1 dB; THD 0.01%; S/N 90 dBA \$5,350



ATC-1 Tube Preamplifier

Phono and line-level inputs. Features two 12AX7 vacuum tubes; B power supply; no printed circuit board; OFC wiring; extruded-aluminum front panel. THD 0.05% phono, 0.02% line; S/N 85 dBA phono, 98 dBA line \$3,400

AMERICAN HYBRID TECHNOLOGY

AHT/P Phono Preamplifier

MC phono input; WBT RCA connectors. Features separate power supply with toroidal transformer; Vishay resistors with 0.05% tolerance; Teflon capacitors; direct coupling with no capacitors in signal path; mil-spec chips. Includes Vishay load resistors \$2,500 Above with dual-mono power supply, Teflon PC board, and lab-standard resistors \$5,500
AHT/H. Line-level version of AHT/P \$3,300

ARAGON

Aurum Preamplifier

6 inputs; 2 tape outputs; 2 unbalanced RCA outputs; 1 gold-plated balanced-XLR output. Features dual-mono design; power supply in separate chassis; matched transistors; balanced outputs time aligned to within 2 nanoseconds; direct output coupling; discrete Class A circuitry; shielded switches; Penny & Giles volume control; 5 gold-plated wipers for each channel; OFC circuit-board conductor and ground plane. Amp: FR 20-20,000 Hz $+0$, -0.1 dB; THD 0.03%; S/N 100 dBA. 19 x 3 1/2 x 14 1/2 in; 32 lb \$1,750

Model 18K Preamplifier

6 inputs; 2 preamp outputs; 2 tape outputs; gold-plated connectors. Features hand-crafted fully discrete Class A design; 20,000- μ F power supply in separate chassis; dual-mono DC supply rails. direct output coupling; single switch contact in signal path; gain stage without output capacitors; discrete-transistor regulation for each channel; mil-spec glass-epoxy circuit board; OFC for signal path and ground plane; Teflon-dielectric wire between connectors and circuit board; matched signal-path transistors; epoxy-dipped military RN60D resistors; silver switch contacts; laser-trimmed volume and balance controls. Separate listen and record switches. Amp: FR 20-20,000 Hz $+0$, -0.1 dB; THD 0.04%; S/N 100 dBA. 19 x 3 1/2 x 11 in; 24 lb \$995

Model 47K Phono Preamplifier

Features no front-panel switches or gain controls; no power switch. Internal gain and load-impedance adjustments via gold-to-gold shorting bars; external dual-mono DC power supply; fully discrete Class A circuitry; epoxy-sealed resistors; matched transistors; 1% capacitors; dual-sided glass-epoxy circuit board; OFC board tracings. Amp: S/N 86 dBA MM. 19 x 2 1/2 x 10 1/2 in; 18 lb \$595

ARCAM

Delta 110 Digital Preamplifier

2 digital inputs; switchable MM/MC phono input; 4 line-level inputs including two tape inputs; coaxial digital output; 2 tape and 2 master outputs; headphone jack; gold-plated connectors. Features Burr-Brown

hybrid multiple/1-bit D/A converter; motor-driven volume control. Synchro operation with Arcam CD transports; separate listen and record selectors; mono button; phase-reverse switch; balance control; volume control operable via remote control supplied with Arcam CD components; remote with mute and level controls. FR 10-20,000 Hz ± 0.5 dB line; THD 0.01% at 1,000 Hz; S/N 75 dB MM, 65 dB MC, 97 dB line \$1,500
Delta 110S. As Delta 110, no D/A converter. 5th line-level input replaces digital input \$1,100

AUDIO BY VAN ALSTINE

FET-Valve Tube Preamplifier

Phono inputs; 7 line-level inputs; 2 tape-monitor loops; signal-processor loop; headphone jack. Features hybrid vacuum-tube/MOSFET design; voltage- and current-overload protection; toroidal transformer; regulated power supplies. Bass, treble, and balance controls. Black anodized faceplate. 17 x 3 1/2 x 13 in \$1,195

Super Pas 4i Tube Preamplifier

Phono inputs; 5 line-level inputs; 2 tape loops; headphone jack. Features straight-line vacuum-tube voltage-gain circuits followed by solid-state current drivers; toroidal transformers; regulated power supplies; ceramic selector switch. Balance control. Black anodized faceplate. 12 x 3 1/2 x 9 in \$795
 Kit version of above \$595

Omega II Pre amplifier

Phono inputs; 5 line-level inputs; 2 tape-monitor loops; headphone jack. Features regulated power supplies; ceramic selector switch. Balance control. Black anodized faceplate. 12 x 3 1/2 x 9 in \$445

AUDIO DESIGN ASSOCIATES

Delta 3 A/V Preamplifier

8 A/V sources; 3 audio/composite-video outputs; variable and fixed audio outputs for each zone; loop input for each zone; main 12-V DC output; 12-V DC output for each zone. Designed for 3 zones in a multi-room system. Features discrete source-selection and preamplifier stages. Same or independent source selection for all zones; labeling of all inputs and outputs; 12-character alphanumeric LED display; volume, bass, treble, balance, loudness, and stereo-enhancement controls for each zone with presets for each zone \$1,999

DSP-8 Preamplifier

5 balanced inputs; 3 balanced tape loops; signal-processor loop; digital source switching input; 2 outputs 8 source-pulse outputs; switched AC outlet. Balance, bass, midrange, treble, and tape-monitor controls. FR 5-30,000 Hz ± 3 dB; THD 0.05%; S/N 90 dB. 3 1/2 x 19 x 11 1/2 in; 8 lb \$1,250

ADP-8 Preamplifier

5 inputs; 3 tape loops; signal-processor loop; 2 outputs; switched AC outlet. Balance, bass, midrange, and treble controls. FR 20-20,000 Hz ± 0.25 dB; THD 0.05%; S/N 85 dB. Dimensions: 3 1/2 x 19 x 11 1/2 in; 8 lb \$1,133

AUDIO INNOVATIONS

L2 Tube Preamplifier

4 line-level inputs; tape loop; 2 main outputs; buffered tape output. Features ground-isolation switch. Switchable output level \$1,100
L1. As above, no tape loop. Single main out ... \$550

S200 Tube Preamplifier

Phono input; 3 line-level inputs; tape loop; 2 outputs. Ground-isolation switch \$600

AUDIOLAB

Model 8000PPA Phono Preamplifier

MM/MC input. Features microprocessor-controlled DC-servo feedback system; dynamic subsonic filter. FR 10-20,000 Hz ± 0.2 dB \$1,250

Model 8000C MkII Preamplifier

MM and MC phono inputs; 2 tape loops; headphone jack. Features Class A operation; current mirror bias. Separate listen and record selectors; defeatable phase-compensated tone controls; mute switch. FR 20-20,000 Hz ± 0.5 dB; THD 0.01%; S/N 81 dB MM, 77 dB MC, 92 dB line. 17 1/2 x 3 x 13 in; 15 lb\$750

AUDIO NOTE

M7 Tube Preamplifier

Tape loop; 2 main outputs. Features 5687 line tubes; two 6072A phono-stage tubes; pure-silver hand wiring. 8 1/2 x 6 1/2 x 15 1/2 in\$14,800

M7-Line. As above, no 6072A tubes. 6 1/2 x 6 1/2 x 15 1/2 in\$8,500

M7/S. As M7, with hand-made silver-foil signal capacitors\$21,000

M7-Line/S. As M7-Line, with hand-made silver-foil signal capacitors\$11,800

M7-Phono. As M7/S, phono stage only\$19,900

M3-Phono Tube Preamplifier

Features copper chassis; mono power supplies with valve rectification; Black Gate electrolytics; power-supply chokes; tube regulation; copper-foil capacitors; pure-silver hook-up wire.\$6,795

M3-Line. As above, without phono stage\$4,495

M1-Phono Tube Preamplifier

MC phono input; 4 line-level inputs; 2 main outputs. Features ECC83 and ECC82 line and driver tubes; four ECC83 phono-stage tubes. Dimensions: 11 1/4 x 5 1/2 x 17 1/2 in\$1,395

M1-Line. As above, without phono stage\$995

M2-Phono. As M1-Phono, with 6SL7 driver tubes, four 7025 phono-stage tubes, choke and tube rectifiers, paper-in-oil signal capacitors, and Black Gate electrolytics. No ECC82 tubes\$2,995

M2-Line. As M2-Phono, no phono stage\$2,495

AUDIO RESEARCH

LS5 Tube Preamplifier

6 sets of XLR inputs; 3 sets of XLR outputs; no unbalanced inputs/outputs. Features four 6DJ8/6922 and six 12BH7 vacuum tubes; FR regulated power supply; fully differential cross-coupled topology; electronic switching; toroidal transformer; coaxial capacitors; proprietary decoupling capacitor circuits. Switchable gain settings. Amp: FR 1-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 11 in; 19 lb\$4,495

LS2B MkII Tube Preamplifier

Switch-defeatable tape outputs; 6 line-level input pairs; unbalanced RCA outputs; 2 balanced-XLR output pairs; balanced-XLR inputs. Features hybrid tube/solid-state design with 6922 dual triode; four-section 41-detent attenuator; four-section gold-contact input-selector switch; Class A design; regulated power supplies; second transformer for active feedback circuit; coaxial capacitors. Manual and auto muting. Amp: FR 1-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 13 lb\$2,995

LS2 MkII. As above, without balanced inputs\$2,650

SP9 MkIII Tube Preamplifier

Line-level and phono inputs. Features hybrid tube/solid-state design with two 6922 dual triodes; regulated power supplies; shielded toroid transformer. Amp: FR 30-40,000 Hz phono, 5-50,000 Hz ± 0.5 dB line. 19 x 5 1/4 x 10 1/4 in; 12 lb\$2,495

PH2 Phono Preamplifier

Balanced inputs and outputs. Features regulated power supplies; shielded toroid transformer. Mute switch. 19 x 5 1/4 x 11 1/2 in; 13 lb\$2,495

LS3B Preamplifier

2 unbalanced output pairs; balanced-XLR outputs. Features DC-coupled inputs; regulated power supply; aircraft-grade toggle switches. Gain, balance, mono/stereo, and source-select controls; mute switch. Amp: FR 2-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 11 lb\$1,995

LS3. As above, without balanced outputs\$1,695

PH1 Phono Preamplifier

Gold-plated RCA inputs and outputs. Features regulated power supply with toroidal power transformer; Class A FET design; hard-wire impedance matching. Mute switch. Amp: FR 10-60,000 Hz. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 10 lb\$1,495

LS7 Tube Preamplifier

5 line-level inputs. Features hybrid tube/solid-state design with four 6922/E88cc dual triodes; regulated power supplies. Gain control; mute switch. Amp: FR 1-100,000 Hz ± 0.5 dB. Dimensions: 19 x 5 1/4 x 10 1/4 in; 9.8 lb\$1,395

AUDIOSOURCE

PRE One Preamplifier

6 inputs; 2 main stereo outputs; MC phono input. Features digital input switching; FET inputs. Bass, midrange, and treble controls; bass-EO circuitry; tape-dubbing capability; subsonic filter. Amp: S/N 85 dB MM, 70 dB MC. 100 dB line. 16 1/2 x 2 1/2 x 11 1/2 in; 8 pounds\$250

AUDIO SYNTHESIS

Passion V Preamplifier

Line-level inputs; balanced inputs and outputs; tape loop. Features dual-mono design. 31 stepped attenuators. FR 1-200,000 Hz; THD 0.0002%\$1,795

Passion Preamplifier

Line-level inputs; tape loop. FR 1-200,000 Hz; THD 0.0002%\$1,095

Pro Passion. As above, no tape loop\$950

AUDIRE

Andante Preamplifier

5 line-level inputs; separate MM and MC phono inputs; 2 tape loops; 2 line-level output pairs; 4 switched and 4 unswitched AC outlets. Features dual-mono design with separate circuit boards, controls, and regulated power supplies for each channel; Class A circuitry in push-pull topology; direct coupling for all stages; dual matched FETs for input stages. Bass, treble, volume, and source-select controls for each channel; tone defeat/bypass\$1,903

Diffet 3 Preamplifier

5 line-level inputs; MC phono input; 2 tape loops; 2 line-level output pairs. Features differential FETs in input stages; DC coupling; no capacitors in signal path; regulated power supply. FR 5-100,000 Hz -0.25 dB; S/N 86 dB phono, 94 dB line. 19 x 2 1/4 x 7 1/2 in; 14.7 lb\$1,000

Legato Preamplifier

5 line-level inputs; MM-phono input; 2 tape loops; 2 line-level output pairs. Features polypropylene and polystyrene capacitors; metal-film resistors; regulated power supply; DC-coupled stages; no capacitors in signal path; no internal wiring. FR 5-100,000 Hz -0.25 dB line; S/N 75 dB phono, 90 dB line. 19 x 2 1/4 x 7 1/2 in\$587

B&K COMPONENTS

AVP1000 A/V Preamp/Tuner/Surround Processor

4 composite-video inputs; 8 line-level inputs; 4 composite-video outputs; 3 line-level outputs; balanced outputs. Multiple surround modes including Dolby Pro Logic; 8 user system presets; 16 AM/16 FM presets; custom naming for memories, functions, and inputs; programmable remote control. Amp: FR 20-150,000 Hz ± 3 dB; THD 0.02%; S/N 89 dB. FM: 50-dB quieting sens 20 dB; AM rej 55 dB; cap ratio 2 dB; alt-ch sel 55 dB; signal-to-noise ratio 70 dB. 17 x 3 1/2 x 11 in; 16 lb\$998

AVP2000 A/V Preamplifier

4 composite-video and 3 S-video inputs; 8 line-level inputs; 4 composite-video and 3 S-video outputs; 5 line-level outputs; balanced outputs. Can provide independent audio and video control in each of 2 zones in a multiroom system. 8 user system presets

for each zone; custom naming for all memories, functions, zones, and inputs; programmable remote control. FR 20-150,000 Hz ± 3 dB; THD 0.02%; S/N 89 dB. 17 x 3 1/2 x 11 in; 16 lb\$798

AVP2000 with multiple surround modes including Dolby Pro Logic\$998

PRO-10MC/BAL Preamplifier

5 line-level inputs; selectable MM/MC input; 2 line-level outputs; tape loop; 2 line-level output pairs; balanced outputs; headphone jack. Features discrete DC-coupled design with Class A circuit topology; external power supply. Loading pins for varying phono-input resistance/capacitance; separate record selector; balance control. FR 1-150,000 Hz ± 1 dB; THD 0.02%; S/N 82 dBA MM, 70 dBA MC, 89 dBA line. 17 x 3 1/2 x 11 in; 22 lb\$798

CS-117/BAL Preamplifier

5 line-level inputs including one switchable MM-phono/line-level; tape loop; 2 line-level output pairs; balanced outputs. Features electronic switching circuitry; selectable passive mode. Tone controls. FR 5-100,000 Hz ± 1 dB; THD 0.02%; S/N 82 dBA MM, 89 dBA line. 17 x 2 1/2 x 10 1/2 in; 8 lb\$398

CS-115/BAL. As above, without tone controls\$348

BEL CANTO DESIGN

Tosca Preamplifier

2 balanced-XLR and 3 RCA inputs including tape monitor; 2 balanced-XLR and 2 RCA outputs; buffered RCA tape output. Features FET input stage. S/N 95 dBA. 5-yr parts-and-labor warranty. 17 x 2 1/2 x 12 in; 14 lb\$1,390

Fidelio Phono Preamplifier

Features FET input stage. S/N 80 dBA. 5-yr parts-and-labor warranty. 17 x 2 1/2 x 12 in; 14 lb\$1,090

BENZ MICRO

Lukaschek PP-1 Phono Preamplifier

For MC cartridges. 2 RCA MC inputs; 2 line-level RCA outputs; ground terminal. Features 2 transistors in each amplifier stage; double-sided glass-epoxy circuit board; matched bipolar transistors; 1% metal-film resistors; tantalum and 1%-polystyrene capacitors; 10-Hz subsonic filter between input stage and RIAA EQ. Turn-on mute; LED indicator. S/N 82 dBA\$1,200

BOULDER

L5AE Preamplifier

Two balanced and 6 unbalanced inputs; balanced and unbalanced outputs. Features ten 990 gain stages, each hand built from 69 discrete components. 120/240-V operation. Amp: FR 20-20,000 Hz $+0, -0.05$ dB; THD 0.005% at 20,000 Hz. 17 x 4 1/2 x 15 1/2 in; 12 lb\$3,575

L5M. As above, metal finish\$4,000

L3AE Preamplifier

Balanced and unbalanced outputs. Features 990 gain stage in audio path hand built from 69 discrete parts. 120/240-V operation. MM or MC phono stage optional. Amp: FR 20-20,000 Hz $+0, -0.05$ dB; THD 0.005% at 20,000 Hz\$2,125

BRYSTON

The following preamps feature a 20-yr parts-and-labor warranty.

BP-20 Preamplifier

2 balanced inputs; 5 unbalanced inputs; 2 unbalanced outputs; balanced output; tape and processor loops. FR 20-20,000 Hz; THD 0.0025%. 19 x 1 1/4 x 11 in\$1,395

BP-1. Separate MM phono stage for BP-20. Balanced and unbalanced outputs\$695

BP-5 Preamplifier

Phono input; 3 line-level inputs; balanced output; tape and processor loops. Features 2-stage phono

Nice Rear.



CD, Tuner, 2 Audio Tape Loops, 2 VCR Tape Loops, Laser Disc, Video Inputs, Sub woofer crossover, 6 Channels of output with individual adjustment. What a rear! Take a look at the rest...



Designed from the REAR to the front, our product team considered every simple and complex hook up needed for a serious Dolby Pro Logic pre-amplifier. Actually we designed it for ourselves, the most critical component necessary to put together a great Home Theater. Then we designed a remote control, so simple, that even your parents could use it. We took a look at those super theater systems and built in some of the same professional features like Sound Pressure Level (SPL) matching.

We added specifically-designed amplifiers and a powered sub woofer, small yet powerful enough to rattle your windows. Together these components are called System 2. We think our 25 years of passion and experience paid off.

Here are a few serious design reasons why our System 2 should be your Home Theater choice..

1. System Building Flexibility so unusual it guarantees your long term entertainment needs are met no matter how many components you buy.
2. Exceptional Audiophile Circuits offering high resolution (clear sound) with a dynamic range of greater than 115 dB (Enough to play the 1812 Overture loud).
3. Dolby Time Link Technology recently patented plus newly developed micro processors for steering sound effects to your speakers.

4. Dynamic Range Greater Than 100dB in Pro Logic combined with our Dolby circuit's super low distortion (listen to the center channel speaker) the dynamics are immediately felt.

5. Distributed Power using two audiophile quality amplifiers delivering 270 watts across your three front speakers with 45 watts for each surround speakers.

6. Low Distortion Bass delivered by our powered sub woofer using our unique Negative Output Impedance Amplifier circuit produces clean bass response down to 30Hz @ 102 dB.

7. Matching Sound Pressure Level Exactly for all six speakers is practically automatic using our external microphone and built-in SPL meter.

There's so much more to cover, why not go down to your nearest AMC Dealer and bring your favorite movie or give us a call direct, at 1-800-321-6396. Find out for yourself what our System 2 is all about and

...check out our rear.



System 2

AMC™



Weltronics Corp. / P.O. Box 80584 / San Marino, California 91108
TEL 818-799-6396 / FAX 818-799-6541

section; no internal wiring with components plugging directly into boards; volume control laser-trimmed to 0.25 dB accuracy. FR 22-20,000 Hz; THD 0.005%; S/N 80 dBA phono, 95 dBA line. 19 x 1 1/4 x 8 in. \$895
BP-4. As above, no phono stage \$850

TF-1 Phono Preamp

MC phono input. FR 5-30,000 Hz ±0.5 dB; S/N 85 dB
 MC. 2 x 3 x 4 in. \$750

BP-6 Phono Preamp

MM/MC phono input, balanced outputs. Polarity inverter. S/N 80 dB MM \$650

CARVER

CT-29v A/V Preamp/Tuner/Surround Processor

7 audio inputs; 3 composite/S-video inputs and outputs; subwoofer output; signal-processor loop; CATV coaxial FM input. Features DSP for surround modes; Vocal Zoom circuitry for dialog enhancement. Dolby Pro Logic. MOVIE SURROUND, TWO HALL, and MATRIX surround modes; auto surround-setting recall for each video source; 30 tuner presets; on-screen displays; removable rack handles; programmable remote control. Multiroom kit optional. Amp: FR 20-20,000 Hz ±0.5 dB; S/N 78 dBA phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 60 dB; S/N 68 dB stereo; THD 0.5% stereo at 1,000 Hz. 19 x 4 1/2 x 15 in; 12 lb. \$1,200
C-27v. As above, without multiroom capability or on-screen displays. 1 S-video input; 1 S-video output. Remote control not programmable \$850

C-20v A/V Preamp/Tuner/Surround Processor

4 audio inputs including 2 tape loops; 5 composite/S-video inputs; 6 audio outputs; 3 S-video outputs. Features DSP for surround modes. Dolby Pro Logic, HALL, MATRIX, and Dolby 3 Stereo modes; continuously variable rear-channel delay time; separate A/V record/listen capability; on-screen displays; remote control. FR 20-20,000 Hz ±0.5 dB; S/N 80 dBA. 19 x 3 1/2 x 13 1/2 in; 12 lb. \$1,000

C15v A/V Preamp/Tuner/Surround Processor

8 audio inputs including phono; 3 composite-video inputs and outputs; 1 S-video input and output; subwoofer output; signal-processor loop. Features DSP for surround modes; Vocal Zoom dialog-enhancement circuitry; motor-driven master volume control. Dolby Pro Logic mode; adjustable delay times; auto input balance; removable rack handles. Multiroom kit optional. FR 20-20,000 Hz ±0.5 dB; S/N 78 dB phono. 19 x 4 1/2 x 15 in; 12 lb. \$800

CT-6 Preamp/Tuner

6 audio inputs; CATV coaxial FM input. Features digital-synthesis tuner; ACCD antipath circuitry; Sonic Holography image-enhancing circuitry. 20 tuner presets; remote control. Amp: FR 20-20,000 Hz ±0.5 dB; S/N 78 dBA phono. FM: 50-dB quieting sens 41.3 dBf stereo; AM rej 62 dB; cap ratio 1.9 dB; alt-ch sel 72 dB; S/N 74 dB stereo; THD 0.25% at 1,000 Hz stereo. 19 x 2 x 15 in; 9 lb. \$650

CT-3 A/V Preamp/Tuner

6 audio inputs; 3 composite-video inputs; CATV coaxial FM input. Features digital-synthesis tuner; Sonic Holography image-enhancing circuitry. 30 tuner presets; sleep timer; remote control. Amp: FR 20-20,000 Hz ±0.5 dB; S/N 75 dBA phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 62 dB; cap ratio 2.2 dB; alt-ch sel 60 dB; S/N 68 dB stereo; THD 0.5% at 1,000 Hz stereo. Dimensions: 19 x 5 1/4 x 15 1/2 in; 6 lb. \$500

CARY AUDIO DESIGN

SLP 90 Tube Preamp

Gold-plated input/output jacks with Teflon inserts. Features pure Class A triode circuitry; low input MC phono section; 200% duty cycle on all transformers enclosed in separate power supply; hand wired with EE Teflon silver wire; two 6CA4 rectifier, two 12AU7 buffer cathode follower, two 12AU7 line stage, and two 12AX7 phono section tubes; 1% metal film resis-

tors; polystyrene and polypropylene capacitors. S/N -88 dB. Preamp/SLP 12 1/2 x 5 x 12 in; 22 lb. Power supply 4 1/2 x 3 x 6 in. \$2,295
SLP 90LB. As SLP 90, line stage only with balanced outputs \$2,150
SLP 90L. As above, line stage only \$1,895

PH-300 Phono Preamp

Gold-plated inputs/output with Teflon inserts; single-ended outputs; balanced outputs are standard Canon XLR pin. Features separate power supply; designed as companion unit to CAD-300SEI integrated amp. 8-ft connector cord included; 1% metal film resistors; polystyrene and polypropylene capacitors. MC/MM phono selector. S/N 89 dB. 7 x 2 1/2 x 11 1/2 in; 12 lb. \$1,495

SLP-30H Tube Preamp

Gold-plated input/output jacks with Teflon inserts. Features single-ended headphone amp; direct-coupled constant current, single-ended Class A circuitry design; vacuum tube full-wave rectification in power supply; 200% duty cycle on power transformer; continuous duty all modes 24 hours per day; one 6CA4 rectifier and two 12AU7 line stage preamp tubes; EE Teflon silver wire; 1% metal film resistors; polystyrene and polypropylene capacitors; 5-minute warm-up time. S/N 88 dB. Dimensions: 16 1/2 x 4 1/4 x 11 1/2 in; 11 lb. \$1,295
SLP-30. As above, no headphone amp \$995

LPP-1 Tube Phono Preamp

RCA Inputs and outputs. Features two 12AX7 dual triode tubes; designed to amplify and equalize MC/MM phono cartridges to the standard RIAA curve; designed to operate specifically with Cary Audio Design SLP-30, SLI-30, and CAD-75-I. Separate stand-alone power pack optional. 7 1/2 x 3 x 4 in; 4 lb. \$399
LPP-1 Power Pack. Permits use with non-Cary products \$249

CELESTE

Each of the following features a 3-yr warranty.

P-4002 Preamp

6 inputs; balanced input and output. Features separate power supply. FR 1-250,000 Hz -0.5 dB; THD 0.05% from 20-20,000 Hz; S/N 106 dB. Power supply 5 x 2 1/4 x 14 1/2 in. Preamp 14 1/2 x 2 1/4 x 14 1/2 in. \$1,595
P-4001. As above, power supply not separate. No balanced input. Balanced output optional \$995

P-400. Passive design with 6 inputs. 14 1/2 x 2 1/4 x 7 1/2 in. \$495

CELLO

Encore 1MOhm Line Preamp

One balanced-Fischer and 4 unbalanced-RCA inputs; one balanced-Fischer and 2 unbalanced-RCA outputs; two unbalanced-RCA record outputs. Features external power supply with two regulators. Tape-monitor and output-level controls. Phono module optional. FR 20-20,000 Hz ±0.25 dB; THD 0.01%. Power supply 8 1/2 x 3 1/2 x 13 in; 8.5 lb. Preamp 19 x 4 x 14 in; 14 lb. \$8,000
 MM/MC phono module \$2,000

Palette Preamp

5 line-level inputs; 2 tape outputs; 1 balanced and 2 unbalanced outputs. Features external power supply. 6 tone controls. MM/MC phono stage optional. THD 0.005%; S/N 80 dB. Power supply 6 x 3 1/2 x 12 in; 8 lb. Preamp 19 x 7 1/2 x 13 in; 21 lb. \$6,500
 Phono module \$2,000

Audio Suite

Modular system built around an open-architecture mainframe that accepts up to 10 slide-in modules. Can control multiroom and multimedia systems.

Mainframe Chassis. 19 x 9 x 13 in. \$2,000
Master Power Supply \$3,000
P101. MC phono input \$3,800
P301. Premium output \$3,800
P201. Premium input \$2,800

P100HG. High-gain MM phono input \$2,525
P100. MM phono input \$2,250
B301. Basic output \$2,000
P200. Input \$1,700
B100MM. Basic phono input \$1,700
B100MC. Basic phono input \$1,700
B200. Basic RCA line-level input \$950

CHASE TECHNOLOGIES

RLC-1 Preamp

4 line-level inputs; tape loop. Bass, treble, balance, and mute controls; auto loudness. THD 0.05%; S/N 105 dB \$125

CLASSE AUDIO

The following products are available in Satin Black or Soft Shadow Silver finishes. Optional remote control available for Classe 6 MKII or 6L MKII or 5 MKII or 5L MKII for additional \$300, and for Classe 4 or 4L for \$200.

Classé 6 MKII Preamp

MC/MM phono, balanced, 4 line-level inputs; balanced and regular outputs. Features 22-V output. Controls for volume, balance, mute, phono and balanced bypasses. FR 20-20,000 Hz ±0.1 dB, 1-150,000 Hz -3 dB; S/N 85 dBA MC/MM phono, 95 dBA line. 19 x 6 x 14 1/4 in; 36 lb. \$3,295
Classé 6L MKII. As above, no phono; 2 aux inputs. CD and balanced bypasses \$2,995
Classé 5 MKII. As Classé 6 MKII, 24 lb. \$2,295
Classé 5L MKII. As Classé 6L MKII, 24 lb. \$2,100
Classé 4. As Classé 6 MKII, no phono or balanced bypass. Output 18-V. 19 x 12 1/2 x 3 1/2 in; 13 lb. \$1,595
Classé 4L. As Classé 4, no phono input; 2 aux inputs \$1,495

Classé 30 Preamp

MC/MM phono/aux inputs; 4 line-level inputs; balanced inputs; balanced and regular outputs. Features 15-V output. Remote control; controls for volume, balance, and mute. FR 20-20,000 Hz ±0.1 dB; S/N 85 dBA MC/MM phono, 95 dBA line. 19 x 2 1/2 x 10 1/4 in; 11 lb. \$1,195

Classé 20 Preamp

6 line-level inputs; 2 sets of main outputs. Features 15-V output. Remote control; controls for volume, balance, and mute. FR 20-20,000 Hz ±0.1 dB; S/N 95 dBA. 19 x 2 1/2 x 10 1/4 in; 11 lb. \$995

CODA

FET 01 Preamp

Phono and line-level inputs; balanced and unbalanced outputs. Features all-FET voltage gain; bipolar current gain; no overall feedback; DC-coupled design; regulated power supply with EMI and RFI filters and toroidal transformer; double-sided gold-plated circuit boards; anodized chassis. Separate listen and record selectors. 10-yr warranty. Dimensions: 19 x 1 1/4 x 9 1/4 in. \$2,750
FET 02. Above without phono stage \$1,950

CONRAD-JOHNSON

Premier Seven-B Tube Preamp

Phono and line-level inputs. Features all-tube dual-mono design with four 6CW4 nuvistors and eight 6GK5 single triodes; separate power supplies for each channel; zero-feedback design with 3 gain blocks per channel; 8 discrete regulated DC power supplies; solid-silver internal signal-path wiring. FR 2-100,000 Hz; THD 0.5% at 1-V output. 60 lb. \$9,995
Evolution 20SE. As above, design not dual mono. 19 x 15 1/2 x 7 in; 37 lb. \$5,995
Premier Ten. As Evolution 20SE, no phono stage. 19 x 15 1/2 x 5 in; 30 lb. \$3,495

PV12 Tube Preamp

Phono and line-level inputs; 2 tape loops. Features cathode-follower outputs and solid-state voltage regulator designed for minimal AC impedance; regulated-filament power supplies; audio circuits with 1%

tolerance; mil-spec deposited tin-oxide resistors; polystyrene capacitors. Auto turn-on/off mute. FR 2-100,000 Hz; THD 0.5%. Dimensions: 19 x 14 1/4 x 3 3/4 in; 15 lb\$2,395
PV12L. PV12 without phono stage\$1,795

PF2 Preamplifier

Phono and line-level inputs; 2 tape loops. Features all-FET design with zero-feedback distortion-canceling circuit; polypropylene and polystyrene audio circuitry and power-supply capacitors; metal-film resistors. FR 2-100,000 Hz; THD 0.1%. 19 x 14 1/4 x 3 3/4 in; 15 lb\$1,795
PF2L. Above without phono stage\$1,395

PV10A Tube Preamplifier

5 line-level inputs; phono input; tape loop. Features zero-feedback circuits in phono and line stages; 5 vacuum tubes; discrete regulated power supply with polypropylene and polystyrene capacitors. THD 0.1%. 16 x 11 3/4 in\$1,195
PV10AL. Above without phono stage\$995

CONTINUUM GROUP

Continuum Audio Window Preamplifier

5 inputs, including balanced and mono; separate tape monitor and processor loops. Features wide-band regulated power supply with 14,000 µF of capacitance and AC, EMI, and RF line filter; FET input with bipolar current gain; double-sided glass epoxy circuit boards. Remote control; dual function optical level control for convenient user interface and superior feel; ultra-linear and extremely fast gain stage. FR 5-200,000 Hz -3 dB; THD 0.01%; S/N 100 dBA. Five-yr limited warranty. 17 x 2 3/4 x 10 in\$1,250

COUNTERPOINT

SA-5000a Hybrid Preamplifier

Utilizes tubes (power supply), FETs, and bipolar transistors; MC and MM phono inputs. FR 2-300,000 Hz; distortion 0.5%; S/N 90 dB (phono), 92 dB (line); input imp 47 kilohms. 4 1/2 x 19 x 12 2/3 in\$3,595
SA-3000a. As 5000a, distortion 0.0075%\$1,195
SA-2000a. As 3000a, one extra line-level input but no phono inputs. Distortion 0.5%; S/N 92 dB\$1,595
SA-1000a. As 3000a, FR 2-170,000 Hz; distortion 0.06%; S/N 83 dB; input imp 30 kilohms\$1,095

Solid 8a Preamplifier

Solid-state design; no phono inputs; inputs/outputs for eight line-level sources; two tape monitors; tape-to-tape dubbing. Fully complementary circuitry; direct coupling. FR 1-120,000 Hz; distortion 0.5%; S/N 95 dB; input imp 10 kilohms; output imp 110 kilohms. Dim: 2 1/4 x 19 x 10 1/2 in\$1,095

Balanced Outputs

Special-order option for 5000a, 3000a, 2000a, and Solid 8a\$250

CREEK

P42 Preamplifier

4 line-level inputs; 2 tape loops; 3 outputs including one with switchable 6-, 9-, or 12-dB gain. Features power via A42 amplifier, internal power supply, or external power supply. Separate listen and record facilities. Options include output-stage plugs for biampification or triampification, headphone-jack board, and bridged-mono board. FR 0-35,000 Hz -1 dB; THD 0.01% from 20-20,000 Hz; S/N 105 dB for 600-mV output; ch sep 80 dB at 1,000 Hz\$495

DB SYSTEMS

Some of these models are special-order upgradable. Contact the manufacturer for information.

DB-1B Preamplifier

4 line-level inputs; phono input; 2 buffered tape outputs; 2 main outputs; gold-plated connectors. Features cascode amplifiers; diode input protection; volume control with ±1-dB tracking over 70-dB range. Switchable high-pass filter at 20 or 36 Hz; switchable

low-pass filter at 5,000 or 10,000 Hz; balance and tape-monitor controls. Frequency response 20-20,000 Hz ±0.04 dB phono, 10-20,000 Hz -0.25 dB line; total harmonic distortion 0.0008% from 20-20,000 Hz. 5-yr warranty. Solid-oak cabinet. With DB-2A power supply\$740
DB-1A. As DB-1B, no gold-plated connectors or oak cabinet. Volume control without ±1-dB tracking\$535

DB-1B-HL Preamplifier

5 line-level inputs. Gold-plated connectors. Balance control; loudness switch. FR 10-50,000 Hz ±0.1 dB. Oak cabinet. With DB-2A power supply\$580
DB-1A-HL. As above, gold-plated connectors, loudness, or oak cabinet optional\$415

DB-4B Phono Preamplifier

MC input. Powered via DB Systems preamp, crossover, or EQ or optional DB-2A power supply. Features cascode amplifiers; diode input protection. Gold-plated connectors. Switchable gain. 5-yr warranty. FR 10-100,000 Hz -0.1 dB; THD 0.0008% from 20-1,000 Hz. 6 1/4 x 4 1/2 x 2 1/4 in\$205
 With DB-2A power supply\$315

DENNESEN

JC80 MkII Mono Preamplifier

MM/MC/line-level input. Features external power supply; polarity inversion with input-imp adjustment. Balanced output optional\$6,500
JS90. As above, no phono stage\$3,200

DENON

AVP-5000BK A V Preamp/Surround Processor

11 audio inputs; 8 audio outputs; line-level outputs for front, center, and rear channels; mono subwoofer output; 4 fiber-optic and 2 coaxial digital inputs; 1 fiber-optic digital output; 6 composite- and 6 S-video inputs; 3 composite- and 3 S-video outputs; 2 composite-video and 2 S-video video-monitor outputs; Hi-Vision input for 4-channel HDTV sound; 2 remote turn-on/off jacks for Denon power amps; gold-plated RCA connectors. Features dual DSPs for Dolby Pro Logic, EQ, room-simulation, and dynamics control; separate power transformers for audio and video circuits. User adjustments for filter and matrix settings; adjustable THEATER and LIVE-ROOM simulations; switchable video-circuitry defeat; on-screen displays; programmable remote control with LCD\$2,500

PRA-S10 Preamplifier

Balanced and unbalanced connectors; remote turn-on/off output for amplifier; headphone ack. Features aluminum sand-cast frame; inverted Sigma balance circuit for 16.5-dB gain in single amplifier stage; UHC-MOS transistors for power supply. System remote control\$1,100

PRA-1500 Preamplifier

MM/MC phono input; video inputs and outputs; balanced-XLR outputs; mono, wideband, and Super Bass outputs for subwoofers. Source-direct mode; variable loudness; remote turn-on/off of Denon power amps; IS-system remote control\$500

DGX

DDP-1 Digital Preamplifier

Fiber-optic and coaxial digital inputs and outputs; 3 analog inputs; tape-monitor loop. Features DSP and D/A converter; phase and amplitude correction when used with DGX speakers. Available with coefficients for other brands of speakers. FR 20-20,000 Hz ±0.1 dB; THD 0.01%; S/N 86 dB analog, 92 dB digital. 16 x 3 x 10 1/2 in; 10 lb\$995

DPA DIGITAL

DSP200S Preamplifier

5 line-level inputs; tape monitor; 2 line-level outputs. Features compound Class A output stage; electronic balance switching in 0.5-dB steps; 3-mm-thick aluminum case and chassis. 9 x 3 1/4 x 12 in\$895

DYNACO

PAS-4 Tube Preamplifier

Phono input; 7 line-level inputs including 2 tape loops and signal-processor loop. Features four 6DJ8 and two 12AX7 tubes. Tape-dubbing and tape-monitor controls; mono/stereo switch, balance control. FR 2-250,000 Hz ±1 dB; THD 0.025%; S/N 90 dB. 3-yr parts-and-labor warranty with 1 yr on tubes. Black. 17 x 3 1/4 x 12 in; 18 lb\$999
 Chrome finish\$1,099

PAT-6 Preamplifier/Tuner

Phono input; 4 line-level inputs; headphone jack. 8 AM/FM presets; seek tuning; mono/stereo switch; bass, treble, balance, and loudness controls; remote control. FR 20-20,000 Hz ±0.5 dB phono/line; THD 0.01% phono, 0.02% line; S/N 85 dB phono, 100 dB line. FM: AM rej 63 dB; cap ratio 1.5 dB; S/N 72 dB stereo. 3-yr parts-and-labor warranty. 17 1/2 x 3 3/4 x 13 in\$500

ELECTROCOMPANIET

EC-3MC Preamplifier

MC phono input; balanced CD input; gold-plated XLR and RCA inputs. Features dual-mono balanced design; Class A circuitry. Separate record and listen selectors\$1,999
EC-3MM. As above, MM phono input\$1,799
EC-4. As above, no phono input\$1,499

EC-1 Phono Preamplifier

MM/MC input. Features current-sensing circuitry adjusting to cartridge signal level. Dimensions: 9 1/2 x 2 1/2 x 6 1/2 in; 5 lb\$599

ESSENCE

Emerald Tube Preamplifier

7 line-level inputs. Features vibrational isolation via coupling/decoupling. Switchable LED panel. FR 0.5-100,000 Hz; THD 0.02%. Dimensions: 19 x 6 1/2 x 15 in; 40 lb\$6,485

EXPRESSIVE TECHNOLOGIES

SU-1 Phono Preamplifier

MC input. Features step-up transformer for MC input. FR 0.7-150,000 Hz -0.1 dB; S/N 100 dB. 19 x 5 3/4 x 8 1/4 in; 35 lb\$3,500

FORTÉ

Forty Four Preamplifier

6 line-level inputs; 2 tape loops; balanced inputs and outputs; gold-plated connectors. Features Class A circuitry; direct coupling from input to output; mil-spec glass-epoxy circuit board; discrete circuitry throughout. Remote control with volume, source-select, and mute controls. FR 0-100,000 Hz -1 dB; S/N 100 cB\$1,350

FP1 Phono Preamplifier

MM/MC input; gold-plated connectors. Features discrete Class A circuitry; direct-coupled JFET input. Adjustable impedance and capacitance settings. S/N 85 dB MM, 74 dB MC\$550

FOSGATE-AUDIONICS

Model Three-A THX Preamp/Surround Processor

6 A/V inputs including 4 composite- and 2 S-video inputs; left, center, right, rear-left, and rear-right outputs; stereo L/R front, mono front, and mono rear subwoofer outputs; composite- and S-video video-monitor outputs. Features proprietary Digital Servo Logic steering circuitry; microprocessor control with memory for delay and filter settings; metal-film resistors and polypropylene capacitors in analog signal path; defeatable 12-dB/oct crossover at 80 Hz. Dolby Pro Logic mode with or without Home THX; 70-mm Wide Motion Picture and 70-mm Motion Picture modes; passive-matrix surround mode; ROCK, POPULAR, JAZZ, CHAMBER, and ORCHESTRA music modes; adjustable Dolby Time Link digital delay; auto input

balance; test-noise generator; sibilant filter for dialog; A/V record-out selector; output-level controls for each channel; LED displays; remote control. Total harmonic distortion 0.05%; signal-to-noise ratio 90 dBA. 3-yr limited warranty. Dimensions: 17 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 14 $\frac{1}{4}$ in; 14 lb\$2,799

Model Four A/V Preamp/Surround Processor

6 A/V inputs including 4 composite- and 2 S-video inputs; left, center, right, rear-left, rear-right, and subwoofer outputs. Features proprietary Digital Servo Logic steering circuitry; microprocessor control with settings memory; glass-epoxy circuit boards. Dolby Pro Logic and 70-mm Motion Picture modes; adjustable Dolby Time Link digital delay; high-frequency re-equalization of movie soundtracks for home listening; simulated-stereo mode; auto input balance; test-noise generator; separate record-out circuit; LED indicators; remote control. Relay output to trigger other electronics optional. THD 0.05%; signal-to-noise ratio 90 dBA. 3-yr limited warranty. 17 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 12 in; 8 lb\$999

GRYPHON

Elektra Preamplifier

WBT inputs; Neutrik XLR and RCA outputs. Features separate chassis for each channel with common faceplate; outboard power supplies for each channel; no negative feedback; Class A operation with output 100 times requirement for rating; 24-position passive resistor volume control; custom C-core transformers; Resista resistors; AC input filters; 11-stage voltage regulation per channel. Phono stage optional. S/N 100 dB\$8,000

Bel Canto Preamplifier

Gold-plated RCA inputs; Neutrik XLR and RCA outputs. Features separate chassis for each channel with common faceplate; outboard power supplies for each channel; no negative feedback; Class A operation with output 100 times requirement for rating; 24-position passive resistor volume control; custom C-core transformers; AC input filters; 11-stage voltage regulation per channel. S/N 100 dB\$4,700

HARMAN KARDON

AVP-1A THX Preamp/Surround Processor

ROCK, JAZZ, POPULAR, CHAMBER, and ORCHESTRA music modes; Dolby Pro Logic, Home THX, and cinema movie modes; A/V input switching; A/V record-out circuit; test-noise generator; panorama control; output level-trim controls; remote-control capability. Includes THX demo disc\$2,799

AVP-2 A/V Preamp/Surround Processor

ROCK, JAZZ, POPULAR, CHAMBER, and ORCHESTRA music modes; Dolby Pro Logic and 70-mm motion-picture movie modes; A/V input switching; A/V record-out circuit; test-noise generator; panorama control; output level-trim controls; remote capability\$1,049

PT2300 Preamplifier-Tuner

3 audio and 2 A/V inputs; 2 VCR/tape monitors; line-level subwoofer output; 2 line-level output pairs. Features all-discrete circuitry; digital quartz-locked tuning. 7-way dubbing; 16 AM/FM presets; subwoofer-level control; system remote control\$629

AP2500 Preamplifier

MM/MC phono input; 5 audio inputs; 2 tape monitors; gold-plated connectors. Features all-discrete circuitry\$599

JEFF ROWLAND DESIGN GROUP

Coherence Preamplifier

7 balanced-XLR inputs; 3 balanced-XLR tape/record outputs; 2 balanced-XLR outputs. Features separate DC power supply; solid-aluminum chassis components; microprocessor control. Detachable front panel for remote unit operation; selectable gain and input impedance for each source; memory for all operation modes. Preamp 17 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 14 in. Power supply 17 $\frac{1}{2}$ x 3 $\frac{1}{4}$ in. 68 lb\$12,800

JRM ENGINEERING

JRM Preamplifier

MM and MC phono inputs; 4 line-level inputs. Features polypropylene capacitors; gold-plated electro-mechanical devices; 2-stage RIAA EQ with ± 0.1 dB conformity; 18-dB subsonic filter; 10 W x 2 headphone amp. Separate input selectors for main, record, and out. FR 0-50,000 Hz ± 0 , -1 dB; THD 0.001%; S/N 76 dB MC, 87 dB MM. Dimensions: 19 x 2 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in\$1,170

KENWOOD

KC-X1 THX Preamp/Tuner/Surround Processor

4 video inputs; line-level outputs for left, right, center, rear-right, rear-left, and subwoofer channels; tape-monitor loop; S-video connectors; gold-plated headphone jack; 3 switched AC outlets. Features THX certification; DSP; timbre matching; THX subwoofer crossover; quartz-synthesis tuner. Digital Dolby Pro Logic and digital Dolby 3 Stereo modes; THX Cinema mode; mono/stereo listening modes with subwoofer; auto input balance; 18-bit digital delay variable in 1-ms increments; presence-level control; test-tone generator; 6 level controls; 40 AM/FM presets; auto/manual tuning; direct access tuning; electronic tone controls; mute; on-screen displays; dot-matrix FL display; programmable remote control\$999

KINERGETICS

KSP-3 Digital A/V Preamplifier

7 audio and 6 video inputs; 2 RCA and one Toslink digital inputs. Features passive switching; four 20-bit D/A converters. Remote control\$2,995
Above, no D/A conversion or digital switching\$1,995

KPA-3 Preamplifier

7 line-level inputs; tape and processor loops; balanced and unbalanced outputs. Features Class A hybrid circuitry; JFET/bipolar design. Dimensions: 17 $\frac{1}{2}$ x 2 x 13 $\frac{1}{2}$ in\$1,795

LAMM AUDIO LABORATORY

L1 Tube Preamplifier

5 line-level inputs; 2 tape loops; balanced and unbalanced outputs; gold-plated connectors. Features Class A zero-feedback design; vacuum-tube high-voltage regulator; 2 solid-state low-voltage analog nonswitching regulators; output muting circuitry. Phase-reverse switch; tape-dubbing capability; remote turn-on/off of Lamm amplifiers. FR 3-100,000 Hz. 5-yr warranty. Dimensions: 19 x 4 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 21 lb\$5,690

LEGACY AUDIO

Legacy High-Current Preamplifier

5 line-level inputs; 1 balanced input; balanced and unbalanced outputs. Tape and external-processor switches; LED display; remote control. FR 1-100,000 Hz ± 1 dB; THD 0.001%. Satin-black brushed-aluminum faceplate. 17 x 2 $\frac{1}{2}$ x 12 in\$1,595

Legacy Preamplifier

MM phono input; 6 line-level inputs; balanced and unbalanced outputs. Parametric-EQ band designed to control standing waves; ch-sep control; cascaded bi-amp control to regulated 2nd amplifier; mono/stereo switch; tape-monitor and external-processor controls. FR 1-100,000 Hz ± 1 dB; THD 0.001%. Satin-black brushed-aluminum faceplate. Dimensions: 17 x 2 $\frac{1}{2}$ x 12 in\$1,095

LINN

Kairn Preamplifier

7 inputs including MM and MC; 3 audio outputs. Software upgradability; auto volume-level adjustment when switching sources; screened circuitry; remote-control jack for switching of other Linn products or multiroom use\$2,795

Kairn Pro. As above, without phono inputs\$2,195

LUXMAN

CL-38 Tube Preamplifier

5 line-level inputs; gold-plated connectors. Features semiconductor assisting power circuit; noise- and reduction-interference techniques; tone compensator employing vacuum tube; custom-made capacitors in signal path; carbon-coated resistors; STAR circuitry. 32-point attenuator; tape-monitor and recording controls. FR 20-100,000 Hz ± 1 dB; THD 0.12% at 1,000 Hz; S/N 98 dBA\$8,000

C-06 Preamplifier

6 inputs; balanced and unbalanced inputs and outputs. Features differential amplifier; 4-fold level control. Balance and tape-monitor/dub controls. FR 5-100,000 Hz ± 0.5 dB; THD 0.005%; signal-to-noise ratio 110 dBA\$7,000

E-06 Phono Preamplifier

MM/MC phono input. Features 4 transformers mounted on left and right channels for MC input; dual-mono construction; PC-OCC signal leads; non-magnetic chassis. Low and mid MC gain settings. THD 0.005% MM, 0.007% MC low; S/N 80 dBA MM, 76 dBA MC low, 78 dBA MC mid; ch sep 90 dB\$7,000

AT-3000 Preamplifier

4 line-level inputs; direct input; coaxial and floating-balanced-XLR outputs. Features passive design; 23-step transformer-based attenuator; nickel-Permalloy-core transformer; pure-copper inner-shield cabinet; maple-wood transformer mount; demagnetizer. FR 20-20,000 Hz ± 2 dB\$4,000

C-383 A/V Preamplifier

3 video inputs; switchable MM/MC phono input; remote turn-on/off output for Luxman amplifiers; system bus connection; gold-plated audio connectors. Features separate printed circuit boards for analog, digital, and other sections; separate analog and digital power supplies; motor-driven volume control; buffer amplifiers for each video input; STAR circuitry. Multiroom capability; record-out selector; bass, treble, and balance controls; loudness compensation; remote control. FR 20-20,000 Hz ± 0.3 dB phono, 10-100,000 Hz ± 0.2 , -0.8 dB line; THD 0.003%; S/N 91 dBA MM, 76 dBA MC, 106 dBA line. Black or champagne finish\$1,200

MARANTZ

AV-600THX THX Preamp/Tuner/Surround Processor

Left, center, right, and rear line-level outputs; composite- and S-video inputs and outputs; defeatable mono/stereo subwoofer output. Features THX specification crossover with 12- and 24-dB/oct slopes. Home THX Cinema processing; Dolby Pro Logic decoder with adjustable digital delay; surround decorrelation for enhanced spatial effect from mono surround-channel signal; timbre matching; test-tone generator with low-frequency subwoofer tone; auto input balance; adjustable input level; 30 AM/FM presets; A/V source mixing; on-screen displays; alphanumeric FL display. Dimensions: 16 $\frac{1}{2}$ x 4 x 13 $\frac{1}{4}$ in; 20 lb\$1,199

EC-500 A/V Preamp/Tuner/CD Player/Surround Processor

Line-level outputs for left, center, right, 2 surround, and mono/stereo subwoofer; composite- and S-video inputs and outputs; coaxial digital output; signal-processor loop; line-level multiroom outputs. Features CDM-12 3-beam laser mechanism. Dolby Pro Logic with adjustable digital delay; auto input balance; 30 AM/FM presets; synchro play with compatible cassette decks; record-out selector; clock/timer; on-screen displays; display with dimmer; remote control. 16 $\frac{1}{2}$ x 4 x 13 $\frac{1}{4}$ in\$1,099

AC-500. As above, without video or Dolby Pro Logic functions\$699

PH-22 Phono Preamplifier

Provides RIAA, Europe Standard Play I, Europe Standard Play II, and flat equalizations. Discrete

Class A differential-mode FETs for MM amplification; Permalloy-core transformer with OFC windings for MC amplification; infrasonic roll-off in accordance with IEC RIAA standard; isolated power supply; die-cast non-magnetic alloy chassis with copper plating. Output attenuator. Frequency response 20-20,000 Hz ± 0.5 dB. Gold finish. Dimensions: 9 3/4 x 3 3/8 x 8 1/2 in; 9.5 lb\$1,099

SC-22 Preamplifier

4 line-level inputs; tape loop; normal and phase-inverted outputs. Features straight-line circuit topology; discrete Class A signal routing; low-pass filter in Input stage to remove digital noise; Permalloy balanced output transformers; toroidal power supply with damped mounting; shielded OFC wiring; double-plated glass-epoxy circuit boards. FR 20-20,000 Hz ± 1 dB; THD 0.03%; S/N 105 dBA. Gold finish. 9 3/4 x 3 3/8 x 8 1/2 in; 9.2 lb\$999

AV-500 A/V Preamplifier

8 gold-plated RCA audio inputs; 4 gold-plated RCA video inputs; 4 S-video inputs; front-panel composite/S-video A/V input; 4 gold-plated RCA audio outputs; 3 gold-plated RCA video outputs; 3 S-video outputs; 3 gold-plated RCA line-level outputs for front, center, and surround; 1 unswitched and 2 switched AC outlets. Features motor-driven volume control. Dolby Pro Logic decoder; auto Input balance; matrix, movie-surround, 3-ch logic, and 2 concert-hall surround modes; adjustable digital delay; movable digital color PIP for 2 video sources; Dolby test-tone generator; simulcast capability; audio and video dubbing capabilities; switchable 3-, 5-, or 7-dB bass boost at 70 Hz; mute switch; on-screen displays; defeatable FL dot-matrix display; remote control. 17 1/2 x 3 3/8 x 13 1/2 in\$699

SC-80 Preamplifier

MM/MC phono input; 4 line-level inputs; 2 tape loops; normal and phase-inverted outputs; signal-processor loop; RC-5 remote-control interface. Features Class A design; all-discrete primary signal path; balanced output coupling via impedance-matching transformers; 12 microprocessor-controlled gold-plated relays for source switching; source-direct mode; motor-driven volume control. Defeatable narrow-Q bass and treble controls; record-out selector; remote control. FR 20-20,000 Hz ± 0.2 dB phono, 10-40,000 Hz ± 0.1 dB line; S/N 75 dB MC, 91 dB MM, 95 dB line; THD 0.015% line. Gold finish with die-cast alloy side panels. 17 1/2 x 4 1/4 x 14 1/4 in\$599

MARK LEVINSON

No. 38S Preamplifier

Two balanced and four single-ended inputs; balanced and single-ended outputs. Features fully balanced circuitry from Input to output; surround sound processor mode integrates with home theater systems. Full feature remote; volume control with 1 part per 1000 precision; easy to read display; communicates with other Mark Levinson products\$6,495
No. 38. As above, specified to deliver lower sonic performance\$3,995

MBL

Model 6010c Preamplifier

5 unbalanced inputs; 2 balanced and 2 unbalanced outputs; 2 tape outputs; headphone jack. Features modular design accepting slide-in options (below). FR 0-600,000 Hz; THD 0.004%. Dimensions: 21 x 9 1/2 x 12 in; 71 lb\$9,712

Input Group B. Slide-in option provides duplicate set of inputs and input options\$4,398

Measuring Module. Slide-in option providing 4-digit LCD level display\$1,175

Wireless remote control\$1,210

MC phono input\$1,050

Output Group II. Slide-in option providing duplicate set of outputs for bi-amplifying\$988

MM phono input\$789

Remote-control transmitter\$495

Balanced input\$384

CD-direct Input\$384

Model 5010c Preamplifier

5 unbalanced inputs; 2 balanced and 2 unbalanced outputs; 2 tape outputs; 2 switchable discrete outputs; headphone jack with volume control. Wireless remote control. metal potentiometer, balanced input, CD-direct Input, MM phono input, or MC phono input optional. FR 0-400,000 Hz; THD 0.002%. 17 1/2 x 4 x 10 in; 26 lb\$4,235

Model 4004 Preamplifier

5 inputs; balanced output; 2 switchable unbalanced outputs; 2 tape outputs. Remote control. Remote transmitter, balanced input, CD-direct input, MC phono input, MM phono input, or MM/MC phono input optional. FR 0-400,000 Hz; THD 0.002%. 17 1/2 x 3 1/2 x 10 in; 22 lb\$2,150

MCCORMACK

ALD-1 Preamplifier

5 buffered inputs; balanced output; normal and inverted unbalanced outputs; 2 tape loops. Tape-dubbing capability. Phono stage or external power supply optional\$1,745

TLC-1 Preamplifier

5 buffered inputs; 2 buffered tape loops; buffered output\$995

Micro Line Drive Preamplifier

3 inputs; tape loop; one active and one passive outputs. Adjustable gain\$595

Micro Phono Drive Phono Preamplifier

One input; one output. Adjustable gain and cartridge loading\$495

MCINTOSH

C40 Preamplifier

8 audio inputs; MM phono input; one balanced-input pair; balanced outputs. Features 20-W/ch monitor amp with protection; logic-driven electromagnetic switching. 5-band EQ; listen and record selectors. FR 20-20,000 Hz -0.5 dB; THD 0.002% from 20-20,000 Hz; S/N 90 dB phono, 105 dB line. 17 1/2 x 5 1/2 x 17 1/2 in; 26 lb\$3,000

C39 A/V Preamplifier

S-video input. Dolby Pro Logic decoder; ability to control one remote zone; interface with CR10 remote-control system to add up to 4 additional zones; A/V switching; remote control. THX-M module for THX processing optional. FR 20-20,000 Hz -0.5 dB. 17 1/2 x 7 1/2 x 17 1/2 in, 30 lb\$3,000
MX130. As above, with AM/FM tuner. 8 AM and FM

presets\$3,600

MX118 A/V Preamplifier/Tuner

Dolby Pro Logic decoder; interface with CR10 remote-control system to add up to 4 additional zones; A/V switching; remote control. FR 20-20,000 Hz -0.5 dB. 17 1/2 x 5 1/2 x 17 1/2 in; 25 lb\$2,600

C38 Preamplifier

Ability to control one remote zone; interface with CR10 remote-control system to add up to 4 additional zones; ability to receive infrared signals from front panel, wall-mount sensor, or WK-2 wall-mount keypad; remote control. MVS-3 A/V selector for control of 5 additional audio, video, or S-video inputs or HC-1 accessory controller optional. FR 20-20,000 Hz -0.5 dB. 17 1/2 x 5 1/2 x 17 1/2 in; 20 lb\$2,000

C712 Preamplifier

8 audio inputs; signal-processor loop. Features logic-driven electromagnetic switching. Tape-monitor switches; remote control. FR 20-20,000 Hz -0.5 dB. 17 1/2 x 3 3/8 x 17 1/2 in; 15 lb\$1,300

MELOS

MA-333(B) Tube Preamplifier

Balanced input; balanced and unbalanced outputs. Features dual-mono design; all balanced circuitry; separate power-supply chassis\$3,695
MA-333. As above, no balanced input\$2,895

MA-333 Phono Tube Preamplifier

Phono input; balanced and unbalanced outputs. Features dual-mono design; all balanced circuitry; separate power-supply chassis\$2,495

MA-220 Tube Preamplifier

Balanced or unbalanced outputs. 2-chassis design; fully balanced circuitry. Phase-reverse switch\$2,095

SHA-Line B Tube Preamplifier

6 inputs; standard and passive outputs; balanced output; tape-monitor loop; headphone jack. Features copper-clad high-density steel covers; 3/8-in machined faceplate; triode fully balanced circuitry; separate regulated power supplies; mil-spec components throughout; Tiffany connectors; proprietary Teflon-insulated wiring. Balance control; remote control\$1,995
SHA-Line. As above, no balanced output\$1,795

MA-220 Phono Tube Preamplifier

MM/MC phono input; balanced or unbalanced outputs. 2-chassis design; fully balanced circuitry\$1,395



McIntosh MX118

MA-111B Tube Preamplifier

6 inputs; phono input; 2 outputs; tape-monitor loop; gold-plated RCA connectors. Features separate power-supply chassis; triode phono amplifier; Alps and Noble volume and balance controls; silver-plated switch contacts\$1,395
MA-110B. As above, without phono input\$1,195

SHA-1 Headphone Tube Preamplifier

2 line-level inputs; 1 line-level output; 2 headphone outputs; Sound Connection connectors. Designed for Joseph Grado Signature headphones. Class A operation; zero feedback amplification; direct-coupled impedance-matched output-stage circuitry; toroidal transformer\$1,095

MERIDIAN

Model 562V Digital A V Preamplifier

7 analog inputs; 6 composite- and 2 S-video inputs; 3 composite- and 3 S-video outputs; 5 coaxial digital inputs; 2 fiber-optic digital inputs; 2 analog tape outputs; 2 coaxial digital outputs; 1 fiber-optic digital output; RS-232 control interface. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. Card for one variable main analog output and 2 fixed tape outputs optional. 12% x 3 1/2 x 13 in\$1,550

Model 501V A V Preamplifier

6 analog inputs; 6 composite- and 2 S-video inputs; 3 composite- and 3 S-video inputs; 2 main and 2 tape outputs. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. 12% x 3 1/2 x 13 in\$1,450
Model 501. As above, no video section\$995

Model 562 Digital Preamplifier

7 analog inputs; 5 coaxial digital inputs; 2 analog tape outputs; 2 coaxial digital outputs; RS-232 control interface. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. Card for one variable main analog output and 2 fixed tape outputs optional. 12% x 3 1/2 x 13 in\$1,195

MICHAEL GREEN DESIGNS

MGD-BL2 Preamplifier

Line-level. Features resonance-tunable chassis; optional phono stage. FR 0.1-200,000 Hz ± 1.0 dB; THD 0.1%\$1,750

MTX SOUNDCRAFTSMEN

P100 Preamplifier

5 line-level RCA inputs; switched and unswitched AC outlets. Features digital CMOS switching. THD 0.008%; S/N 100 dBA. 17 x 1 1/4 x 10 1/2 in\$400
P100PRO. As above, rack mount. Dimensions: 19 x 1 1/4 x 10 1/2 in\$500

MUSE

Model One Preamplifier

Three line-level and one phono inputs; tape loop. Features power supply housed in separate chassis from audio circuitry, with 12-ft umbilical cord between components; inherently regulated power supply utilizing a 550 VA transformer and 10,000 μ F filter capacitors; each channel of phono stage and line amplifiers are independently filtered and regulated. Seven toggle switches and one rotary potentiometer on front panel, including selectors for active/passive modes and absolute polarity. Frequency response 7-1,400,000 Hz ± 0 , -3 dB; total harmonic distortion 0.05% line, 0.2% phono; signal-to-noise ratio -96 dBA line, -73 dBA phono; channel separation 80 dB\$2,500

MUSEATEX

AVC-1 A V Preamplifier

4 composite/S-video A/V inputs; 2 audio and 2 A/V tape loops; balanced and unbalanced outputs. Remote control\$1,999

MUSICAL DESIGN

SP-2 Tube Preamplifier

6 inputs; tape output; 2 main outputs; gold-plated Teflon-insulated RCA jacks. Features vacuum tubes in single-stage no-feedback configuration; one push-pull gain stage; 30-second turn-on delay; anodized-aluminum front panel. Switchable source-direct mode; mono/stereo and mute switches\$995

MUSIC REFERENCE

RM-5 MkIII Tube Preamplifier

MM/MC phono inputs; 4 line-level inputs; 2 main-output pairs. Features three 6922 vacuum tubes. Auto muting circuit; tape-dubbing capability\$1,310
 With graded 6DJ8 vacuum tubes\$1,250

RM-4+ Phono Preamplifier

MM input. Features passive RIAA equalization. Auto muting; adjustable gain and load impedance. S/N 87 dBA\$950

RM-4C Tube Phono Preamplifier

MC input. Auto muting; adjustable gain and load impedance. S/N 90 dBA\$750

NAD

Model 917 A/V Preamp/Tuner/Surround Processor

Seven line-level inputs including three video; 10 line-level, low-impedance outputs including center, rear subwoofer and multiroom channels, plus video and monitor; all video inputs and outputs have double terminals giving option of RCA composite or S-VHS connections. Features state-of-the-art decoder chip sets with higher overload margins, lower cross-talk, and less noise to retain full clarity and transparency for all channels; NAD-Link, Dolby Pro-Logic, stadium, hall, and club sound modes; NAD system remote control compatible with most NAD tape decks and CD players; controls for treble, bass, bass EQ, and tone defeat; on-screen display works with any TV standard; 3-position subwoofer output switch; forty tuner presets, programmable with FM and AM stations in any sequence; indicators for signal strength and center tune. FR 20-20,000 Hz ± 0.3 dB; THD 0.01%; S/N 88 dBA. FM: S/N 82 dB mono, 75 dB stereo; THD 0.1% mono, 0.15% stereo at 100% modulation. 17 1/2 x 4 1/4 x 14 in\$799

Monitor Series

Model 106 Preamplifier

5 line-level inputs; switchable MM/MC phono inputs; gold-plated connectors; balanced XLR outputs. Features discrete phono stage; metal-film resistors. Defeatable tone controls; power-on muting; discrete headphone amp. FR 20-20,000 Hz ± 0.2 dB; THD 0.01%; S/N 76 dB phono, 96 dB line. 16 x 3 1/4 x 10 1/2 in; 8 lb\$599

Model 1600 Preamplifier/Tuner

5 line-level inputs; MM/MC phono input; gold-plated phono and CD inputs; signal-processor loop. Features FM blend; infrasonic filter. 14 AM/FM presets; bass EQ; 2-way tape dubbing; defeatable tone controls; rack mounting; remote control. FR 20-20,000 Hz ± 0.3 dB; THD 0.01%; S/N 75 dB phono, 100 dB line. FM: cap ratio 1.6 dB; all-ch sel 68 dB\$449

Model 1000 Preamplifier

5 line-level inputs; MM/MC phono input; gold-plated phono and CD inputs; signal-processor loop; balanced output; headphone jack. Features switchable infrasonic filter. Bass EQ; tape-dubbing capability; defeatable tone controls; headphone amp; rack mounting. FR 20-20,000 Hz ± 0.2 dB; THD 0.01%; S/N 76 dB phono, 96 dB line. 17 1/4 x 3 1/4 x 10 1/2 in; 8 lb\$349

NAIM

NAC 82 and NAC 72 require power from either an optional Naim power amplifier with a preamp power supply or an optional Hi-Cap external power supply (available for \$1,250).

NAC 52 Preamplifier

Features separate power supply; dual-mono design; motor-driven volume control; separate power supply for each section. LED indicators; remote control. 16 1/4 x 3 x 11 1/4 in\$10,000
NAR. Remote control\$375

NAC 82 Preamplifier

6 line-level inputs. Features regulated power supply for control circuits in separate chassis. Mute/monitor switch; listen/record selectors; remote control. Phono stage optional. 17 x 3 x 12 in\$4,000

NAC 72 Preamplifier

4 line-level inputs. Features matched time-aligned filter. Mute monitor switch. 11 1/4 x 3 x 8 in\$1,300

NAC 92 Preamplifier

1 line-level RCA input; 4 line-level DIN inputs. Tape monitor controls; balance control. Phono stage optional. 17 1/4 x 2 1/4 x 12 in\$800

Phono Stages

NA522. For NAC 52, 82, and 92; MM\$155
NA523. For NAC 52, 82, and 92; MC\$155
NA332. For NAC 62, 72; MM\$115
NA323. For NAC 62, 72; MC\$115

NAKAMICHI

CA-7A Preamplifier

6 line-level inputs; MM/MC phono inputs; 2 main outputs. Features separate digital and analog sections; isolated ground technology; multiroom remote control with RS-7 infrared sensor. FR 1-100,000 Hz -3 dB; THD 0.002%; S/N 94 dBA. 17 1/2 x 3 1/4 x 12 1/2 in; 15.3 lb\$2,950

CA-5All Preamplifier

5 line-level inputs; MM/MC phono inputs; gold-plated connectors. Features multiregulated isolated-ground power supply; bipolar transistors; FETS. Tape-dubbing capability; balance and tone controls. FR 1-100,000 Hz ± 3 dB; THD 0.002%; S/N 95 dBA. 17 1/2 x 2 1/2 x 11 1/4 in; 11.3 lb\$1,250

OCM TECHNOLOGY

The following come with a 5-yr warranty. All components feature double-sided printed circuit boards with all critical points of conductivity gold-plated or soldered.

Model 88 Preamplifier

6 stereo line-level unbalanced gold-plated RCA inputs (including monitor) or 5 unbalanced gold-plated RCA inputs and CD balanced XLR input; 2 unbalanced stereo gold-plated RCA, 1 balanced stereo XLR main outputs, and 1 unbalanced stereo gold-plated RCA tape output. Class A circuitry; discrete ladder logic array of precision metal film resistors 32 step for volume control. Remote control and front panel input selections for listening and recording CD, tuner, phono/aux, tape, VCR, monitor, power, mute, volume. 17-in wide chassis optional. FR 20-20,000 Hz ± 0.1 dB; THD 0.05%. 19 x 3 1/2 x 10 1/2 in; 16 lb\$2,195

Model 55 Preamplifier

5 stereo line-level unbalanced gold-plated RCA inputs; 2 unbalanced stereo pair gold-plated RCA main outputs, 1 stereo pair XLR main output, unbalanced stereo pair gold-plated RCA tape outputs. Front panel controls for listen, record, volume, balance. One balanced main output optional; 17-in wide chassis optional. FR 20-20,000 Hz ± 0.1 dB; 10 lb\$1,395

Model 10 Phono Preamplifier

1 stereo gold-plated RCA input. Internal sockets for plug-in resistors or capacitors allowing adjustment. Subsonic filters and mute controls. FR 20-20,000 Hz RIAA ± 0.1 dB. 19 x 2 1/2 x 12 in; 10 lb\$1,195

ONIX

OA-24 Preamplifier

MM/MC phono input. Requires SOAP2 power supply

or supply from OA-401 amplifier. FR 4-69,000 Hz -3 dB line; S/N 93 dB line. 9 x 3 x 1 1/2 in; 4 lb . . . \$795

ONKYO

Integra P-388F Preamplifier

9 line-level inputs; MM/MC phono inputs; balanced CD input; 2 tape loops; balanced outputs. Features multiple-stage balanced design; transformer designed to prohibit electromagnetic interference; motor-driven volume control. Record-out selector; remote control. THD 0.0005% line; S/N 81 dB MC, 92 dB MM. 18 x 3 1/2 x 16 1/2 in; 19.6 lb . . . \$1,245

Integra P-304 Preamplifier

8 inputs including MM/MC phono. Features all-discrete signal path; in-phase signal filters; FET phono stage. Two record-out selectors; direct tone controls; side panels. THD 0.0005% line; S/N 81 dB MC, 92 dB MM. 18 1/2 x 4 x 15 1/2 in; 17 lb . . . \$559

P-301 A/V Preamplifier

7 audio and 2 video inputs; MM phono input. Features source-direct mode; motor-driven volume control. Tone control; video-dubbing capability. FR 15-30,000 Hz ±1 dB; THD 0.009% line; S/N 92 dB MM. 18 x 4 1/2 x 12 1/2 in; 9 lb . . . \$289

PARASOUND

P/LD-1500 Line-Drive Preamplifier

Balanced-XLR outputs; gold-plated jacks. Features Class A line-drive design; MOSFET drivers; DC servo coupling; dual mono topology; regulated power supply; 1% metal-film resistors and polystyrene/polypropylene capacitors; direct input circuit; CMOS input switching; 180° polarity inversion switch. FR 5-135,000 Hz -2 dB at full output; S/N 102 dBA . . . \$850

PERREUX TECHNOLOGIES

Reference Series

SM-6 Preamplifier

6 line-level inputs; balanced and unbalanced main outputs; separate record output. Features Class A circuitry; toroidal transformer; regulated power supply; shorter signal paths. Remote control. FR 10-65,000 Hz ±0.4 dB; THD 0.001%. 19 x 3 1/2 x 12 1/2 in; 17 lb . . . \$2,495

SM-5. As above, no balanced outputs or remote control. 19 x 2 1/2 x 12 1/2 in; 16 lb . . . \$1,995

E-Series

EP-4 Preamplifier

MM/MC phono, 6 line-level inputs; two tape loops. Features toroidal transformer; shortened signal paths. Remote control. FR 20-50,000 Hz ±0.03 dB; THD 0.008%. Black satin finish. Dimensions: 17 x 2 1/2 x 13 in; 10 lb . . . \$1,095

EP-3. As above, no remote control. 9 lb . . . \$895

PIONEER

Elite Series

C-72 A/V Preamplifier

4 audio inputs; MM/MC phono input; video inputs. Bass and treble controls. FR 20-20,000 Hz ±0.2 dB MM. 20-20,000 Hz ±0.3 dB MC, 1-150,000 Hz f3 dB line; THD 0.002% from 20-20,000 Hz; S/N 93 dB MM, 76 dB MC, 106 dB line. 18 1/2 x 6 1/2 x 16 1/2 in . . . \$850

PROCEED

PAV THX A/V Preamp/Surround Processor

4 audio/video and 6 audio only inputs (2 XLR, 4 RCA); composite and S-video supported; 2 sets of balanced outputs; infrared input jack. Features THX, Dolby Pro-Logic, and stereo surround modes; independent signal paths for main, remote, and record. Learning remote; on screen programming . . . \$4,195

PRE Preamplifier

2 balanced and 4 unbalanced inputs; balanced and unbalanced outputs. Features independent, buffered main and record signal paths; surround-sound processor mode; remote turn-on trigger for power

amplifiers; programmable remote control . . . \$2,500

PROTON

AP-2000 Preamplifier

6 inputs; MC phono input; subwoofer output; gold-plated RCA inputs. Features subwoofer crossover switchable at 75 or 150 Hz. Separate listen and record selectors; bass and treble controls; remote control. FR 20-20,000 Hz ±5 dB; THD 0.02%; S/N 95 dB. 16 1/2 x 3 1/2 x 14 1/2 in . . . \$300

PS AUDIO

Reference Link Dgital Preamplifier

Coaxial, AES/EBU, AT&T ST, and Toslink digital inputs; 5 line-level analog inputs; two tape-monitor loops; digital tape-monitor loop; 2 RCA output pairs; 2 balanced-output pairs; gold-plated connectors. Features UltraAnalog-based 20-bit D/A converter and 18-bit A/D converter. Remote control with volume, balance, source-select, phase-reverse, and mute controls. FR 20-20,000 Hz ±0.3 dB; THD 0.01%; S/N 98 dB. 17 x 3 1/2 x 16 1/2 in . . . \$4,795

PS 7.0 Preamplifier

6 RCA input sets; balanced input; RCA output set; balanced output. Features direct coupling. Remote control with volume, balance, source-select, and mute controls. FR 20-20,000 Hz ±0.01 dB; THD 0.03%; S/N 90 dB. 17 x 2 1/2 x 9 in . . . \$1,195

PS 5.7 Preamplifier

MM/MC phono inputs; gold-plated connectors. Designed as PS 6.2 and PS Phonolink in single chassis. Features military-grade glass-epoxy circuit board; regulated diode-isolated power supply; passive phono EQ. Straight-wire and bypass switch. FR 20-20,000 Hz ±0.1 dB; THD 0.1%; S/N MM 85 dB, MC 74 dB. 17 x 2 1/2 x 9 in; 14 lb . . . \$995

PS 6.2 Preamplifier

6 RCA inputs; 4 RCA outputs. Features active/passive operation. Defeatable balance and tape-monitor circuits. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 17 x 2 1/2 x 9 in; 14 lb . . . \$795

PS Phonolink Phono Preamplifier

MM/MC input; gold-plated connectors. Features passive EQ. Front-panel switching for cartridge loading. FR 20-20,000 Hz ±0.25 dB; THD 0.1%. Dimensions: 17 x 2 1/2 x 9 in . . . \$795

PSE

PDL-1 Tube Preamplifier

Features hybrid tube/solid-state design. Backlit LCD; balance, tone, mono/stereo, mute, standby, and display-intensity controls; remote control. Tube MM/MC phono stage or digital-input stage optional. 17 x 4 x 12 in; 17 lb . . . \$2,475

Studio SL Preamplifier

6 inputs; switchable MM/MC phono input; balanced and unbalanced outputs. Features discrete Class A FET design; separate regulated power supplies for phono and line stages; aluminum chassis. Selectable phono-input impedance; record-out selector; phase-reverse switch; balance control. Rack mount optional. 18 x 1 1/2 x 8 1/2 in; 6 lb . . . \$950
Without phono stage . . . \$850

PYRAMID

PR2500 Preamplifier

Four line-level and phono RCA input jacks; RCA play/output jacks; 1/4-in microphone input jack. Designed for rack mounting. LED power on indicator; bass, mid, treble, loudness controls; high/low filter switch; stereo/mono switch; 110/220 V AC switchable. 19 x 2 1/2 x 8 1/2 in . . . \$160

QUAD

The following feature a tilt control that adjusts FR slope in seven 1-dB steps.

Quad 66 Preamplifier

7 inputs. High-frequency filter with 7,000- or 5,000-Hz rolloff; bass control with rolloffs at 50 and 200 Hz; remote control. FR 30-20,000 Hz ±0.5 dB phono, 15-20,000-Hz ±0.2 dB line; THD 0.05%; S/N 75 dB. 12 1/2 x 3 1/4 x 18 in; 7.5 lb . . . \$1,599

Quad 34 Preamplifier

4 Inputs. 3 push-button filters; bass control . . . \$749

QUICKLINE

PA-4 Phono Preamplifier

Stand-alone Class A phono amplifier Features external power supply chassis with 100-VA toroidal transformer; regulated output; epitaxial rectifiers; detachable IEC power cord. Total power supply filter capacitance; second power supply regulation circuit; dual mono audio circuit cards; selectable cartridge loading resistors; non-inverting polarity output. Sonically matched to Quickline Non-active Control Centers (see below). S/N 90 dBA MM, 75 dBA MC. Comes with PSU-1 external power supply . . . \$1595

CC-1 Non-Active Control Center

Full function passive input control center. Features TSL-A47 volume attenuator; TBL-24 balance attenuator; Tiffany RCA chassis connectors. Inputs: phono, CD, tuner, tape 1, tape 2, aux. Outputs: 2 main, tape 1, tape 2. . . . \$1295

CC-2 Non-Active Control Center

Full function passive input control center. Features TSL-A47 volume attenuator; Tiffany RCA chassis connectors. Inputs: phono, CD, tuner, tape 1, aux. Outputs: main, tape 1, tape 2. . . . \$895

CC-3 Non-Active Control Center

Single source passive input control center. Features TSL-A47 volume attenuator and mute toggle. Line input, main output only . . . \$495

QUICKSILVER

Quicksilver Tube Preamplifier

6 audio inputs; output imp 12.5 ohms; bandwidth 1-650,000 Hz; THD 0.001%. Dimensions: 17 x 11 x 5 1/2 in; 21 lb . . . \$1,995

Moving Coil Phono Transformer

23 dB gain; bandwidth 1-100,000 Hz; max output 2.8 V. 1 1/2 x 2 1/2 x 5 in; 3 lb . . . \$365

RANE

PS1 Phono Preamplifier

Designed for remote turntable locations. Terminal-strip and RCA outputs. Features external power supply; 18-dB/oct rumble filter at 15 Hz. Selectable 100-, 250-, or 450-pF cartridge loading. FR IIAA ±0.1 dB; S/N 84 dB; ch sep 80 dB at 1,000 Hz . . . \$189

ROTEL

RHA10 Preamplifier

5 inputs; 2 buffered tape loops. Separate listen/record controls; remote control. FR 4-100,000 Hz ±0.1 dB, -0.3 dB; THD 0.004%. Dimensions: 18 1/2 x 3 x 13 1/2 in . . . \$1,800

RC-990BX Preamplifier

6 inputs; MM/MC phono input; dual outputs; headphone jack. Features discrete line-level stage. Remote control. 17 1/2 x 2 1/2 x 12 1/2 in . . . \$750

RC980BX Preamplifier

6 Inputs; MM/MC phono input; headphone jack. Features high-frequency passive and low-frequency active EQ; direct signal paths. FR 20-20,000 Hz ±0.2 dB phono, 4-100,000 Hz +0.5, -3 dB line; THD 0.004%. 18 x 2 1/2 x 17 1/2 in . . . \$550

RTC-940AX Preamplifier/Tuner

4 inputs; signal-processor loop; headphone jack. Features motor-driven volume control. Mute/mono switch; 16 AM/FM presets; tone defeat; remote con-

trol. 17% x 3% x 11% in\$450

RC970BX Preamplifier

5 inputs; dual outputs; 2 tape loops; headphone jack. Tone defeat. FR 4-100,000 Hz -3 dB; THD 0.004%. 17% x 2% x 12% in\$280

RQ970BX Phono Preamplifier

MM/MC phono inputs. FR 20-20,000 Hz ±0.2 dB; S/N 75 dB MM, 70 dB MC. 17% x 2% x 7% in\$200

SONOGRAPHIE

SC25 Preamplifier

6 line-level inputs. Features FET design; zero-feed-back circuitry; discrete power-supply regulation. FR 5-100,000 Hz ±0.5 dB; THD 0.1%. Dimensions: 17 x 11% x 2% in\$795

SC22P. Phono stage for above. Features discrete FET circuit\$200

SONY

ES Series

TA-E90ES Preamplifier

7 audio inputs including MM/MC phono; balanced-XLR analog inputs and outputs; front-panel headphone jack. Features dual-mono design, MOSFET output stage, muting switch. FR 20-20,000 Hz ±0.2 dB phono, 3-300,000 Hz -3 dB line; S/N 85 dB MC, 95 dB MM, 105 dB line. 17 x 7% x 17% in; 22.7 lb ...\$1,800

TA-ES2000ESD A/V Preamp/Surround Processor

5 audio inputs including phono; 7 A/V inputs including 3 S-video inputs, 3 VCR loops, and front-panel S-video input; 1 coaxial and 2 fiber-optic digital inputs; fiber-optic digital output; 2 subwoofer and 2 center-channel outputs; 3 switched and 1 unswitched AC outlets. Features DSP with pulse A/D conversion, 1-bit D/A, 45-bit digital filter, and auto sampling-rate switching; digital ch-sep control; source-direct switch. Dolby Pro Logic decoder; 10 factory and 10 user sound-field presets; 10 adjustable sound-field parameters; 3-band digital parametric EQ with 91 center frequencies, 16 slopes, and ±12 dB boost/cut in 0.1 dB increments; independent EQs for front, center, and rear channels; digital dynamic-range compression/expansion; record-out selector; programmable A/V remote control. FR 20-20,000 Hz ±0.2 dB phono, 10-20,000 Hz ±0.1 dB line; THD 0.004% at 1,000 Hz. Simulated-wood side panels. 15% x 5% x 14% in; 18.8 lb\$1,250

SOUNDSTREAM

C2 THX Preamp/Surround Processor

6 A/V inputs including 2 S-video; front, center, L/R side, and L/R back line-level outputs; 3 front subwoofer outputs; surround subwoofer output. THX-certified processing; hybrid analog and digital surround circuitry; 12-dB/oct surround-subwoofer crossover at 80 Hz; defeatable 12-dB/oct high-pass and 24-dB/oct low-pass THX filters at 80 Hz. 10 processing modes; 2nd-room listen/record capability; bass control at 40 Hz; 4 theater and 7 music-processing modes; set-up and R2 universal remote controls. Includes Lucasfilm Wow! calibration videodisc. THD 0.05% main channels, 0.1% surround channels; S/N 95 dBA. 17% x 3% x 15 in; 16 lb\$2,995

SOUND VALVES

VTP-100 Tube Preamplifier

6 line-level inputs; phono input; EQ input; 4 line-level outputs; EQ output. Controls: A-Taper detent volume; balance; input select; monitor; tape dub. Phono pre-amp section: FR 20-20,000 Hz +0, -0.2 dB; THD 0.009%; S/N 90 dB. Line amp section: FR 20-20,000 Hz +0, -0.1 dB; THD 0.006%; S/N 95 dB; ch sep 72 dB at 1,000 Hz and 42 dB at 20,000 Hz. 3-yr limited parts and labor warranty. 17 x 3% x 10% in; 12 lb\$599

SUTHERLAND ENGINEERING

C-1001 Preamplifier

Features dual mono construction with mechanically

unified control system; separate power supply uses constant-current power delivery to remove the AC line, power supply, and interconnecting cable from the signal path; custom-machined control knobs are ball-bearing mounted. Two decade stepped attenuator. All-aluminum machined case is burnished and clear-lacquered. 9% x 3% x 16 in preamp; same size power supply\$9,500

SYMPHONIC LINE

RG 3 Preamplifier

4 line-level and 2 tape inputs; record and 2 parallel main outputs. Features pure class A operation; fully modular design via plug-in circuits; external power supply; 3 W output at 8 ohms allows up to 300-ft cable length. Turbo power supply optional\$4,250

RG 2 Preamplifier

3 line-level and tape inputs; tape monitor output. Features completely shielded power supply. Selectable MC/MM phono\$2,495

THRESHOLD

T2 Preamplifier

Fully balanced differential line stage preamplifier. Remote control volume, balance, source select, and mute functions. Features digitally manipulated micro-processor-based analog volume attenuator. Controls L channel + and -, and right channel + and - simultaneously; outboard power supply with 150 W toroidal transformer. 75,000 mF of filter capacitance; discrete regulators; separate supplies for analog and digital. FL display: 2 sets balanced, 6 sets unbalanced line inputs; balanced XLR output, unbalanced RCA output. Distortion less than 0.002%; S/N 118 dB; FR 0-100,000 Hz -5 dB\$5,250

T3 Preamplifier

Remote control line level preamplifier based on the T2. Balanced inputs and outputs. Gain performed in unbalanced mode using T2 circuitry; infrared remote controls volume, sources, and mute. Outboard power supply; gold-plated input and output jacks; pure Class A discrete signal path. Direct coupled input to output. 5 line-level unbalanced inputs; 1 balanced input. Distortion less than 0.005%; S/N 100 dB; FR 0-125,000 Hz -1 dB\$2,250

FET 10/e Phono Preamplifier

FET phono preamplifier. Outboard power supply: totally discrete, Class A design. Balanced XLR and unbalanced RCA outputs; MM/MC gain settings; selectable impedance and capacitance values. S/N 85 dB MM, 74 dB MC; FR RIAA ±0.25 dB\$2,500

VAC

CPA1 MkII Tube Preamplifier

6 line inputs, low-noise dual cascode MC/MM phono inputs; tape loop; buffered tape and 2 main outputs. Features all Class A triode tube design; hard wired; separate, fully regulated power supply; non-magnetic chassis. Selectable passive-buffered line stage mode; adjustable phono impedance, capacitance, and gain; stepped volume attenuators. Balanced output optional. Frequency response 6-90,000 Hz. 6 x 18 x 13% in; 25 lb main unit. 6% x 7 x 12% in; 25 lb power supply\$4,390

CLA1 MkII. As above, line section only\$3,290

CPP1 MkII Tube Phono Preamplifier

As CPA1 Mk II above, without line section. Features high gain (68 dB) all triode design; suitable for MC cartridges as low as .25 mV. Adjustable input capacitance, impedance, and gain\$3,390

Vintage Mk II Tube Preamplifier

5 line inputs, phono input; tape loop; 2 main outputs. Features all Class A triode tube design; non-magnetic chassis. Defeatable tape outputs. Tube cage and balanced outputs optional. Dimensions: 6% x 18 x 14 in; 30 lb\$2,490

Vintage Line Stage Mk II. As above, without phono stage. 6% x 18 x 9; 27 lb\$1,890

VACUUM TUBE LOGIC

VTL PR-9 Phono Preamplifier

MM or MC phono inputs. Dual-mono construction. S/N 105 dB. 5-yr warranty\$3,950

VTL PR-1 Phono Preamplifier

4 inputs; switchable MM/MC phono inputs. Dual-mono construction. Mute switch. FR 10-200,000 Hz: THD 0.005%; S/N 97 dB. 5-yr warranty\$2,990

VTL TL-5 Preamplifier

Line stage. Separate tube regulated power supply chassis; dual-mono construction. FR 10-200,000 Hz: THD 0.005%. 5-yr warranty\$2,490

VTL TL-2 Preamplifier

4 line-level inputs, high resolution. FR 10-200,000 Hz: THD 0.007%. 5-yr warranty\$990

VTL TP-2 Phono Preamplifier

MM/MC phono input. Impedance selections of 40, 250, and 47 kilohms. 5-yr warranty\$890

WRIGHT

Listed specifications are common to the models below: FR 10-100,000 Hz ±0.5%; THD 0.02%; S/N 92 dB. Dark oak front frames and side panels. Measurements include externally-mounted 12AX7 tubes.

PLT-2 Tube Preamplifier

5 line-level inputs; 1 MM phono input; 3 tape/VCR recording outputs; surround-sound processor; multi-room line amp outputs; bypassable bass and treble controls. (Separate tube power supply with hourmeter, 18 x 5% x 8 in). 18 x 8 x 11% in\$1,250

PL-1 Tube Preamplifier

5 line-level inputs; 1 MM phono input; tape monitoring, recording switches; multiroom line amp output; choke-filtered power supply. 18 x 9% x 13 in ...\$850

LT-1 Tube Preamplifier

As above but 6 line-level inputs, no phono output or bass/treble controls\$850

LGP-1 Tube Preamplifier

6 line-level inputs; separate outputs for tube and solid-state power amps; separate channel tube power supplies; processor loop, tape monitoring, mono and mute switches. 16 x 7 x 13 in\$685

Optional multiple power amps multiroom driver \$250

YAMAHA

CX-1 Preamplifier

8 audio inputs; MM/MC phono input; gold-plated input; remote link for MX-1 or MX-2 amplifiers; headphone jacks. Features antiresonance chassis; capacitive negative-feedback amplifier circuitry; 4-gang volume control; source-direct mode; motor-driven input selector and volume control. Record-out selector; center-defeat tone controls; switchable subsonic phono filter; remote control. THD 0.002%; S/N 110 dB. 17% x 3% x 16 in; 19.3 lb\$1,199

CX-2 A/V Preamplifier

8 audio and 3 video inputs; MM/MC phono input; S-video connectors; gold-plated headphone jack; remote link for MX-1 or MX-2 amplifiers. Features antiresonance chassis; 4-gang volume control; motor-driven input selector and volume control; source-direct mode. Record-out selector; variable loudness control; center-defeat tone controls; switchable subsonic phono filter; programmable remote control. 17% x 3% x 12% in; 11.8 lb\$799

CX-630 A/V Preamplifier

6 audio and 2 video gold-plated inputs; 4 audio and 2 video outputs; 2 AC outlets. Features source-direct mode. Record-out selector; 2-VCR simultaneous-record capability; variable loudness control; switchable subsonic filter; center-defeat bass and treble controls with frequency turnover controls; remote control. 10.5 lb\$449

ACCUPHASE

DC-91 D/A Converter

8x oversampling, 20-bit D/A converter. HPC and Toslink fiber-optic digital inputs; HPC balanced digital input; coaxial inputs; balanced and unbalanced analog outputs. Phase switch; output-level control. THD 0.002% from 20-20,000 Hz; S/N 120 dB. 18 1/4 x 5 1/4 x 15 in; 49.7 lb\$13,495

ACE AUDIO

Each of the following features a shielded metal chassis, a fiberglass PC board, 1% metal resistors, polystyrene/polypropylene capacitors, and a 2-yr warranty. Custom models with different high- and low-pass slopes can be ordered.

Model 6000-6 Active Crossover

Crossover point set via plug-in module. Features 6-dB/oct slopes; polystyrene capacitors; 1% metal-film resistors\$195
 Additional frequency modules\$33
Model 6000-6-SF. Model 6000-6 with 18-dB/oct subsonic filter\$220
Model 6000-6-2. Model 6000-6 with 2 different crossover frequencies\$205
Model 6000-6-W. Model 6000-6 with low-frequency level control\$195
Model 6000-6-M. Model 6000-6 with mono low-frequency output\$195

Model 6500-DSB Active Crossover

Crossover point set via plug-in module in range from 40-199 Hz. Designed for subwoofers. Features 12-dB/oct slopes; Bessel-filter op-amp chips\$185
 Additional frequency modules\$36
Model 6500-SF. Model 6500-DSB with 18-dB/oct subsonic filter below 15 Hz\$210
Model 6500-W. Model 6500-DSB with low-frequency level control\$185
Model 6500-M. Model 6500-DSB with mono low-frequency output\$185

Model 6000 Active Crossover

Crossover point set via plug-in module in range from 200-18,000 Hz. Features 12-dB/oct slopes; Bessel-filter op-amp chips\$185
 Additional frequency modules\$36
Model 6000-SF. Model 6000 with 18-dB/oct subsonic filter below 15 Hz\$210
Model 6000-W. Model 6000 with low-frequency level control\$185
Model 6000-M. Model 6000 with mono low-frequency output\$185

ACURUS

Act I Surround Processor

Dolby Pro Logic. 3 audio, 3 video inputs. On-screen volume, balance, and switching displays\$899

ADCOM

GDA-600 D/A Converter

Dual 20-bit Burr-Brown D/A converters. 4 inputs including Toslink fiber-optic, AES/EBU XLR, and two SPDIF RCA connectors; 1 analog output; 1 digital output. Features Crystal Semiconductor receiver; Class A analog circuitry. Selectable digital-domain phase inversion. FR 0-20,000 Hz -0.5 dB; THD 0.009%; S/N 112 dB. 17 x 3 3/4 x 10 1/2 in; 12 lb\$750

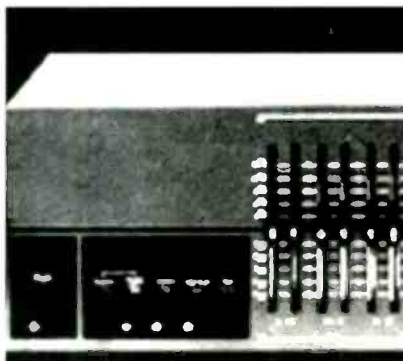
GSP-560 Surround Processor/Amp

5 channels; 5 surround modes including Dolby Pro Logic. Amplifier rated at 80 W x 1 (center) into 8 ohms + 40 x 2 (rear). Tape loop. Features motor-driven volume control. Adjustable rear-channel time delay; remote control. FR 10-20,000 Hz -0.5 dB; total harmonic distortion 0.09%; signal-to-noise ratio 100 dB. 17 x 5 1/4 x 14 1/4 in; 20 lb\$600

ARAGON

D2A MkII D/A Converter

8x oversampling, two Burr-Brown 18-bit D/A convert-



ers. 1 Toslink fiber-optic and 2 coaxial RCA digital inputs; buffered coaxial RCA digital output. Features onboard power supply; Class A design; fully discrete analog section; matched transistors; FET buffered output stage; isolation of analog and digital sections; separate DC power supply for each D/A converter; Texas Instruments oversampling filter; reclocking jitter-elimination circuit; digital components on separate circuit board enclosed within zinc-chromated shield. Remote-controlled analog-phase-reverse switch. Sampling rates 32,000, 44,100, and 48,000 Hz; THD 0.005%; S/N 110 dBA. Dimensions: 19 x 2 1/4 x 14 in; 25 lb\$1,595

ARCAM

Delta Black Box 50 D/A Converter

Burr-Brown PCM69 hybrid multiple/1-bit D/A converter. 2 gold-plated output pairs. Features 1% metal-film resistors; polypropylene capacitors; regulated power supplies; direct coupling. Coaxial and fiber-optic digital inputs. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 103 dB\$899

AUDIOCONTROL

C-131 30-Band Graphic EQ

Mono. Center frequencies 1/2-oct apart from 20-20,000 Hz; ±15 dB boost/cut. Balanced-XLR and unbalanced-RCA inputs and outputs. 18-dB/oct subsonic filter switchable at 15, 25, or 35 Hz. THD 0.002%; S/N 112 dB. 5-yr warranty\$529

C-101 10-Band Graphic EQ

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. Real-time spectrum analyzer; pink-noise generator; 18-dB/oct subsonic filter at 20 Hz; switchable fast or slow display speed; switchable 2- or 4-dB display steps; display level control; auto mic/line switching; tape EQ switch. Includes lab-grade mic. THD 0.005%; signal-to-noise ratio 120 dB. 5-yr warranty\$459

Richter Scale Series III 6-Band Bass EQ/Crossover

Center frequencies at 22.5, 31.5, 45, 63, 90, and 125 Hz; ±12-dB boost/cut. 24-dB/oct Linkwitz-Riley active crossover 2-channel stereo crossover outputs; mono and inverted-mono low-pass outputs; gold-plated connectors. Warble-tone analyzer; source/tape monitoring; low-frequency level control; 18-dB/oct subsonic filter; rumble-reduction control. Includes lab-grade mic. THD 0.005%; S/N 120 dB. 5-yr warranty\$349

Ten Plus 10-Band Graphic EQ

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. Warble-tone analyzer; 18-dB/oct subsonic filter; EQ tape switch; SPL meter with optimum-level LED. Includes lab-grade mic. THD 0.005%; S/N 120 dB. 5-yr warranty\$329

Phase Coupled Activator Series III

Bass-Restoration Unit
 Designed to restore original bass impact lost in pro-

duction processes of most program sources and movie soundtracks. Line- and speaker-level inputs. Features 24-dB/oct Linkwitz-Riley active crossover; bass time-alignment circuit. Subsonic filter. THD 0.005%; S/N 118 dB. 5-yr warranty\$299

Ten Series 10-Band Graphic EQ

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. 18-dB/oct subsonic filter; EQ tape switch. THD 0.005%; S/N 120 dB. 5-yr warranty\$229

The Architect 6-Band EQ/Optimizer

Designed for woofer enhancement/protection in in-wall and bookshelf speakers. Center frequencies at 45, 150, 300, 700, 2,500, and 12,000 Hz; ±12-dB boost/cut. Tape loop. Features programmable low-frequency filter. THD 0.005%; S/N 120 dB. 5-yr warranty\$189

Octave 10-Band Graphic EQ

Center frequencies at 31.5, 63, 125, 250, 500, 1,000, 2,000, 4,000, and 16,000 Hz; ±12-dB boost/cut. Tape loop. 18-dB/oct subsonic filter; EQ tape switch. THD 0.008%; S/N 118 dB. 5-yr warranty\$159

AUDIO DESIGN ASSOCIATES

SSD-66THX THX Surround Processor

6 channels; Dolby Pro Logic, music and film THX modes. Auto input balance; auto mono enhancement; digital volume control; 4-quadrant vector-scope volume-level indication; serial data communication port for integration with System 3000 (see Multiroom Components). 19 x 1 3/4 x 16 1/2 in\$2,999
SSD-66. As above, without THX controller\$1,799

AUDIOFILE HOME THEATER

MTVS-1 Surround Processor/Amp

Dolby Pro Logic, HALL, and MATRIX surround modes. Amp rated at 30 W x 2 (center, rear). Line-level inputs; fine, center-channel, and rear-channel outputs; tape loop; subwoofer output. Phantom center-channel mode; switchable 30/50-ms digital time delay; remote control\$230

AUDIOLAB

Model 8000D D/A Converter

20-bit upgradable Bitstream converter. 2 coaxial and 2 fiber-optic digital inputs; 2 analog and 1 digital outputs. Features auto electronic muting; 9 power supplies; multiple-layer printed circuit board; linear-phase analog output filters. Phase-reverse switch. S/N 100 dB\$1,295

AUDIO NOTE

Each of the following features 8x oversampling.

DAC4 Tube D/A Converter

Dual 20-bit Burr-Brown PCM63 D/A converters. Features silver wiring; Black Gate capacitors; no-feedback shunt-regulated push-pull output stage using one 6922 double triode per channel; separate analog and digital output supplies; copper chassis. 3-yr warranty\$7,995

DAC3 Tube D/A Converter

20-bit digital-to-analog conversion. Features 6922 vacuum tube; silver wiring; dual-duty power supply; steel chassis\$2,995

DAC2 Tube D/A Converter

20-bit J-series PCM63 D/A conversion. Features 6922 vacuum tube; 6N pure-copper wire\$1,895
DAC1. As above, lower output level\$1,195

AUDIO RESEARCH

DAC2 D/A Converter

ST-glass and Toslink fiber-optic digital inputs; BNC-coaxial and AES/EBU digital inputs; balanced-XLR and unbalanced outputs; Toslink pass-through output.

Features 3 separate power transformers fed by an internal AC power filter; multiple discrete power-supply regulators; 3-layer circuit board; analog stage with JFET transistors at input and bipolar devices at output; analog stage DC-coupled from converter. Phase-reverse switch. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 100 dB. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 12 lb\$3,495

AUDIOSOURCE

SS Three/II Surround Processor/Amp

Dolby Pro Logic, Dolby 3 Stereo, matrix, and hall modes; 30 W x 2 amp (switchable center and rear or both rear). Tape-monitor and line-level inputs; tape-in, unprocessed-line-out, center-channel, rear-channel, and tape-record-out outputs; subwoofer output with level control. Features toroidal transformer for amplifiers. Subwoofer crossover selectable at 80 or 150 Hz; tape-monitor switch; normal/phantom center-channel switch; switchable 20/30-ms digital delay; test-tone generator; level controls for center, rear, and master; 6-level LED display for front, center, and rear channels; remote control. S/N 90 dB. 16 1/2 x 2 1/4 x 9 1/4 in\$350

SS 3001. Above with one VS One center-channel speaker, two LS Ten surround speakers, interconnects, and 100-ft 18-gauge speaker cable\$480

EQ Twelve 10-Band Graphic EQ

Center frequencies at 30, 60, 120, 240, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±12-dB boost/cut. 4 inputs including 2 tape; 3 outputs including 2 tape. Pink-noise generator; spectrum analyzer with avg-output-level display; subharmonic filter; tape-dubbing capability; input-level controls; LED illuminated sliders; 19-in rack-mount panel with handles. Includes calibrated mic. THD 0.015%; S/N 98 dB. 19 x 4 1/4 x 10 1/4 in; 9.8 lb\$300

EQ Eleven. As above, without pink-noise generator, mic, or rack-mount design. THD 0.03%; S/N 85 dB. 16 1/2 x 2 1/4 x 7 in\$200

SS Four Surround Processor/Amp

Dolby Pro Logic, matrix, and hall modes; 24 W x 2 amp (selectable center and rear or both rear). Selectable normal/phantom center-channel mode; selectable 30/50-ms delay time; tape-monitor switch; test-tone generator; remote control with master, center, and rear level controls. S/N 90 dB. Dimensions: 16 1/2 x 2 1/4 x 9 1/4 in\$300

SS 4001. Above with one VS One center-channel speaker, two LS Ten surround speakers, interconnects, and 100-ft 18-gauge speaker cable\$430

EQ Eight/II 10-Band Graphic EQ

Center frequencies at 30, 60, 120, 240, 500, 1,000, 2,000, 4,000, 8,000, or 16,000 Hz; ±12-dB boost/cut. 3 inputs including tape; 2 outputs including tape. Spectrum analyzer; LED-illuminated sliders. THD 0.03%; S/N 80 dB. 16 1/2 x 2 3/4 x 7 1/4 in; 5 lb\$160

AUDIO SYNTHESIS

DA-X Pro Balanced D/A Converter

8x oversampling, dual 20-bit D/A converters. SPDIF coaxial, Toslink fiber-optic, ST fiber-optic, and AES/EBU balanced digital inputs. 3 additional inputs optional. Sampling rates 32,000, 44,100, and 48,000 Hz; THD 0.0002%; S/N 108 dBA\$4,140

DA-X. As above, no AES/EBU input\$2,995

BAG END

The following are speaker processors.

ELF-1 Dual Integrator

2 channels. Provides active equalization, filtering, and system protection. Digital parameter selection in real time via 90 DIP switches. 11 lb\$2,460

ELF-M2 Dual Integrator

2 channels. 2-channel high-pass output. Cut-off and high-pass frequencies internally adjusted via plug-in resistors; continuously variable protection threshold and gain; internal switch for stereo 2-way or mono 3-

way operation. 9 lb\$998

ELF-M. Simpler version of ELF-M2\$798

MPS-120. Power supply required for ELF-M2 or ELF-M\$18

BANG & OLUFSEN

AV7000 Surround Processor/Amp

Dolby Pro Logic mode. Integrates with all Bang & Olufsen audio systems. Front, center, rear, and subwoofer outputs. Features 60-W center-channel amplifier. Code-conversion processor for video sources; Beolink remote control programmable for video sources. Polished aluminum and glass cabinet. 16 1/2 x 3 x 12 1/4 in\$1,995

BBE

BBE ARS Sonic Maximizer

Designed to enhance midrange presence by correcting phase and amplitude distortion inherent in speakers; helps restore the sound quality of LPs and tapes. Separate bass contour; definition controls. THD 0.027%. 16 1/2 x 1 1/4 x 8 1/2 in\$229

BEL CANTO DESIGN

Aida D/A Converter

Delta-Sigma D/A conversion. Coaxial and AT&T ST inputs; balanced-XLR and unbalanced-RCA outputs. Features Class A operation; proprietary antijitter circuitry combining analog, digital, and RF circuit techniques; discrete FET clock oscillators with isolated power supplies for each sampling rate. Sampling rates 32,000, 44,100, and 48,000 Hz; THD 0.005%; S/N 120 dB. 5-yr parts-and-labor warranty. 17 1/4 x 2 1/4 x 11 1/2 in\$1,690

BITWISE AUDIO TECHNOLOGIES

Musik System 2tc D/A Converter

8x oversampling, four 20-bit linear D/A converters. BNC, RCA, ST fiber-optic, and AES digital inputs; balanced input; balanced-XLR and unbalanced-RCA outputs. Features synchronous operation mode; Class A analog output stage; Teflon-jacketed pure-silver analog-stage wiring; dual-mono analog section; jitter-reduction reclocking and noise-reduction circuits; mechanically tuned and isolated chassis; RF-isolated 6-compartment housing; dual cascaded and parallel distributed power regulation; balanced internal operation. Software upgradeability. Sampling rates 32, 44, 100, and 48,000 Hz; THD 0.001%; S/N 90 dBA\$5,950

Musik System One MkII D/A Converter

8x oversampling, dual 18-bit Burr-Brown linear D/A converters. Coaxial RCA and BNC digital inputs. Features 2-piece design with separate chassis for analog and digital sections; analog phase inversion in digital domain; separate power transformers for analog and digital circuitry; 14 separately regulated power supplies; dual-mono Class A analog circuitry. THD 0.01%; S/N 98 dBA\$2,495

Musik System Zero Plus D/A Converter

Dual 20-bit D/A converters. Glass ST digital input. Features synchronous operation mode; dual-chassis design; Class A analog output stage; distributed jitter-reduction reclocking and noise-reduction circuits; dual-mono analog design; mechanical chassis tuning and isolation; RF-isolated 2-compartment housing; dual cascaded and paralleled distributed power regulation. THD 0.01%; S/N 98 dBA\$2,150

Musik System Zero D/A Converter

8x oversampling, dual 20-bit upgradable co-linear D/A converters. Coaxial and fiber-optic digital inputs. Features Class A analog stage; dual-compartment chassis to shield and isolate digital and analog circuitry; separate transformers for digital and analog circuitry; absolute phase inversion in digital domain; analog section with cascaded power supplies and multiple-stage regulation. Total harmonic distortion 0.001%; signal-to-noise ratio 98 dBA. Dimensions: 19 x 2 1/4 x 12 in; 14 lb\$1,495

BRYSTON

The following feature a 20-year parts-and-labor warranty.

Model 10B Active Crossover

2 or 3 way. Crossover points selectable at 40, 50, 60, 70, 80, 90, 100, 200, 250, 300, 400, or 500 Hz. Features 6-, 12-, or 18-dB/oct slope, 24- or 36-dB/oct slope Linkwitz-Riley alignment in mono mode; 1% metal-film resistors; polystyrene capacitors; gold-plated switches; discrete amplification buffer and filter stages. Independently selectable low- and high-pass points; switchable filter settings, rolloff frequencies, and slopes; level controls in 1-dB increments. S/N 90 dB\$1,195

With balanced inputs/outputs\$1,350

With Linkwitz-Riley filters and custom cutoff points\$1,395

With Linkwitz-Riley filters and balanced inputs/outputs\$1,495

CALIFORNIA AUDIO LABS

Alpha Tube D/A Converter

1-bit Delta-Sigma D/A conversion. Features analog stage with two 12AX7 vacuum tubes; 18-bit resolution; jitter-reduction circuit; tube filament standby circuit. Coaxial, Toslink fiber-optic, AES/EBU balanced, and AT&T ST fiber-optic digital inputs. THD 0.02%; S/N 100 dB. 10 lb\$1,495

Sigma II Tube D/A Converter

1-bit Delta-Sigma D/A conversion. Features analog stage with one 12AX7 vacuum tube; 18-bit resolution. Coaxial and Toslink fiber-optic digital inputs. THD 0.02%; S/N 100 dB. 9 lb\$750

CAMELOT TECHNOLOGY

Arthur D/A Converter

Bitstream PDM D/A conversion. Coaxial and Toslink fiber-optic digital inputs; actively buffered coaxial digital output; RCA outputs; expansion port for upgrades or aux products. Features DC power via user-replaceable rechargeable battery; AC operation mode; independent voltage regulation for data demodulator, D/A converter, analog stage, and support devices; 2nd-order noise shaping. Phase-reverse switch. AT&T fiber-optic digital input optional. S/N 95 dB. 2-yr parts-and-labor warranty; 90-day rechargeable-battery warranty\$1,195

CARVER

DPL-20 Surround Processor

5 channels; Dolby Pro Logic, HALL, and MATRIX surround modes. Subwoofer output; tape loop. Features Analog Devices surround-decoder chip; auto balance circuit; selectable subwoofer crossover point. Two selectable rear-channel delay times; subwoofer level control; removable rack handles; remote control with master-level control. THD 0.5%; S/N 80 dBA (front, center), 85 dBA (rear, subwoofer). 19 x 2 1/4 x 11 1/4 in; 6.6 lb\$300

CELLO

Audio Palette 6-Band Graphic EQ

Center frequencies at 15, 120, 500, 2,000, 5,000, and 25,000 Hz. 1 balanced and 3 unbalanced inputs; 1 balanced and 1 unbalanced outputs. Input-level, phase, blend, and output-level controls. Required external power supply optional. THD 0.005%; S/N 80 dB. 19 x 7 1/4 x 14 1/4 in; 26 lb\$17,000

Above with only 1 balanced input. Features 2 record outputs\$15,000

Power supply\$3,000

Cart with casters designed for Audio Palette\$650

CHASE TECHNOLOGIES

HTS-1 Surround Processor

5 channels. Passive matrix design decodes Dolby Surround, Ultrastereo, and Sens-Surround. Line-level outputs for 5 channels\$100

Adcom
designed
the GSP-560
to rival any
surround sound
system on the
planet.



Perhaps w carried



A new reason to be afraid of the dark.

Crunching footsteps behind you. Laser beams shooting over your head. Just a typical night at home with Adcom's new GSP-560 Surround Sound Processor/Amplifier. At Adcom's level of critically acclaimed performance it doesn't just produce surround sound. It creates effects that are out of this world.

The GSP-560 expands your two-channel audio system into a full five/six-channel home theater. Multiple surround modes, user selectable time delay and a full-featured remote give you the control and convenience to create a sonic experience that surpasses anything you've ever heard in a movie theater.

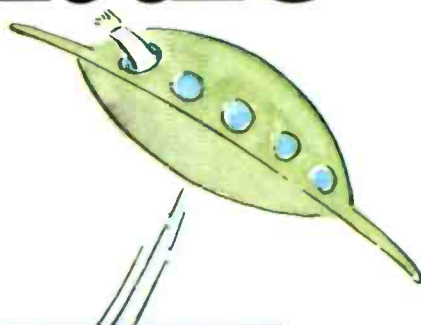
Award-winning technology takes you to the outer-limits.

The GSP-560 features a high-current 80 watt center channel amplifier and a pair of high-current 40 watt amplifiers for the rear channels. It will accurately drive the most demanding loudspeakers, even those with impedance ratings less than 2 ohms.

The GSP-560 gives you a choice of Dolby Pro Logic, Concert Hall, Nightclub, and Five-Channel Matrix



e got a little away.



surround modes
so you can select
the listening
environment that best suits
your source and your mood.

Selectable time delay lets you optimize the surround performance precisely for the acoustics of your room. Additional 5-Channel Stereo and Bypass modes assure optimum enjoyment of audio-only sources.

The GSP-560 Surround Sound Processor/Amplifier follows in the footsteps of other critically acclaimed Adcom components. Its award-winning, life-like sound captures the attention of audio/video lovers throughout the universe.

Surround yourself now at your Adcom dealer.

Preview the new GSP-560 at your authorized Adcom dealer today, but be careful, you might want to leave the lights on.

ADCOM[®]

details you can hear

11 Elkins Road, East Brunswick, NJ 08816 U.S.A. (908) 390-1130.
Distributed in Canada by PRO ACOUSTICS INC. Montréal, Québec (514) 344-1226
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COGENT

Polyphonic Isolators

The following are signal processors that extract 3 or 4 channels of spatial information from any 2-channel source. Each features direct-coupled phase-coherent circuitry, gold-plated RCA connectors, a gold-contact switch, 1% metal-film resistors, a double-weight wide-trace glass-epoxy circuit board, a dual-regulated linear power supply, and an aluminum nonmagnetic chassis.

- PN1.** 4 line-level outputs. Features engraved faceplate; direct-wire bypass switch. 17 x 2 1/4 x 7 1/4 in; 3.5 lb\$990
- PN2.** As above, no engraved faceplate\$750
- PN4.** As PN2, no direct-wire bypass. 17 x 2 1/4 x 5 1/2 in; 2.5 lb\$399
- PN3.** As PN4, 3 line-level outputs\$299

COUNTERPOINT

DA-10a D/A Converter

Requires optional D/A converter card (see below). Six inputs; two digital tape loops with dubbing capabilities; digital phase inverter and muting; front-panel Most Significant Bit control; discrete analog stage is DC-coupled and servo-corrected; discrete current-to-voltage stage; passive third-order Bessel anti-aliasing filter\$1,695

HC-818 Audio Controller

7 channels. Designed for use with HC-808 (below). Fixed-level outputs; two tape loops. Features motor-driven volume control; discrete technology. Remote control. Black or silver finish. 3-yr warranty. Dimensions: 19 x 2 1/4 x 10 1/2 in\$1,595

HC-828. Slave video switcher for use with HC-818. Five S-video/composite inputs; accommodates up to three monitors and one VCR or videodisc player; independent source selection\$NA

HC-808 Surround Processor

Dolby Pro Logic. Monitor loop. Roederstein resistors; Wima polypropylene capacitors; Alps motor-driven potentiometers. Remote control. Black or silver finish. 3-yr warranty. 19 x 2 1/4 x 10 1/2 in\$1,295

D/A Converter Cards for DA-10a

- Analog Devices AD20\$1,295
- Ultra Analog UA20\$995
- Burr-Brown BB69\$595
- Crystal Semiconductor CS18\$355

Options for DA-10a

- ST-Optical (glass) input\$200
- AES/EBU balanced output\$200

DB SYSTEMS

DB-3 Active Crossover

Crossover points consumer specified. Powered by optional DB-2A power supply or connection to compatible DB Systems component. Available in 2- or 3-way form with 6- or 12-dB/oct Gaussian filters, 2- or 3-way form with 18-dB/oct Butterworth filters, or 2-way form with 24- or 36-dB/oct in-phase filters. Features f/ode input protection. Adjustable gain control for each channel. THD 0.0008% from 20-20,000 Hz. 5-yr transferable warranty\$292-\$565

DB-7 Signal Processor

Phase inverter, band-pass filter, and bridging adaptor. Powered by optional DB-2A power supply or connection to compatible DB Systems component. Buffered inputs and outputs; outputs for bridging 2 stereo amps into 2 mono amps; gold-plated connectors. Features 18-dB/oct Butterworth subsonic filter; 18-dB/oct Bessel ultrasonic filter. Phase switching for either/both channels. THD 0.003% from 20-20,000 Hz. 5-yr transferable warranty\$205

DENON

DA-S1 D/A Converter

Four 20-bit D/A converters. AT&T ST, Toslink, AES/

EBU balanced-XLR, unbalanced-RCA, and BNC digital inputs; ST Gen-Lock connector for synchronization with CD-transport master clock. Features ALPHA processor for 20-bit resolution; analog output stage with Class A DC amp with FET input; balanced signal digitally calculated at D/A converter; separate digital and analog sections; separate left and right sections; linear slide motor\$7,000

DA-500 D/A Converter

20-bit D/A conversion. 3 Toslink fiber-optic and 2 coaxial-RCA inputs; 1 analog RCA output; 1 selectable coaxial/fiber-optic digital output. Features ALPHA processor for 20-bit resolution; conversion circuitry to eliminate zero-cross distortion. Sampling rates 32,000, 44,100, and 48,000 Hz\$500

DODSON AUDIO

DAC-263 D/A Converter

8x oversampling, two 20-bit Burr-Brown D/A converters. BNC coaxial input; gold/rhodium RCA outputs. Features PLL jitter-reduction circuitry; separate power supplies for analog and digital sections; 3 digital- and 6 analog-section voltage regulators; separate regulators for left and right analog sections in dual-mono configuration; analog output buffers. Phase-reverse switch; auto sampling-rate selection; LED Indicators. S/N 110 dB. 17 x 3 x 12 in; 14 lb\$1,795

- Balanced-XLR outputs\$345
- AT&T ST fiber-optic digital input\$215
- AES/EBU balanced digital input\$125

DPA DIGITAL

PDM256 D/A Converter

24-bit D/A conversion via proprietary processor. Features separate power supplies for analog and digital sections. 4 coaxial, 3 Toslink-fiber-optic, and 1 AT&T ST digital inputs; coaxial and Toslink-fiber-optic digital outputs; balanced and coaxial analog outputs; 3 Deltran Synclock outputs providing jitter elimination when used with T1 CD transport. 4-position dither-selection switch; phase switch. FR 3-21,000 Hz ± 0.1 dB; THD 0.01; S/N 98 dB. Main unit 15 1/4 x 3 1/4 x 12 in; 20 lb\$5,995

PDM1024. As above, uses 4 proprietary processors. Features solid-copper chassis and cover with gold plating; 2 separate power supplies. Main unit 26 lb. Power supplies 9 x 3 1/4 x 12 in; 6 lb\$9,995

TLB-II D/A Converter

18-bit D/A converter. Coaxial and Toslink-fiber-optic digital inputs; Deltran Synclock output providing jitter elimination when used with T1 CD transport. FR 1-20,000 Hz ± 0.5 dB; THD 0.009%; S/N 100 dB. 8 x 3 1/4 x 11 in; 4 lb\$795

TBB. As above, with separate chips in digital and analog domains and 6 regulators for D/A converter\$1,195

PDM One-Series 3. As TBB, separate chassis for analog and digital sections with interconnect via 4 fiber-optic cables. 8 D/A-converter regulators; 3 power supply sections. 11 lb total\$2,395

DYNACO

QD-1/Series-II-L Surround Processor

Surround sound, rear-channel-only, and rear-channel-off modes. Features passive design. Gain control; Dolby Surround contour control; direct bypass. Center-channel control optional. Black. 8 1/2 x 2 1/2 x 8 in\$75

QD-2. As above, with 5-way binding posts and chrome faceplate and knobs\$140

ENLIGHTENED AUDIO DESIGNS

The following feature sampling rates of 32,000, 44,100, and 48,000 Hz, FR 0-20,000 Hz ± 0.1 dB, S/N 100 dB, and THD 0.001%.

DSP-9000 Pro D/A Converter

8x oversampling, four 20-bit D/A converters. 2 coaxial, 2 Toslink, 2 AT&T ST, and 2 AES/EBU-balanced digital inputs; variable and balanced analog outputs;

AES/EBU-balanced and coaxial digital outputs. Features dual-chassis design; hybrid analog/digital volume control. Replaceable board or software for upgrade; remote control\$5,500

- Balanced output\$1,000

DSP-7000 Series II D/A Converter

8x oversampling, four 20-bit D/A converters. Coaxial, Toslink, and AT&T ST digital inputs; fixed and balanced analog outputs; coaxial digital output. Replaceable board for upgrade\$1,995

- Balanced output\$399

DSP-1000 Series II D/A Converter

4x oversampling, four 20-bit D/A converters. Coaxial, Toslink, and AT&T ST digital inputs; fixed analog output; coaxial digital output. Replaceable board for upgrade\$999

ENTEC

Model 1.1 D/A Converter

Delta-Sigma D/A conversion. BNC input. Sampling rates 32,000, 44,100, and 48,000 Hz. 24 lb\$4,200

ESOTERIC

D2 D/A Converter

8x oversampling, four 18-bit D/A converters. 2 coaxial and 2 fiber-optic digital inputs; balanced-XLR and unbalanced-RCA analog outputs; coaxial digital output. Features antivibration chassis; 45-bit digital filter with noise shaping; dithering circuitry for linearity improvement and noise reduction; 18-dB/oct Butterworth analog filter; MOSFET analog-circuitry parts. Digital phase-reverse and soft-muting switches; FL display with dimmer. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 110 dB at 1,000 Hz\$3,500

D10 D/A Converter

4x oversampling, dual 18-bit D/A converters. 2 coaxial and 2 fiber-optic digital inputs; 1 coaxial digital output; unbalanced analog outputs. Features dithering circuitry; 24-dB/oct Bessel analog filter; antiresonant double-construction chassis. Sampling rates 32,000, 44,100, and 48,000 Hz; THD 0.0018% at 1,000 Hz; S/N 100 dB at 1,000 Hz. Dimensions: 8 1/2 x 5 1/2 x 18 1/2 in; 22.1 lb\$2,000

D700 D/A Converter

8x oversampling, four 20-bit D/A converters. 2 coaxial and 2 fiber-optic digital inputs; balanced-XLR and unbalanced-RCA analog outputs; coaxial digital output. Features dithering circuitry for linearity improvement and noise reduction; zero-cross distortion reduction circuitry; 18-dB/oct Butterworth analog filter. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 110 dB at 1,000 Hz\$1,350

ESOTERIC SOUND

Re-Equalizer Phono Processor

For use with a turntable. 6 selectable turnover points and 6 selectable rolloffs. Bypass switch. Flat, 300-Hz, 400-Hz, RIAA, LP, and 700-Hz turnovers. Flat, -5 dB, -10 dB, -12 dB, RIAA, and NAB rolloffs. THD 0.02%\$310

Vintage. Mono preamp version of above with vertical/lateral switch. No bypass switch\$325

FOSGATE-AUDIONICS

Model Three THX Preamp/Surround Processor

6 A/V inputs including 4 composite- and 2 S-video inputs; left, center, right, rear-left, and rear-right outputs; stereo L/R front, mono front, and mono rear subwoofer outputs; composite- and S-video video-monitor outputs. Features proprietary Digital Servo Logic steering circuitry; microprocessor control with memory for delay and filter settings; metal-film resistors and polypropylene capacitors in analog signal path; defeatable 12-dB/oct crossover at 80 Hz. Dolby Pro Logic mode with or without Home THX; 70-mm Wide Motion Picture and 70-mm Motion Picture modes; passive-matrix surround mode; ROCK, POPULAR, JAZZ, CHAMBER, and ORCHESTRA music

modes; adjustable Dolby Time Link digital delay; auto input balance; test-noise generator; silabint filter for dialog; A/V record-out selector; output-level controls for each channel; LED displays; remote control. THD 0.05%; S/N 90 dBA. 3-yr limited warranty. 17 1/2 x 3 3/4 x 14 1/2 in; 14 lb\$2,799

Model Four A V Preamp/Surround Processor

6 A/V inputs including 4 composite- and 2 S-video inputs; left, center, right, rear-left, rear-right, and subwoofer outputs. Features proprietary Digital Servo Logic steering circuitry; microprocessor control with settings memory; glass-epoxy circuit boards. Dolby Pro Logic and 70-mm Motion Picture modes; adjustable Dolby Time Link digital delay; high-frequency re-equalization of movie soundtracks for home listening; simulated-stereo mode; auto input balance; test-noise generator; separate record-out circuit; LED indicators; remote control. Relay output to trigger other electronics optional. Total harmonic distortion 0.05%; S/N 90 dBA. 3-yr limited warranty. Dimensions: 17 1/2 x 3 3/4 x 12 in; 8 lb\$999

Model Five Surround Processor

ROCK, POPULAR, CLASSICAL. 70-MM, and Dolby Pro Logic modes. 2 line-level audio inputs. Features microprocessor control with memory for time-delay and center-channel settings. Simulated-stereo mode; remote control with source select, test-tone, center-channel-defeat, center-boost, master-volume, mute, balance, and time-delay controls. THD 0.05%; S/N 90 dBA. 17 1/2 x 1 3/4 x 7 1/2 in; 3 lb\$599

HARMAN KARDON

AVP-1A THX Preamp/Surround Processor

ROCK, JAZZ, POPULAR, CHAMBER, and ORCHESTRA music modes; Dolby Pro Logic, Home THX, and cinema movie modes; A/V input switching; A/V record-out circuit; test-noise generator; panorama control; output level-trim controls; remote-control capability. Includes THX demo disc\$2,799

AVP-2 A/V Preamp/Surround Processor

ROCK, JAZZ, POPULAR, CHAMBER, and ORCHESTRA music modes; Dolby Pro Logic and 70-mm motion-picture movie modes; A/V input switching; A/V record-out circuit; test-noise generator; panorama control; output level-trim controls; remote capability\$1,049

EQ8 EQ

10-octave design. Subsonic filter variable from 5-30 Hz; separate L/R input controls and overload LEDs; tape monitor; record-output EQ\$209

HARRISON LABORATORY

SEMOD 30-Band Graphic EQ/Crossover

Center frequencies 1/2-oct apart. Crossover points selectable from several values for 2, 3, or 4 bands. Line-level input pair; line-level output pairs for 4 bands. Features 40-dB/oct crossover slopes; reverse-power protection. Full-range-output mode; pink-noise generator and level control; variable input sens; peak indicator for each band. 30-band noise gate optional. S/N 80 dB full-range mode. 12 x 4 x 1 in\$459

PFMOD4CH 2-Way Crossover

4 channels. Crossover points 100 or 200 Hz (independent front and rear high-pass filters) and selectable from 16 values from 50-200 Hz (subwoofer low-pass filter). L/R line-level front and rear inputs; L/R line-level front and rear outputs; L/R line-level subwoofer outputs. Does not require power. Features 18-dB/oct filters\$90

PFMOD Active Filters

The following active crossover modules require no power input. Each features an internal 20-yr battery charged by line-level input. 2 gold-plated RCA full-range inputs, 4 gold-plated RCA outputs, crossover-point selection via jumper settings, and 15-dB/oct slopes. Each measures 2 x 2 x 1 1/2 in.

BP1. Designed for midrange amplifiers. 2 band-pass

outputs from 50, 70, 100, or 150 Hz to 3,500, 4,000, 6,000, or 8,000 Hz; 2 full-range outputs\$60

BP2. Designed for midbass amplifiers. 2 band-pass outputs from 50, 70, 100, or 150 Hz to 100, 120, 150, or 200 Hz; 2 full-range outputs\$60

2W1. 2-way crossover for biampifying. 2 high-pass and 2 low-pass outputs. Crossover point 50, 70, 100, or 150 Hz\$60

2W2. Two 3,500-, 4,000-, 6,000-, or 8,000-Hz high-pass outputs; two 50-, 70-, 100-, or 150-Hz low-pass outputs. Can be combined with BP1 filter for triampifying\$60

LP1. Designed for woofer/subwoofer amplifiers. Two 50-, 70-, 100-, or 150-Hz low-pass outputs; 2 full-range outputs\$50

HP1. Designed for midrange/tweeter amplifiers. Two 50-, 70-, 100-, or 150-Hz high-pass outputs; 2 full-range outputs\$50

HP2. Designed for tweeter amplifiers. Two 3,500-, 4,000-, 6,000-, or 8,000-Hz high-pass outputs; 2 full-range outputs\$50

JANIS

Interphase 3AT Active Crossover

Crossover point fixed at 100 Hz. Designed for subwoofers. Features two high- and one low-pass 18-dB/oct Butterworth filters; switchable amp. Line-level output. Variable low-pass-filter; gain; level and phase controls\$600

JBL

SoundEffects Director Surround Processor/Amp

Dolby Pro Logic decoder. 25-W center-channel amp; 25-W surround amp. Volume, balance, and defeat controls\$299

JRM ENGINEERING

Model 3BPB/X8 Active Crossover

2, 3, or 4 way. High- and low-pass crossover points set via plug-in modules. Mono/stereo subwoofer outputs. Features 18-dB/oct slopes; polypropylene capacitors; gold-plated electromechanical devices; subsonic and ultrasonic filters. THD 0.001%; S/N 94 dB\$1,575

Model 3BPB/X4. As above, 2 way only\$1,035

Remote 6-Band Graphic EQ

Center frequencies continuously variable between 4-50,000 Hz. Requires JRM preamp or Model 3BPB crossover as base unit. Features 2% polypropylene capacitors; gold-plated electromechanical devices. 35-dB variable loudness range; separate L/R level controls. Total harmonic distortion 0.001%; signal-to-noise ratio 98 dB\$855

KAB ELECTROACOUSTICS

Souvenir STD Phono Processor

EQ and noise limiter for vintage 78s and LPs. Features scratch-noise limiter; 2-speed dynamic noise limiter; rumble filter. L/R groove-select switches; 8 EQ settings; mono with stereo bypass. THD 0.07%; S/N 79 dB\$295

Souvenir INL. Above with transient-impulse noise limiter for ticks, clicks, and pops\$395

KENWOOD

GE-7030 14-Band Graphic EQ

Center frequencies at 40, 63, 98, 160, 250, 400, 625, 1,000, 1,500, 3,900, 6,300, 10,000, and 16,000 Hz; ± 12 -dB boost/cut. Mic input; tape-monitor loop. Frequency shuttle dial; 6 presets with 5 presets for each; preset curves for cars and personal stereos; mic mixing; 27-band spectrum display\$299

GE-4030 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, and 15,000 Hz; ± 12 - or ± 6 -dB boost/cut. Tape loop. 5 factory and 5 user presets; switchable peak-hold indicator; curve-invert function; flat-response button; spectrum display; system remote-control compatibility\$199

KE-2060 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. Tape-monitor loop; unswitched AC outlet. 5 factory and 5 user presets; 13-band spectrum display; FL display; system remote-control compatibility\$139

KE-894 7-Band Graphic EQ

± 10 -dB boost/cut. Tape-monitor loop; unswitched AC outlet. 5 factory and 5 user presets; 13-band spectrum display; FL display; system remote-control compatibility\$139

KE-294 7-Band Graphic EQ

± 10 -dB boost/cut. Unswitched AC outlet. Independent L/R adjustments; LED indicators\$59

KINERGETICS

KSP-2 THX Surround Processor

THX mode. Features analog decoding; digital surround with 16-bit A/D and D/A conversion. Calibration display; remote control. Includes calibration mic. 17 1/2 x 2 x 13 1/2 in; 20 lb\$4,500

KINETIC AUDIO

The following are low-pass passive mono designs that may be built into Kinetic Audio subwoofers.

3-Point Crossover. 60-, 90-, and 180-Hz crossover points; Features mid/high-pass filter. Level control\$250

4-Point Crossover. 60-, 90-, 180-, and 350-Hz crossover points\$250

LEXICON

CP-3 THX Surround Processor

15 modes including THX, AMBIENCE, REVERB, PANORAMA, TELEVISION, and STEREO SURROUND. 4 inputs. Software upgradability; on-screen displays. S/N 90 dB\$3,200

CP-1 Plus Surround Processor

Dolby Pro Logic. Features ambience extraction and synthesis; auto azimuth error correction for Dolby Surround. Reverb; headroom display; alphanumeric display; 2 mute indicators; software upgradability. S/N 85 dB\$1,595

CP-2 Surround Processor

Dolby Pro Logic, MUSIC, and MONO LOGIC modes. 6 outputs. Features digital design with 16-bit D/A converter; auto azimuth error correction. Auto input balance; parametric display; software upgradability; remote control. S/N 85 dB\$995

LINN

Numerik D/A Converter

8x oversampling, 20-bit D/A conversion. 2 BNC digital inputs; 2 RCA output pairs. Screened circuitry. Auto input and sampling-rate selection with indicators. Sampling rates 44, 100 and 48,000 Hz\$2,395

LT SOUND

CM-4 Digital Noise-Reduction Processor

Provides hiss reduction, surface-noise removal from records, and hum elimination. Features multiple single-ended noise-reduction algorithms with DSP; 18-bit D/A conversion. High-frequency enhancement; simulated-stereo from mono sources; software upgrades available twice per year. THD 0.03%; S/N 91 dBA. 5-yr parts-and-labor warranty.\$995

MACH 1 ACOUSTICS

DMS Reference D/A Converter

8x oversampling, 20-bit D/A converter. Toslink, coaxial and balanced digital inputs; fixed and balanced analog outputs. FR 20-20,000 Hz ± 0.01 dB; THD 0.01%; S/N 105 dB\$2,295

DMS Standard. As DMS Reference\$1,795

MARANTZ

AX-1000 Digital Signal Processor/Analyzer

Microprocessor-based computer. Coaxial and fiber-optic digital inputs; coaxial digital output; analog inputs and outputs. Design upgradable via plug-in cards; auto listening-room-anomaly correction via AKG microphone and calculation of 14 digital filters per channel; 27-band real-time analyzer; 3-band parametric EQ; surround decoding for digital and analog sources; sound stage reduction/expansion via 11 presets; dynamic-range compression/expansion with reference-level and release-time controls; headphone processor designed to place sound stage in front of listener; user-adjustable LP-scratch processor. Two 4-in color-LCD information screens; adjustable target-FR curve; concert-hall ambience mode; adjustable delay, decay, and reverb times; sine-wave, white-noise, and pink-noise generators; remote control with track-ball\$15,000

MARCHAND

XM26 Tube Active Crossover

Crossover point set between 20-5,000 Hz via plug-in module. Features 24-dB/oct filters\$599
Kit form\$389

XM6 Active Crossover

Crossover point switch selectable from 163 values between 20-5,000 Hz. Low- and high-pass outputs. Features 24-dB/oct filters. LR level controls; damping control for all channels; digital LED crossover-point display; phase switch for each channel. Remote frequency selector with 15-ft cable available. RS-232/MIDI computer-control interface optional. 17 x 2 1/2 x 8 1/2 in\$495

WM8-AA Bass EQ

Designed to modify the FR of acoustic-suspension speakers. 4 RCA inputs and outputs. Features rumble filter; subsonic filter at 20 Hz. Adjustable bass boost and damping; bypass switch\$399
WM8-KK. Kit\$249

XM16-A Active Crossover

Mono. Crossover point set between 20-5,000 Hz via plug-in module. Gold-plated connectors. Features 48-dB/oct filter slope; 2-section 4-stage filter network; turn-on/off protection; 1% metal-film resistors; 1% polystyrene capacitors; double-sided circuit board with plated through holes. Output-level controls. Remote level controls optional. S/N 110 dB\$80
XM16-K. Kit\$60
XM9-K. As XM16. 24-dB/oct high- and low-pass filters. Kit\$40
XM9-3KK. 3-way kit with custom cabinet\$299

XM1-A Active Crossover

Mono. Crossover point set between 20-5,000 Hz via plug-in module. Low- and high-pass outputs. Features 24-dB/oct filters; Linkwitz-Riley design; glass-epoxy circuit board; 1% metal-film resistors and polystyrene-film capacitors; 3 dual-FET input op amps. Trimmer potentiometer. S/N 110 dB\$30
XM1-K. Kit\$25

MARK LEVINSON

No. 30.5 Reference D/A Converter

20-bit D/A converter. Four AES/EBU, 2 SPDIF, 2 fiber optic digital inputs. FIFO data re-clocking system; two towers each containing analog circuitry for one channel with isolation from digital circuitry; separate power supplies for digital or analog left and right channels; microprocessor-based user interface\$15,950

No. 35 D/A Converter

20-bit D/A converter. Two AES/EBU, 2 SPDIF, 2 EIA-J, AND 1 ST fiber optic outputs. Four separately shielded compartments for power supplies; digital signal processing, audio conversion, and output stages\$7,950

MCCORMACK

DAC-1 D/A Converter

Coaxial and Toslink fiber-optic digital inputs; analog output. Features separate analog and digital sections including circuit boards, power supplies, and transformers. AT&T ST fiber-optic input optional\$995

MCINTOSH

MQ108 7-Band Parametric EQ

Center frequencies selectable from 20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, and 1,000 Hz; ± 15 -dB boost/cut. THD 0.002%; S/N 105 dB\$300

MELOS

MAX-3(D) Tube D/A Converter

1-bit D/A conversion. 1 fiber-optic and 2 coaxial digital inputs; balanced and unbalanced outputs. Features 2-chassis design with one chassis for digital section and power supply, other chassis for tube analog section. Volume control with bypass\$2,795
MAX-3. As above, single chassis. No volume control\$1,995

MERIDIAN

Model 565 Digital Surround Processor

Analog input; coaxial and fiber-optic digital inputs; 8 coaxial digital outputs; 8 analog outputs; composite-video input and output; RS-232 control interface. Features two Motorola DSP chips upgradable to 4; 16-bit Delta-Sigma A/D conversion; four 18-bit Delta-Sigma D/A converters. Variable analog-input sens; on-screen displays; 12-character alphanumeric display. 12 1/2 x 3 1/2 x 13 in\$3,595

Model 563 D/A Converter

3 coaxial, 1 fiber-optic, and 1 AES/EBU XLR inputs; balanced and unbalanced analog outputs. Phase switch; illuminated indicators. Dimensions: 12 1/2 x 3 1/2 x 13 in\$1,395

MICROMEGA

Trilo 3 BS D/A Converter

Two 1-bit D/A converters. 2 coaxial, one AES/EBU, and one Toslink inputs; balanced and unbalanced outputs. Features separate power supply with 5 transformers with 2 for Trilo 3 CD transport. Phase selector. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 96 dB. Each box 13 x 2 1/2 x 12 1/2 in; 18 lb\$4,895

Duo Pro 2 D/A Converter

Two 1-bit D/A converters. 2 coaxial, 1 AES/EBU, and 1 Toslink inputs; balanced and unbalanced outputs. Phase selector. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 96 dB. Dimensions: 13 x 2 1/2 x 12 1/2 in; 10 lb\$2,195

T DAC D/A Converter

1-bit D/A conversion. 2 coaxial, 1 AES/EBU, and 1 Toslink inputs; balanced and unbalanced outputs. Phase selector. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 96 dB. Dimensions: 8 1/2 x 3 1/2 x 12 1/2 in; 8 lb\$1,295

Duo BS2 D/A Converter

1-bit D/A conversion. Coaxial and AES/EBU or Toslink inputs; unbalanced output. Phase switch. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 96 dB. 3 1/4 x 3 1/2 x 12 1/2 in; 4 lb\$995

Variodac D/A Converter

1-bit D/A conversion. Coaxial and Toslink inputs; aux high-level analog input; unbalanced output. Remote volume control. Sampling rates 32,000, 44,100, and 48,000 Hz; S/N 96 dB. 8 1/2 x 2 1/2 x 6 in; 3 lb\$995

DAC D/A Converter

Two 1-bit D/A converters. AES/EBU, coaxial, and Toslink inputs; balanced and unbalanced output. Features multiple transformers. Sampling rates

32,000, 44,100, and 48,000 Hz; S/N 96 dB. 17 x 3 1/2 x 11 1/2 in; 9 lb\$895

Microdac D/A Converter

1-bit D/A conversion. Coaxial and Toslink inputs; unbalanced output. Auto input selection. Sampling rates 32,000, 44,100, and 48,000 Hz; THD and S/N 90 dB. 8 1/2 x 2 1/2 x 6 in; 3 lb\$495

MORDAUNT-SHORT

Decoder One Surround Processor/Amp

Dolby Pro Logic mode. Line-level front, center, rear, and subwoofer outputs; tape-monitor loop. Features center- and rear-channel amps rated at 20 W into 8 ohms; 12-dB/oct crossover at 250 Hz; short-circuit and thermal protection. Phantom center-channel mode; test-tone generator; center, rear, and master level controls. 2-yr warranty\$549

MTX SOUNDCRAFTSMEN

E440PRO 21-Band Graphic EQ

Center frequencies 1/2-oct apart from 40-1,000 Hz and alternate 1/3-oct from 1,000-16,000 Hz; ± 15 -dB boost/cut. Pre/post-processor loops; RCA connectors. Features digital CMOS switching. LED indicators. Rack mount. THD 0.01%; S/N 114 dB. Dimensions: 19 x 3 1/2 x 11 in\$550

MUSE

Model Two D/A Converter

8x oversampling, 20-bit D/A converter. Two SPDIF digital inputs; unbalanced and balanced analog outputs. Features unique circuitry which eliminates jitter caused by the digital filter; all digital signals treated as transmission lines to preserve signal integrity; internal isolation of each major element, in the form of separate PCB's and shielding, is used throughout; output buffer provides both single-ended and differential analog outputs; modular internal construction. AES/EBU digital inputs optional\$1,700
Above with AES/EBU input\$2,000

MUSEATEX

BIDAT D/A Converter

1-bit D/A conversion. Toslink, RCA, AT&T ST, and AES/EBU inputs; balanced and unbalanced outputs. Volume control optional\$1,999

BS1 D/A Converter

1-bit D/A conversion. Features antijitter circuitry. Toslink and RCA inputs\$899

MUSIC REFERENCE

RM-3 Active Crossover

Crossover point, slope alignment, including Butterworth, Bessel, and Chebyshev, and type of function selectable via plug-in modules. S/N 100 dB; 10 lb\$1,200

NAD

Model 910 Surround Processor

7 channels; Dolby Pro Logic, club, hall, and stadium surround modes; Super Stereo mode to add center-channel fill to stereo listening. 3 A/V inputs; left, right, center, 2 rear, and subwoofer line-level outputs. Features Sibilance Filter to reduce hiss and improve tonal balance; CDR for automatically raising volume of low-level passages without affecting louder ones; processor-bypass\$599

Model 010d D/A Converter

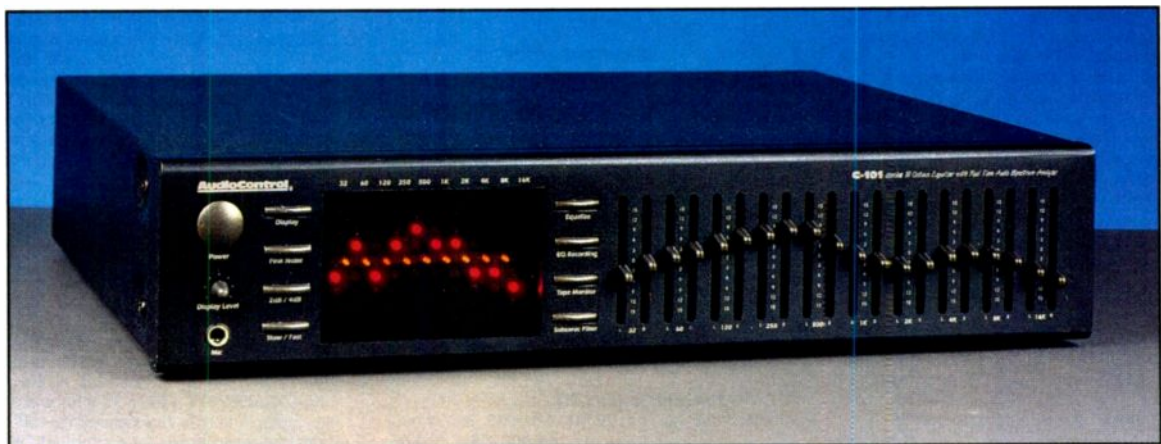
8x oversampling, 18-bit D/A converter. Two RCA coaxial and one Toslink optical inputs. Features auto sampling frequency selection; full Class A analog audio circuits; power supply is ultra low-noise. has high current capability and extremely low source impedance via Kung regulators; low phase error and benign 3rd-order filtering. Polarity inversion switch; front panel Most Significant Bit trimmer. 0.0025% THD; S/N 110 dBA\$549

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“ Our test and use of the AudioControl C-101 Series III left no doubt that it would be a first rate addition to *any* good audio system. Used wisely it can only improve the final sound. ”

Julian Hirsch, Stereo Review, July 1994



“ I'm impressed by how little distortion and noise the C-101 produces ... it is outstanding in these regards. ”

Edward Foster, Audio, August 1994

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NAIM

NAX03-6 Active Crossover

3 way. Designed for flat response speakers. User-specified crossover points. Features 18-dB/oct slopes\$1,150
NAX02-4. As above. 2 way\$1,150

NEI

Model 1520 Dual-Channel Graphic EQ

Center frequencies at 31.5, 50, 80, 125, 200, 315, 500, 800, 1,250, 2,000, 3,150, 5,000, 8,000, 12,500, 20,000 Hz; ± 12 dB boost/cut. Balanced XLR and 1/4-in phone jack inputs and outputs. Features low noise, high slew rate ICs; signal pass-through when unit is off; modular design; independent variable gains; minimum-phase filters. LED peak indicators for each channel; rotary gain controls for each channel; linear slide boost/cut controls; equalization curve graphic display; bypass switch for each channel; power switch with Power On LED indicator; rack ears for mounting on standard EIA rack. S/N 90 dB. 19 x 3 1/4 x 5 1/2 in; 5 lb\$299

Model 3111 29-Band Graphic EQ

Center frequencies at 20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 150, 315, 400, 500, 630, 800, 1,000, 1,250, 2,500, 3,150, 4,000, 5,000, 6,300, 8,000, 10,000, 12,500, 16,000, 20,000 Hz; ± 12 dB boost/cut. Balanced XLR and 1/4-in phone jack inputs and outputs. Features super low noise, high slew rate ICs; high pass filter 15 Hz 18 dB and low pass filter 26,000 Hz 18 dB; signal pass through when unit is off; independent variable gains; modular design. LED peak indicators; linear slide boost/cut controls; equalization curve graphic display; high and low pass filter switches; bypass switch; power switch with Power On LED indicator; input amp rotary gain control; rack ears for mounting on standard EIA rack. S/N 90 dB. 19 x 3 1/2 x 5 1/2 in; 5 lb\$299

NUREALITY

Each of the following provides SRS surround sound for 2 speakers and mono or stereo sources.

Vivid 3D Studio Surround Processor/Amp

With amp rated at 6.5 W x 2 rms. Line- and speaker-level outputs. Compatibility with surround technologies like Dolby Pro Logic; SPACE and CENTER controls; bypass mode; volume control; LED display. 5 x 8 x 5 in\$150

Vivid 3D Plus Surround Processor

Designed for portable-audio, video-game, or multi-media applications. SPACE and CENTER controls; bypass mode; volume control. 4 x 1 x 5 in\$100

ONKYO

ES-600Pro Surround Processor/Amp

3 channels; Dolby Pro Logic, Dolby Surround, Dolby 3 Stereo, HALL, and STADIUM modes. Features amp rated at 50 W x 1 (center) + 20 x 2 rms (rear); discrete output stages. Wide and phantom center-channel modes; adjustable digital rear-channel delay; master-volume and input-balance controls; FL display; programmable remote control. THD 0.09%. 18 x 3 3/4 x 12 1/2 in; 13.9 lb\$409

Integra EQ-35 12-Band Graphic EQ

Center frequencies at 16, 32, 64, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, 16,000, and 32,000 Hz; switchable 12- or 6-dB boost/cut. Features 10-tone signal generator with step and sweep modes; signal-flow display; LED level indicators. THD 0.01%. 17 1/2 x 3 1/2 x 14 1/2 in; 10 lb\$355

EQ-201 7-Band Graphic EQ

Center frequencies at 64, 160, 400, 1,000, 2,500, 6,300, and 16,000 Hz; 12-dB boost/cut. Tape loop. Spectrum analyzer; EQ defeat; LED level indicators. Total harmonic distortion 0.01%. Dimensions: 18 x 3 3/4 x 12 in; 7.5 lb\$255

EQ-101. As above, without spectrum analyzer. \$165

OPTIMUS BY RADIO SHACK

Model 31-2025 10-Band Graphic EQ

± 12 -dB boost/cut. Switchable stereo expander; tape, bypass, and EQ/record controls; spectrum display\$120

PARASOUND

D/AC-1500 D/A Converter

Ultra D/A converter with 4 PCM63K and balanced outputs\$1,295

D/AC-1000 D/A Converter

8x oversampling, dual 20-bit Burr-Brown push-pull PCM D/A converters. Features three separate power transformers; 1% metal-film resistors and polystyrene and polypropylene capacitors; 180° polarity inversion switch; de-emphasis circuit and indicator; AT&T ST, Toslink and coaxial digital inputs; gold-plated RCA jacks. FR 2.5-20,000 Hz ± 0.25 dB; S/N >105 dB\$735

D/AC-800 D/A Converter

8x oversampling, dual 18-bit Burr-Brown PCM D/A converters. Features 2 separate power supplies for analog and digital circuits; 1% metal-film resistors and polystyrene and polypropylene capacitors; 180° polarity inversion switch; de-emphasis circuit and indicator; Toslink and coaxial digital inputs; gold-plated RCA jacks. FR 5-20,000 Hz ± 0.5 dB; S/N >100 dB\$425

PINK TRIANGLE

Dacapo D/A Converter

1-bit D/A conversion. Features 3 PLL clocking circuits; modular design for optional plug-in filters. FR 10-20,000 Hz -0.1 dB; THD 0.004%; S/N 114 dB; dynamic range 115 dB\$2,795
Dacapo DC. DC power supply for above. Micro-processor-controlled charging cycle\$2,895

Ordinal D/A Converter

1-bit D/A conversion. Features modular design for optional plug-in filters. FR 10-20,000 Hz ± 0.1 dB; THD 0.004%; S/N 115 dB; dynamic range 110 dB\$1,695

PIONEER

GR-777 10-Band Graphic EQ

Center frequencies at 32, 64, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ± 10 -dB boost/cut. HEAVY, CLEAR, SOFT, VISUAL, and VOCAL preset curves; 5 user presets; 10-band spectrum display; SY-system remote control\$410

GR-555 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 250, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. Tape monitor; 7-band spectrum display; defeat switch\$260

GR-470 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 250, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. LED slider controls; defeat switch\$135

PROTON

SD-1000 Surround Processor

7 channels; Dolby Pro Logic, CINEMA, and MUSIC modes. Tape-monitor loop; left, center, and right front outputs; left, center, and right rear outputs; subwoofer output. Remote control. Dimensions: 16 1/2 x 2 1/4 x 9 1/2 in\$600

PS AUDIO

UltraLink Two D/A Converter

UltraAnalog-based 20-bit digital-to-analog converter. Coaxial, AES/EBU, AT&T ST, and Toslink digital inputs; balanced and unbalanced outputs. Features 3 separate power supplies; Class A biased discrete output stage. Auto sampling-rate selection. Sampling rates 32,000, 44,100, and 48,000 Hz. Dimensions:

17 x 2 1/2 x 9 in\$2,295

DL III D/A Converter

18-bit D/A conversion; AES/EBU, Toslink, and coaxial digital inputs. Features 3rd-order Bessel filter; discrete Class A output buffer; 5 individual regulation stages. 17 x 2 1/4 x 9 in\$699

PYRAMID

PR3000 Active Crossover

3 way. Crossover points selectable at 50, 90, 180, 360, 720, 1,000, 2,000, 4,000, 6,000, 8,000 Hz. Designed for rack mounting. Preamp input; separate RCA low-, mid-, high-output jacks. Features 6 channels. 110/220 V switchable. 19 x 2 1/2 x 8 1/2\$150

PR9700 20-Band Graphic EQ

12-dB boost/cut. RCA inputs and outputs. Computerized spectrum display; dual input selector switch; 110/220 V switchable\$150

PR4400 20-Band Graphic EQ

12-dB boost/cut. RCA inputs and outputs. Ten left and ten right slide controls; tape/line selector; 110/220 V switchable\$90

RANE

SSE35 18-Band Graphic EQ

5 channels. Center frequencies 1/2-oct apart from 25-100 Hz and 1/3-oct apart from 160-16,000 Hz for left and right channels and 1/2-oct apart from 160-16,000 Hz for center channel when used without subwoofers. Center frequencies 1/2-oct apart from 25-100 Hz for each subwoofer and 1/2-oct apart from 160-16,000 Hz for left, center, and right channels when used with one or two subwoofers. Designed for left, center, right, left-subwoofer, and right-subwoofer channels in a home theater system. Line-level left, center-channel, and right inputs; line-level left, center-channel, right, left-subwoofer, and right-subwoofer outputs. Features left and right subwoofer crossovers individually switchable at 80 or 125 Hz; constant-Q bandwidths. Mono/stereo subwoofer modes; subwoofer source selector\$NA

THX44 13-Band THX Graphic/Parametric EQ

4 channels. Designed for use in a home theater system. Graphic center frequencies at 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, and 800 Hz for left, center, and right channels with ± 6 -dB boost/cut; 2 parametric EQ bands for each of left, center, and right channels, each with center frequency individually variable from 1,000-10,000 Hz. Q individually variable from 0.7-3.5, and ± 4 -dB boost/cut; 2 parametric subwoofer EQ bands, each individually variable from 20-80 Hz with Q variable from 0.5-2.5 and ± 6 -dB boost/cut\$1,299

ME60 30-Band Graphic EQ

Center frequencies at 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1,000, 1,250, 1,600, 2,000, 2,500, 3,150, 4,000, 5,000, 6,300, 8,000, 10,000, 12,500, 16,000, and 20,000 Hz; ± 12 -dB boost/cut. Unbalanced-RCA, balanced-XLR, and balanced 1/4-in inputs and outputs\$669

AC23B Active Crossover

Two crossover points selectable from several values between 70-1,000 Hz, two between 190-7,000 Hz. Configurable for stereo 2- or 3-way or mono 4- or 5-way. Balanced-XLR inputs and outputs. Features 24-dB/oct Linkwitz-Riley filters\$529
AC23. As above, 1/4-in balanced inputs and unbalanced outputs\$499

PE17 5-Band Parametric EQ

Center frequencies each individually variable from 10-200 or 1,000-20,000 Hz with Qs individually variable from 0.03-2 octaves; +12, -15 dB boost/cut. XLR and 1/4-in inputs and outputs. Features sweepable 12-dB/oct Butterworth low- and high-cut filters\$499

FAC28 Active Crossover

Mono 2-way design. Crossover point selectable from

24 values from 50-12,000 Hz. Balanced xLR and 1/4-in inputs and outputs. Features 48-dB/oct Linkwitz-Riley filters; 24-dB/oct infrasonic filter at 15 Hz. Bypassable EQ band, phase control\$449

ME15 15-Band Graphic EQ

Center frequencies from 25-16,000 Hz with 1/2-oct ISO spacing; selectable ± 6 - or ± 12 -dB boost/cut. 1/4-in balanced inputs and unbalanced outputs. Features constant-Q bandwidths\$399
ME30. As above, 30-band mono design\$389

AC22 Active Crossover

Crossover points selectable from several values from 70-3,600 Hz. Configurable for stereo 2-way with subwoofer or mono 3-way operation. 1/4-in balanced inputs and unbalanced outputs. Features 24-dB/oct Linkwitz-Riley crossovers\$399

FPE13 3-Band Parametric EQ

Center frequencies individually continuously variable from 10-200 Hz, 100-2,000 Hz, or 1,000-20,000 Hz with Qs individually variable from 0.03-2 octaves; ± 15 , -20-dB boost/cut. 1/4-in and balanced-xLR inputs and outputs\$299

ROTEL

RSP960AX Surround Processor

Dolby Pro Logic with 4 ambience modes. 3 video inputs; composite- and S-video outputs; outputs for 5 channels and subwoofer. Tape monitoring; subwoofer level control; remote control. THD 0.0025% front channels. 17 1/2 x 4 1/4 x 13 in\$600

SESCOM

R/S CO Active Crossover

Crossover point variable. Balanced inputs and outputs. Input- and output-level controls. Dimensions: 7 1/2 x 1 1/2 x 5 in\$200
 Kit\$135

R/S LIM Limiter/Compressor

To limit or compress signal for recording. Can be configured for unbalanced input/output. Transformer-balanced inputs and outputs; xLR connectors. Input-gain, limiter-threshold, compressor-threshold, slope, release, and output-gain controls. Dimensions: 7 1/2 x 1 1/4 x 5 in\$200
 Kit\$135

R/S TC Tone Controls

Bass, treble, balance, and volume controls designed for unequipped components. Transformer-balanced inputs and outputs; unbalanced inputs and outputs; 2 female and 2 male xLR connectors; 4 RCA jacks. Rumble and subsonic filters; mute function ...\$150
 Kit\$100

R/S PA 3-Band Parametric EQ

Mono. Q selectable from 3 values. Can be configured for unbalanced input/output. Transformer-balanced input and output; xLR and 1/4-in connectors. Overall-gain control. 7 1/2 x 1 1/4 x 5 in\$65
 Kit\$50

SIGTECH

TF1100 Digital Signal Processor/Analyzer

Designed to correct a system's FR by compensating for reflections derived from room acoustics and modifying speaker FR and phase. Coaxial, AES/EBU, and AT&T ST digital inputs. Features 250-mips architecture; individual correction for each significant reflection. 3 user presets. Analog input and output with coaxial and xLR inputs optional. Price includes room measurement and calibration by dealer\$6,000

SNELL

EC200 Active Crossover

2 way. Designed for subwoofer/satellite systems. L/R stereo inputs; L/R high- and low-pass outputs; summed mono low-pass output; gold-plated connectors. Features low-pass filters with 24-dB/oct slopes

at 80 Hz; high-pass filters with 12-dB/oct slopes at 80 Hz; Class A amplification; metal-film resistors; film capacitors. Adjustable level controls. THD 0.01%. 8 1/2 x 6 x 2 1/4 in\$299

EC300 Active Crossover

3 way. 3 gold-plated RCA inputs; 5 gold-plated RCA outputs; summed-mono low-pass output. Low-pass filters with 24-dB/oct slopes at 80 Hz; high-pass filters with 12-dB/oct slopes at 80 Hz. Adjustable level controls. THD 0.01%. 8 1/2 x 6 x 2 1/4 in\$299

SONY

SEQ-711 7-Band Graphic EQ

10 memory presets; spectrum analyzer display; remote control\$240

SOUND CONCEPTS

SSD550 Ambience Restoration System

Adds variable delay of 5 to 100 ms to rear channels in home theater system. Provides mono or stereo output from front- or rear-channel inputs. Front- and rear-channel inputs. Enhanced FILM SURROUND modes for rear channels. S/N 95 dB\$975

IR2100 Image Restorer

Processor using patented acoustic-cancellation technique to restore width and depth of original stereo image. Wired remote on 15-ft cable with adjustments for speaker-position and degree of stereo enhancement, bypass switch, and volume control. S/N 86 dB\$360
IR2200. As above, without remote control. Can be used in tape loop\$199

VSP1 Stereo Synthesizer

Creates stereo from mono source through harmonically related complementary comb filtering. Signal-to-noise ratio 81 dB\$179

SOUNDSTREAM

C2 A/V THX Preamp/Surround Processor

6 A/V inputs including 2 S-video; front, center, L/R side, and L/R back line-level outputs; 3 front subwoofer outputs; surround subwoofer output. Features THX-certified processing; hybrid analog and digital surround circuitry; 12-dB/oct surround-subwoofer crossover at 80 Hz; defeatable 12-dB/oct high-pass and 24-dB/oct low-pass T-X filters at 80 Hz. 10 processing modes; 2nd-room listen/record capability; bass control at 40 Hz; 4 theater and 7 music-processing modes; set-up and R2 universal remote controls. Includes Lucasfilm WOW! calibration videodisc. THD 0.05% main channels, 0.1% surround channels; S/N 95 dBA. 17 1/2 x 3 1/4 x 15 in\$2,995

DAC1 D/A Converter

Dual hybrid multiple/1-bit D/A converters. One Toslink and two coaxial digital inputs. Features design in conjunction with Krell; onboard power supply; internal switch-mode power supply with AC-generated-noise immunity; 3 separate regulated secondary power supplies for digital, control, and analog sections; discrete Class A analog section; auto de-emphasis and mute circuits; military-grade double-sided plated-through glass-epoxy circuit boards; 1% metal-film resistors. Auto sampling-rate selection. Sampling rates 32,000, 44,100, and 48,000 Hz; THD 0.01%; S/N 100 dBA. D/A converter 17 x 2 x 7 1/4 in. Power supply 4 1/2 x 2 1/2 x 3 in\$695

TC SOUNDS

TCX Active Crossover

2-way. Independent high- and low-pass crossover points set from 30-10,000 Hz set via plug-in modules. Balanced and unbalanced inputs and outputs; stereo subwoofer outputs. S/N 96 dB\$1,195

TEAC

EQA-220 10-Band Graphic EQ

Center frequencies at 30, 60, 125, 250, 500, 1,000,

2,000, 4,000, 8,000, and 16,000 Hz; ± 12 -dB boost/cut. Line-level input; line-level output; tape loop. 10-band spectrum display; EQ-record and bypass switches; LED slider indicators. Dimensions: 17 1/2 x 3 1/4 x 8 1/4 in\$139
EQA-110. As above, without spectrum display ..\$99

TECHNICS

SH-GE90 Digital Signal Processor

HALL, LIVE, DISCO, CHURCH, STADIUM, and THEATER sound fields; HEAVY, CLEAR, SOFT, VOCAL, HEADPHONE STEREO, and CAR STEREO sound presets. Dual mic inputs. 3-band parametric EQ with center frequencies selectable from 24 points; variable digital delay; karaoke functions including voice mute, key control, and reverb/echo; spectrum analyzer; jog dial\$350

SH-GE70 7-Band Graphic EQ

Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300, and 12,500 Hz; ± 12 -dB boost/cut. 6 factory and 6 user presets; defeat and tape-monitor switches; 2 spectrum displays selectable for EQ-level, bar, dot, or peak-hold mode\$200

SH-8038 7-Band Graphic EQ

Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300 and 16,000 Hz; ± 12 -dB boost/cut. LED slider illumination; curve-reverse and defeat switches; tape-EQ switch; calibrated decibel scale; tape-monitor switch\$130

SH-8017KM5 7-Band Graphic EQ

Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300 and 16,000 Hz; ± 12 -dB boost/cut; ± 12 -dB boost/cut. Calibrated decibel scale; LED slider illumination\$110

VAC

DAC MkII Tube D/A Converter

256 x oversampling, two dual-differential 1-bit converters. Two coaxial and one AT&T inputs; coaxial-digital, unbalanced, and balanced outputs. Features Class A triode tube differential analog circuit; passive logic; separate power supply; magic-eye status indicator tube. Auto rate selector for 32, 44.1, and 48 kHz. AES/EBU inputs and outputs optional. 6 x 18 x 13 1/2 in; 25 lb main unit. 6 1/2 x 7 x 12 1/2 in; 28 lb power supply\$4,490
DAC II MkII. As above, but no external power supply. AT&T input optional. Dimensions: 6 1/2 x 18 x 14 in; 35 lb\$2,990

YAMAHA

DSP-E580 Surround Processor/Amp

Digital Dolby Pro Logic with one 35-mm and two 70-mm enhancement modes; 12 cinema and 4 music DSP modes; ANIMATION, VIDEO GAME, KARAOKE, TV SPORTS, TV THEATER, and CLASSIC FILM entertainment modes. Video inputs and outputs; S-video connectors; subwoofer output; line-level output for front, center, and rear channels; outputs for 2 speaker pairs. Features amp rated at 25 W x 3 rms into 8 ohms at 1,000 Hz with 0.03% THD for center and L/R effects channels; subwoofer crossover at 200 Hz; motor-driven master volume control. Auto input balance; center and rear level controls; normal, wide, and phantom center-channel modes; adjustable delay, room-size, and reverberation parameters; tape-monitor switch; on-screen displays; remote with master-volume control. 17 1/2 x 5 1/4 x 15 1/4 in\$699

EQ-550 10-Band Graphic EQ

Center frequencies at 30, 60, 120, 240, 480, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; 12-dB boost/cut. Pink-noise generator; electret-condenser mic; FL spectrum analyzer; meter-level adjust; output-level control; switchable subsonic filter. THD 0.005%; S/N 105 dB\$399

EQ-70 10-Band Graphic EQ

± 12 -dB boost/cut. Tape monitor with EQ-record function; defeat switch; LED-illuminated sliders\$199

ACOUSTIC ARTS

Messenger Subwoofer/Satellite System

Subwoofer with two 15-in drivers; two satellites, each with 2 midranges and 1 tweeter; active crossover. Features transmission-line satellite design with transmission line fabricated from dual cylinders; dual-band-pass subwoofer design with trapezoidal chambers; 6-dB/oct satellite slopes. Crossover point 85 Hz. Satellites 4½ x 51 x 7 in \$4,900

ACOUSTIC BY AUDIO TECHNOLOGY

Acoustic 4000 Subwoofer/Satellite System

Subwoofer with one 12-in driver; 2 satellites, each with one 4½-in woofer and one 2-in polycarbonate-dome tweeter. Power handling 200 W rms; sens 89 dB; imp 8 ohms. Black-ash finish. 35 lb \$800

Acoustic 2000 Subwoofer/Satellite System

Subwoofer with one 10-in driver; 2 satellites, each with one 4-in woofer and one 1-in soft-dome tweeter. Power handling 100 W rms; sens 89 dB; imp 8 ohms. Black-ash finish. 30 lb \$500

P-12 Powered Subwoofer

One 12-in driver; amp rated at 100 x 1 rms. Sens 89 dB; imp 8 ohms. Black-ash finish. 12 x 18 x 15 in; 26.5 lb \$400

T-800 2-Way Speaker

One 8-in woofer, one 1½-in dome tweeter. Power handling 150 W rms; sens 89 dB; imp 8 ohms. Black-ash finish. 14 x 28 x 10 in; 32 lb \$349

P-10 Powered Subwoofer

One 10-in driver; amp rated at 80 x 1 rms. Sens 88 dB; imp 8 ohms. Black-ash finish. 12 x 15 x 13 in; 20.5 lb \$300

ACOUSTIC ENERGY

Reference Series

The following feature patented Metal-Cone drivers.

AE-2 2-Way Bookshelf Speaker

Reflex design. Power handling 250 W rms; FR 60-18,000 Hz ±2.5 dB; sens 90 dB SPL/W/m. Rosewood-veneer finish. 9¼ x 15¼ x 13 in \$2,895/pr
Satin-black finish \$2,495/pr
Mass-loaded stand for above \$1,495/pr

AE-1 2-Way Bookshelf Speaker

Reflex design. Power handling 200 W rms; FR 70-22,000 Hz ±2.5 dB; sens 88 dB SPL/W/m. Rosewood-veneer finish. 7 x 11¼ x 10 in \$1,895/pr
Satin-black finish \$1,695/pr
Mass-loaded stand for above \$805/pr

Aegis Series

Model 2 2-Way Speaker

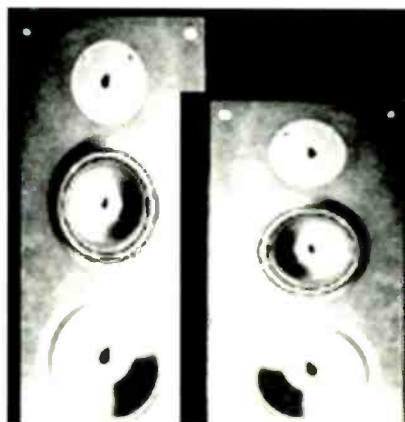
Reflex design with 6½-in metal-alloy woofer, Ferrofluid-cooled magnesium-alloy tweeter. Features phase-plug woofer compensation; 18-dB/oct crossover with polypropylene capacitors, iron-dust cored inductors, wire-wound resistors, OFC hand wiring, and silver soldering; internal cabinet bracing. Gold-plated biwire biamp binding posts. Power handling 150 W rms; crossover point 3,300 Hz; FR 45-18,000 Hz ±2.5 dB; sens 87 dB SPL/W/m; imp 8 ohms. 8½ x 38½ x 10½ in \$1,895/pr

Model 1. Bookshelf version of above. FR 50-18,000 ±2.5 dB; sens 86 dB SPL/W/m. Walnut, black-ash, or metallic-gray textured laminate finish. 8½ x 15½ x 10½ in \$895/pr
Stand for Model 1 \$329/pr

ACOUSTIC INTERFACE

Sound Prism 3-Way Powered Speaker

24 x 52-in compression woofer driven by 18-in driver, 13 x 22-in constant-directivity compression-horn midrange, 3 x 7¼-in compression-horn tweeter, woofer amp rated at 800 W rms, midrange amp rated at 300 W rms, tweeter amp rated at 100 W rms. Features wireless infrared or wired fiber-optic-digital sig-



nal transmission from line-level source; 12-dB/oct active crossover; 1½-in-thick compressed-wood cabinet; 2-in-thick concrete waveguide walls reinforced with glass and steel; fuse protection; tweeter overload protection; over-voltage, over-current, thermal overload, clipping, and DC protections. Crossover points 550 and 5,000 Hz; FR 10-20,000 Hz ±1 dB; sens 105 dB SPL/W/m; imp 8 ohms. Walnut/bronze or oak/stainless-steel finish. Dimensions: 27 x 80 x 36 in; 500 lb \$15,000

Sound Portal 3-Way Speaker

24 x 32½-in compression woofer driven by 15-in driver, 7 x 19-in constant-directivity compression-horn midrange, 5 x 6-in constant-directivity compression-horn tweeter. Features 12-dB/oct crossover with metal-foil capacitors and air-core coils; ¼-in-thick compressed-wood enclosure with internal bracing; 2-in-thick concrete waveguide walls reinforced with glass and steel; fuse protection; tweeter-overload protection. Midrange and tweeter level controls. Power handling 150 W rms; crossover points 800 and 5,000 Hz; FR 15-20,000 Hz ±2.5 dB; sens 101 dB SPL/W/m; imp 8 ohms. Walnut/bronze or oak/stainless-steel finish. 27 x 80 x 36 in; 175 lb \$7,500

Studio Reference 3-Way Speaker

12-in woofer, 4 x 15-in compression-horn midrange, 2 x 5½-in compression-horn tweeter. Features 12-dB/oct crossover with metal-foil capacitors and air-core coils; ¼-in-thick compressed-wood cabinet with 16 separate internal braces; fuse protection; tweeter-overload protection. Midrange and tweeter level controls. Power handling 125 W rms; crossover points 880 and 5,000 Hz; FR 22-20,000 Hz ±2.5 dB; sens 98 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 16 x 60 x 14 in; 102 lb \$2,190

Professional IIs 3-Way Speaker

12-in woofer, 2-in soft-dome midrange, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with metal-foil capacitors and air-core coils; ¼-in-thick compressed-wood enclosure with 12 separate internal braces; fuse protection. Midrange and tweeter level controls. Power handling 110 W rms; crossover points 800 and 6,600 Hz; FR 29-20,000 Hz ±2.5 dB; sens 95 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. Dimensions: 16 x 36 x 14 in; 80 lb \$890

Professional III. As above, 4-way design with 12-in woofer, 3-in lower midrange dome, 1½-in upper midrange dome, and ¾-in dome tweeter. 48-in height \$1,490

Transcendant 2-Way Speaker

12-in woofer, 1¼-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ¼-in compressed-wood enclosure with internal bracing; fuse protection. Tweeter-level control. Power handling 100 W rms; crossover point 1,900 Hz; frequency response 38-20,000 Hz ±2.5 dB; sensitivity 94 dB SPL/W/m; impedance 8 ohms. Walnut or oak finish. Dimensions: 16 x 32 x 12 in; 51 lb \$490

Intimate 2-Way Speaker

10-in woofer, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ¼-in-thick compressed-wood enclosure; fuse protection. Tweeter-level control. Power handling 100 W rms; crossover point 5,000 Hz; FR 49-20,000 Hz ±2.5 dB; sens 93 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 12 x 24 x 10 in; 29 lb \$290

Shadow 2-Way Speaker

Cylindrical design with 8-in woofer and 1-in dome tweeter. Features ¼-in-thick resin enclosure with ¼-in-thick compressed-wood base; 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors. Power handling 100 W rms; crossover point 5,000 Hz; FR 69-20,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black, brown, or white. 24½-in height x 8¾-in diameter; 18 lb \$190

Angstrom 2-Way Bookshelf Speaker

6½-in woofer, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ½-in-thick compressed-wood enclosure. Power handling 50 W rms; crossover point 5,000 Hz; FR 78-20,000 Hz ±2.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 7½ x 12¼ x 6½ in; 10 lb \$190
Charcoal-enamel finish \$150
Equalizer with subsonic filter for either of the above speakers \$129

ACOUSTIC RESEARCH

Model 303 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 1½-in dome midrange, ¾-in soft-dome tweeter. Power handling 250 W max; FR 32-20,000 Hz ±3 dB; sens 85 dB; imp 6.5 ohms. 15 x 25 x 11 in; 54 lb \$1,200/pr
Model 338. As above, 8-in woofer. Power handling 150 W max; FR 49-20,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. 10 x 19 x 6 in; 26 lb \$600/pr

Model 218V 2-Way Bookshelf Speaker

Acoustic-suspension design with 6½-in woofer and ¾-in soft-dome tweeter. Magnetic shielding. 7¼ x 13 x 7¼ in \$290/pr

a/d/s/

MS3 Powered Subwoofer

One 10-in copolymer driver; amp rated at 150 x 1 rms. Features computer-optimized dual-lamflow ¾-in-thick MDF bandpass cabinet; active-servo amplifier control; independently selectable low- and high-pass filters at 65, 85, or 100 Hz with 24-dB/oct slopes; 6-dB/oct speaker-level high-pass filter at 130 Hz. Magnetic shielding; auto music-sense circuitry; continuously variable phase control for low-pass filter \$999

S700 2-Way Speaker

One 7¼-in copolymer woofer, one 1-in copolymer-dome tweeter. Features ¼-in-thick MDF cabinet; computer-optimized crossover. Power handling 200 W; sens 88 dB SPL/W/m \$799/pr
S600. As above, 6½-in woofer. Power handling 150 W, FR 50-23,000 Hz ±3 dB \$649/pr
S500. As S700, 5¼-in woofer. Power handling 100 W, FR 60-23,000 Hz ±3 dB \$529/pr

MS2 Powered Subwoofer

One 8-in copolymer driver; amp rated at 85 x 1 rms. Features active-servo amplifier control; computer-optimized dual-lamflow ¾-in-thick-MDF bandpass cabinet; low-pass filter at 100 Hz; line-level high-pass filter at 100 Hz with selectable 6- or 18-dB/oct slope; speaker-level high-pass filter at 130 Hz with 6-dB/oct slope. Polarity-reverse switch \$799
MS1. As above, 7-in driver, amp rated at 65 W x 1 rms. FR 38-100 Hz ±3 dB \$599

SubSat3. Sub6 sub, two L300e satellites \$799
SubSat2. Sub6 sub, two L200e satellites \$699

L400e 2-Way Speaker

One 6½-in copolymer woofer, one 1-in copolymer-

dome tweeter. Features antiresonant extruded-aluminum cabinet; computer-optimized crossover with audiophile-grade components. Power handling 100 W; sens 90 dB SPL/W/m\$599/pr
L300e. As L400e, 5½-in woofer. Power handling 75 W; FR 68-23,000 Hz ±3 dB; sensitivity 90 dB SPL/W/m\$499/pr
L200e. As L400e, 4-in woofer. Power handling 50 W; FR 85-23,000 Hz ±3 dB; sens 88 dB SPL/W/m\$399/pr

AW4 2-Way Outdoor Speaker

One 4-in copolymer woofer, one 1-in copolymer-dome tweeter. Features computer-optimized crossover with audiophile-grade components. All-weather design. Power handling 100 W; sens 87 dB SPL/W/m\$379/pr

Sub 6 Subwoofer

One 6-in dual-voice-coil copolymer driver. Features MDF cabinet. Power handling 80 W; sens 89 dB SPL/W/m\$279

AV Series

AVT148 3-Way Speaker

One 8-in copolymer woofer, two 4-in copolymer-cone midranges, one 1-in copolymer-dome tweeter. Features neodymium tweeter magnet; 1-in-thick MDF cabinet. Magnetic shielding. Power handling 200 W; sens 89 dB SPL/W/m\$1,499/pr

AVS140 2-Way Bookshelf Speaker

One 4-in passive radiator, one 4-in copolymer woofer, one 1-in copolymer-dome tweeter. Power handling 100 W; sens 88 dB SPL/W/m\$649/pr

AVF144 2-Way Bookshelf Speaker

Two 4-in copolymer woofers, one 1-in copolymer-dome tweeter. Power handling 200 W; sens 89 dB SPL/W/m\$449

In-Wall Speakers

Model 750i/L 3-Way In-Wall Speaker

One 7½-in copolymer woofer, one 1½-in copolymer-dome midrange, one 1-in copolymer-dome tweeter. Power handling 150 W; sens 91 dB SPL/W/m. Paintable\$999/pr

Model 700i/r 2-Way In-Wall Speaker

One 8-in woofer, one 7-in ribbon tweeter. Power handling 100 W max; sensitivity 87 dB SPL/W/m; imp 8 ohms\$849/pr

Model 500i/r. As above, 6½-in woofer, 5-in ribbon tweeter\$749/pr

C400i/s 2-Way In-Wall Speaker

One 6½-in copolymer woofer, one 1-in copolymer-dome tweeter. Power handling 100 W; sens 90 dB SPL/W/m. Paintable\$499/pr

C300i/s. As above, 5½-in woofer. FR 50-23,000 Hz ±3 dB; sens 88 dB SPL/W/m\$399/pr

SW2 In-Wall Subwoofer

One 10-in copolymer driver. Features MDF cabinet; 3-in port. Power handling 100 W; sensitivity 87 dB SPL/W/m\$449

ADVANCED ELECTRODYNAMIC SYSTEMS

Cybele DLS-73 2-Way Speaker

Ported design with 8-in woofer and 2 x 6-in cylindrical waveguide tweeter. Adjustable spikes. Black cloth finish. 14½ x 44 x 10½ in; 60 lb\$1,200/pr

ADVENT

A1099 Powered Subwoofer

10-in long-throw driver; integral 100-W amplifier. Line- and speaker-level inputs and outputs. Crossover point continuously variable from 40-200 Hz; FR 35-200 Hz ±3 dB. Black stained solid-oak top; black-ash woodgrain sides. 15 x 15 x 15 in ...\$449

Video-Shielded Prodigy Tower 2-Way Speaker

8-in long-throw woofer, ½-in Ferrofluid-cooled parabolic soft-dome tweeter. Features fiberboard en-

sure. Magnetic shielding. Power handling 100 W rms; crossover point 3,000 Hz; FR 45-23,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black stained solid-oak top and base; black textured vinyl body. 10½ x 28½ x 8½ in\$349/pr

Gallery Series In-Wall 2-Way In-Wall Speaker

6½-in long-throw woofer, ½-in Ferrofluid-cooled polycarbonate hard-dome tweeter. Power handling 65 W rms; crossover point 4,500 Hz; FR 60-21,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. White paintable trim 10½ x 14½ in\$328/pr

Gallery Series In-Wall Mini. As above, 5½-in woofer. FR 80-21,000 Hz ±3 dB; sens 87 dB SPL/W/m. 8¾ x 12¾ in\$198/pr

Heritage 2-Way Speaker

Two 8-in long-throw woofers, one 1-in Ferrofluid-cooled parabolic soft-dome tweeter. Features fiberboard enclosure. Power handling 200 W rms; crossover point 3,500 Hz; FR 40-23,000 Hz ±3 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Oiled solid-pecan wood top and face; black textured vinyl body. 10½ x 37¼ x 13½ in; 46 lb\$325

Laureate. As above, 6½-in woofers. Power handling 150 W rms; crossover point 3,000 Hz; FR 42-23,000 Hz ±3 dB; sens 90 dB SPL/W/m. 9 x 32¼ x 12 in; 35 lb\$250

Prodigy Tower II 2-Way Speaker

8-in long-throw woofer, hard-dome tweeter. Features fiberboard enclosure. Power handling 100 W rms; crossover point 3,000 Hz; FR 45-23,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Oiled solid-pecan wood top and face; black textured vinyl body. 10½ x 28½ x 9 in\$318/pr

Mini II Subwoofer/Satellite System

Subwoofer III with two 6½-in long-throw drivers; two Indoor/Outdoor Mini-Advent IIs. Power handling 100 W rms; crossover points 180 and 4,500 Hz; FR 50-21,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black stained solid-oak subwoofer top and base. Subwoofer 15½ x 12¾ x 8½ in\$299

Legacy III 2-Way Speaker

10-in long-throw dual-voice-coil woofer, 1-in Ferrofluid-cooled polycarbonate soft-dome tweeter. Features particleboard enclosure. Power handling 125 cont (6 ohms), 100 W (8 ohms); crossover point 2,500 Hz; FR 42-23,000 Hz ±3 dB; sens 90 dB SPL/W/m (6 ohms); imp 6 or 8 ohms (switchable). Oiled solid-pecan wood top and face; black textured vinyl body. 14 x 32¾ x 10½ in; 42 lb\$200

Baby III 2-Way Bookshelf Speaker

6½-in long-throw woofer, ½-in Ferrofluid-cooled polycarbonate hard-dome tweeter. Features fiberboard enclosure. Power handling 65 W rms; crossover point 4,500 Hz; FR 60-21,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Solid-oak top and base; black textured vinyl body. 10½ x 16½ x 7½ in\$198/pr

Audio Cinema 2-Way Center-Channel Speaker

Two 5½-in woofers, tweeter. Features computer-designed tuned port, fiberboard enclosure. Magnetic shielding. Power handling 125 W rms; FR 60-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash vinyl. 18 x 6 x 6½ in\$169

Mini-Advent II 2-Way Bookshelf Speaker

5½-in long-throw woofer, ½-in Ferrofluid-cooled polycarbonate hard-dome tweeter. Power handling 50 W rms; crossover point 4,500 Hz; FR 110-21,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Solid-pecan top and base. 6½ x 11 x 5½ in\$158/pr

Indoor/Outdoor Mini-Advent II. As above, outdoor design with polypropylene woofer and weather-resistant black or white top and base\$158/pr

Audio Focus Center-Channel Speaker

Acoustic-suspension design with two 4-in dual-cones. Features fiberboard enclosure. Magnetic shielding. Power handling 90 W rms; FR 80-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Black textured vinyl. 15 x 7½ x 8 in\$129

Bookshelf I 2-Way Bookshelf Speaker

5½-in long-throw woofer, ½-in hard-dome tweeter. Power handling 50 W rms; FR 80-20,000 Hz ±3 dB. Woodgrain finish. 8 x 13¼ x 8½ in\$129/pr

Brackets Mini-Advent II. Mounting bracket for all Mini-Advent speakers\$49/pr

Powered Partners Series

Each of the following is magnetically shielded and designed for multimedia computer applications.

AV570 2-Way Powered Speaker

Acoustic-suspension design with 5-in long-throw polypropylene woofer and 1-in liquid-cooled polydome tweeter in wedge-shaped enclosure; integral 35-W amplifier. Auto turn-on/off; volume, bass, and treble controls. Battery pack, cigarette-lighter adaptor, or carry bag optional. FR 40-25,000 Hz. 6½ x 10½ x 7½ in\$399/pr

AV622 Powered Subwoofer/Satellite System

Powered filtered-suspension subwoofer with 6-in dual-voice-coil driver and amp rated at 30 W x 1; two powered acoustic-suspension satellites, each with one 2½-in long-throw driver and amp rated at 8 W x 1. Features forced-air cooling. Volume, bass, and treble controls. FR 50-20,000 Hz ±3 dB. Subwoofer 12¼ x 16 x 6 in. Satellites 3½ x 3¼ x 5½ in\$349

AV522 Powered Subwoofer

Filtered-suspension design with 6½-in dual-voice-coil driver; integral 30-W amp. FR 50-200 Hz ±3 dB. 16 x 6 x 13½ in\$249

AV42 Powered Speaker

Acoustic-suspension design with two 2½-in long-throw drivers; amp rated at 8 W x 1. Features active response shaping. Volume and tone controls. FR 80-20,000 Hz ±3 dB. 3¼ x 8¼ x 3½ in\$199/pr

AV22 Powered Speaker

Acoustic-suspension design with 2½-in long-throw driver; amp rated at 3 W x 1. Volume control; AC/DC operation. Includes charging cord. Frequency response 100-20,000 Hz ±3 dB. Dimensions: 3¼ x 5½ x 3½ in\$99/pr

AV411. Speaker with two 2½-in full-range drivers\$69/pr

AV211. Speaker with 2½-in full-range driver\$49/pr

AERIAL ACOUSTICS

Model 10T 3-Way Speaker

5½-in dual-Kevlar-cone epoxy-laminated long-throw midrange and 1-in aluminum-dome tweeter in one Novelith Acoustical Composite enclosure; 10½-in polypropylene-composite long-throw woofer in 2nd 1-in-thick MDF vented enclosure. Features cast-magnesium woofer and midrange frames; vented woofer and midrange magnets; two coupled rear tweeter chambers; 24-dB/oct Linkwitz-Riley crossover networks with polypropylene capacitors and low-oxygen-copper air-core coils; 99.997%-pure copper wire and silver solder used throughout. Biwire/biamp inputs. Crossover points 360 and 2,700 Hz; FR 28-20,000 Hz ±2 dB; sens 86 dB SPL/W/m; imp 4 ohms. Ash midrange/tweeter-enclosure finish with satin-black paint; walnut woofer-enclosure finish with rosewood stain and polished lacquer. 13¼ x 41½ x 19 in assembled. Woofer cabinet 75 lb. Midrange/tweeter cabinet 30 lb\$4,995/pr

Model 7 2-Way Speaker

One 9-in bilaminate composite-cone woofer, one 1-in aluminum-dome tweeter. Features cast-magnesium woofer basket with aerodynamic ribbing; butyl-rubber woofer surround; vented woofer magnet structure; dual-chamber vented and damped tweeter magnet structure; linear tweeter suspension; crossover with polypropylene capacitors. OFC air-core inductors, mil-spec glass-epoxy circuit board, and silver solder; MDF cabinet with 5 shell braces. Biwire/biamp terminals. Crossover point 2,200 Hz; FR

S P E A K E R S

35-20,000 Hz ± 2 dB; sens 86 dB SPL/W/m; imp 4 ohms. Architectural walnut with rosewood stain and polished lacquer or satin-black paint; blond-tiger maple with clear-polished lacquer available. 10 x 41 x 13 1/2 in; 80 lb\$2,795/pr

Model 52-Way Bookshelf Speaker

One 7-in polypropylene woofer, one 1-in aluminum-dome tweeter. Features cast-magnesium woofer basket with aerodynamic ribbing; butyl-rubber woofer surround; vented woofer magnet structure; dual-chamber vented tweeter magnet structure; polyimide tweeter suspension; crossover with polypropylene capacitors, OFC air-core coils, and mil-spec glass-epoxy circuit board; MDF cabinet with figure-8 vertical brace and figure-C horizontal brace. Bi-wire/biamp terminals. Crossover point 2,500 Hz; FR 70-20,000 Hz ± 2 dB; sens 85 dB SPL/W/m; imp 4 ohms. Architectural walnut finish with rosewood stain and polished lacquer or satin-black paint; blond-tiger maple with clear polished lacquer available. 8 1/2 x 13 x 10 1/4 in; 24 lb\$1,595/pr

AES

AES Premier Home Theater System

Three AES-200S, two AES-50S, and one AES-400W\$895

AES-400W In-Wall Subwoofer

Dual-voice-coil driver. Features moisture resistance; protection circuit. Power handling 100 W/ch; FR 28-90 Hz; imp 8 ohms\$295

AES-300W. As above, single-voice-coil driver. Power handling 150 W\$229

AES-200S 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 1-in liquid-cooled tweeter. Features magnet structure with vented pole piece; moisture resistance; protection circuit. Power handling 100 W; FR 40-20,000 Hz; imp 8 ohms\$180

AES-100S 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 3/4-in liquid-cooled dome tweeter. Features moisture resistance; protection circuit. Power handling 80 W; FR 55-20,000 Hz; imp 8 ohms\$125

AES-50S. As above 5 1/4-in woofer. Power handling 60 W; FR 70-20,000 Hz\$100

AES-25M In-Wall Speaker

5 1/4-in dual-voice-coil dual-cone. Features moisture resistance. Power handling 60 W; FR 70-18,000 Hz\$80

AES-30F. As above, round\$80

ALLISON ACOUSTICS

PD-12.4 4-Way Speaker

Acoustic-suspension design with 12-in woofer, 8-in midbass, 4-in midrange, and 1-in convex tweeter. Magnetic shielding. Power handling 250 W; crossover points 85, 450, and 4,000 Hz; FR 23-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Solid wood pecan finish. 14 x 45 x 15 in\$2,879/pr

PD-8.3 3-Way Speaker

Acoustic-suspension design with two 8-in woofers, one 4-in cone midrange, and one 1-in convex tweeter. Magnetic shielding. Power handling 200 W; crossover points 450 and 4,000 Hz; FR 35-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Solid wood pecan finish. 14 x 34 x 13 in\$1,799/pr

MS-P10 Powered Subwoofer

Vented design with 10-in driver; 125-W amp. Line- and speaker-level inputs; high-pass outputs. Features high-pass crossover selectable at 80, 100, or 120 Hz; low-pass crossover variable from 50-150 Hz. Volume control. Black lacquer on wood finish. 16 x 16 x 16 in; 47 lb\$547

NL-5400 Subwoofer

Acoustic-suspension design with 12-in driver. Power handling 250 W; crossover point 80 Hz; FR 28-90 Hz; sens 89 dB SPL/W/m. Black lacquer on wood finish.

19 x 19 x 19 in; 65 lb\$459

NL-1440 2-Way Surround Speaker

Acoustic-suspension design with 8-in woofer and 1-in convex tweeter. Magnetic shielding. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. Black lacquer on wood finish. 11 x 10 x 18 in; 19 lb\$329

NL-654. As above, 6-in woofer. Crossover point 2,500 Hz. 9 x 18 x 13 in\$279

AL Series

Models feature a 5-yr warranty.

AL-130 3-Way Speaker

Acoustic-suspension design with two 8-in woofers, one 3 1/2-in hand-assembled Ferrofluid-cooled convex-diaphragm midrange, and one 1-in silicone-cooled convex-diaphragm tweeter. Features push-pull woofer configuration. Power handling 200 W; crossover points 450 and 4,000 Hz; sens 90 dB; imp 6 ohms. Black-vinyl finish. Dimensions: 12 1/2 x 37 1/2 x 14 1/4 in; 57 lb\$1,200/pr

AL-120 2-Way Speaker

Acoustic-suspension design with two 6-in woofers and one 1-in hand-assembled Ferrofluid-cooled convex-diaphragm tweeter. Features push-pull woofer configuration. Power handling 200 W; crossover points 100 and 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. Black-vinyl. 11 1/2 x 23 1/2 x 11 1/2 in\$660/pr

AL-115 2-Way Speaker

Acoustic-suspension design with 8-in woofer and 1-in hand-assembled Ferrofluid-cooled convex-diaphragm tweeter. Features woofer hand-treated with proprietary energy-absorbent compound. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. Dimensions: 11 1/2 x 20 x 10 1/4 in; 22 lb\$460/pr

MS Series

The following are designed for home theater systems and feature a black-lacquer finish and a 5-year warranty.

MS-200 2-Way Satellite Speaker

4-in midrange, 1/2-in Mylar-dome tweeter. Magnetic shielding. Power handling 50 W rms; crossover point 140 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 5 1/2 x 10 x 5 1/4 in; 6 lb\$260/pr

MS-W4 Subwoofer

8-in driver. Power handling 75 W rms; crossover point 200 Hz; sens 86 dB; imp 2-8 ohms. 11 x 11 x 11 in; 16 lb\$210

MS-202 2-Way Center-Channel Speaker

Two 3-in midranges, one 1/2-in Mylar-dome tweeter. Magnetic shielding. Power handling 50 W rms; sens 86 dB; imp 8 ohms. 19 x 5 x 11 in; 10 lb\$180

ALON

Phalanx 4-Way Speaker

10-in sealer woofer, five 5-in dipole midranges, and one 1-in dipole aluminum-dome tweeter; external crossover. Features cobalt driver magnets. High-gloss black-ash veneer finish; piano-black polyester finish available. FR 32-25,000 Hz ± 3 dB; sens 87 dB. Crossover: 14 x 9 x 36 in. Speaker dimensions: 12 1/2 x 58 x 17 1/2 in\$20,000/pr

Alon V 3-Way Speaker

10-in sealed woofer, 5-in dipole midrange, 1-in dipole aluminum-dome tweeter. Cobalt midrange magnet. FR 34-25,000 Hz ± 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood finish available. 12 1/2 x 49 1/2 x 15 1/2 in; 95 lb\$4,800/pr

Alon IV 3-Way Speaker

12-in sealed woofer, 5-in dipole midrange, 1-in dual-chamber aluminum-dome tweeter. Cobalt midrange magnet. FR 29-25,000 Hz ± 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. 14 x 46 x 18 in; 105 lb\$3,500/pr

Alon II 3-Way Speaker

10-in sealed woofer, 5-in dipole midrange, 1-in dual-chamber aluminum-dome tweeter. FR 39-25,000 Hz; ± 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. 11 x 42 x 13 1/2 in; 55 lb\$1,950/pr

Alon I 3-Way Speaker

8-in sealed woofer, 4 1/2-in dipole midrange, 3/4-in aluminum-dome tweeter. FR 49-25,000 Hz ± 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. Dimensions: 9 x 38 x 13 1/4 in; 40 lb\$1,290/pr

C-2 3-Way Center-Channel Speaker

8-in sealed woofer, 5-in dipole midrange, and dual-chamber aluminum-dome tweeter. Features bi-wired crossover. FR 49-25,000 Hz ± 3 dB; sens 87 dB. Black-ash veneer finish. 22 x 24 1/4 x 13 in; 50 lb\$1,200

C-2S. As above, tweeter is 1-in cobalt-aluminum dipole dome. Cobalt driver magnets; triwired crossover\$1,200

SW-1 Subwoofer

Sealed design with two 12-in drivers. FR 24-150 Hz ± 3 dB; sens 87 dB. Black-ash veneer finish. 25 x 15 1/4 x 25 in; 100 lb\$990

C-1 2-Way Center-Channel Speaker

Sealed bipolar design with two 5-in woofers and two 1-in aluminum-dome tweeters on front and rear. Features damped MDF enclosure. Magnetic shielding. FR 80-25,000 Hz ± 3 dB; sens 87 dB. Black- or white-ash veneer. 15 x 6 1/2 x 9 in; 20 lb\$600

ALTEC LANSING

Bias 550 5-Way Powered Speaker

Two 10-in subwoofers, 8-in woofer, 6-in midbass, 2-in midrange, and 1-in tweeter; 5 Class A/B amplifiers for 700-W output with 0.05% THD. Features woven-carbon subwoofers, woofer, and midbass; diamond-dust coated-polyimide midrange and tweeter; separate cabinets for each subwoofer, each surrounded by 3/4-in bars of foam rubber; Butterworth crossover. Separate volume control for each driver; swivels for midranges and tweeters. Crossover points 80, 150, 450, 1,500, and 4,500 Hz; frequency response 20-20,000 Hz ± 2 dB. Dimensions: 19 x 71 x 24 in; 437 lb\$6,000

Model 511 4-Way Speaker

Two 10-in woven-carbon fiber woofers, one 6 1/2-in midbass, one 2-in diamond-dust coated-polyimide midrange, and one 1-in liquid-cooled tweeter. Gold-plated biwire/triwire/quadwire terminals. Power handling 300 W max; crossover points 180, 1,500, and 3,500 Hz; FR 30-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 6 ohms. Walnut veneer or black finish. 13 x 57 x 13 1/2 in\$1,500

AHT-2300 THX Powered Subwoofer

Two 10-in long-throw woven-carbon fiber drivers; amp rated at 100 W with 0.1% THD. Features THX certification; multiple-path configuration; selectable 18- or 24-dB/oct crossover. Crossover point selectable at 50, 80, 100, or 150 Hz; FR 26-180 Hz ± 3 dB. Black. 17 1/2 x 17 1/2 x 17 1/2 in\$1,200

PSW10 Powered Subwoofer

10-in long-throw carbon driver; amp rated at 100 W with 0.1% THD. Features dynamic EQ circuit; subsonic filter; selectable 18- or 24-dB/oct crossover slope. Gain control. Crossover point selectable at 50, 80, 100, or 150 Hz; FR 26-180 Hz ± 3 dB. Walnut veneer or black finish. 17 1/2 x 17 1/2 x 17 1/2 in\$850

Model 510 3-Way Speaker

Two 10-in woven-carbon fiber woofers, 2-in midrange, 1-in tweeter. Features elastomer surrounds; liquid-cooled titanium-coated polyimide midrange and tweeter. Gold-plated biwire/triwire terminals. Power handling 300 W max; crossover point 550 and 3,500 Hz; FR 30-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 4 ohms. Walnut veneer or black fin-

S P E A K E R S

ish. 12 x 49 x 13 1/2 in \$800
Model 508. As Model 510, 8-in woofers. Not bi-wirable/tri-wirable. Power handling 250 W max; FR 32-22,000 Hz; sens 90.5 dB SPL/W/m; imp 6 ohms. 10 1/4 x 40 1/2 x 11 in \$550

System 3 Subwoofer/Satellite System

Subwoofer with two 8-in long-throw carbon-filled polypropylene drivers; 2 satellites, each with two 3-in carbon-filled polypropylene midranges and one 1/2-in dome tweeter. Power handling 160 W max; crossover points 180 and 4,500 Hz; FR 32-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 12 x 9 1/4 x 20 in. Satellites 4 x 8 1/2 x 3 3/4 in \$600

AHT-2100 THX Surround Speaker

Two 4-in long-throw carbon-filled polypropylene woofers, four 3/4-in carbon-filled polypropylene midranges, two 1/2-in liquid-cooled polyimide-dome tweeters. Features THX certification. Power handling 150 W max; crossover points 180, 3,000 (high-pass), and 3,500 (low-pass) Hz; FR 80-20,000 Hz; sens 89 dB SPL/W/m. Black or white. 11 x 15 1/2 x 6 1/4 in. \$450

Model 520 2-Way Speaker

Two 5 1/4-in polypropylene woofers. 1/2-in liquid-cooled soft-dome tweeter. Magnetic shielding. Power handling 180 W max; crossover point 3,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black vinyl finish. 7 1/4 x 35 x 9 1/2 in \$375
Model 220. As above, one woofer. Power handling 100 W max; FR 70-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m. 7 1/4 x 21 x 9 1/2 in \$175

AHT-2200 2-Way THX Front Speaker

Acoustic-suspension design with two 5 1/4-in carbon-filled polypropylene woofers and one 1/2-in dome tweeter. May also be used as a center speaker in home theater system. Features THX certification; fiberglass-filled ABS enclosure. Magnetic shielding. Power handling 150 W max; crossover point 2,500 Hz; FR 70-20,000 Hz; sens 89 dB SPL/W/m. Black or white. 7 1/4 x 15 1/4 x 7 in \$300

Model 100 3-Way Speaker

Two 8-in woofers, 4-in midrange, 1/2-in liquid-cooled formed-polyester tweeter. Features carbon-filled polypropylene woofers and midrange with butyl-rubber surrounds. Power handling 200 W max; crossover points 250 and 3,500 Hz; FR 38-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 10 1/4 x 40 1/2 x 11 in \$250

Model 96. As above, 2-way with two 6-in woofers and 1/2-in tweeter. Power handling 150 W max; crossover point 3,500 Hz; FR 39-20,000 Hz ± 3 dB. 8 1/4 x 32 x 9 1/2 in \$200

Model 95. As Model 100, one woofer. Power handling 120 W max; FR 40-20,000 Hz ± 3 dB. 12 x 22 x 9 in \$150

Model 66 2-Way Outdoor Speaker

Acoustic-suspension design with 6-in carbon-filled polypropylene woofer and polyimide-dome tweeter. Features elastomer woofer surround; fiberglass-filled ABS enclosure. Magnetic shielding. Power handling 200 W max; crossover point 3,500 Hz; FR 45-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. 7 1/4 x 15 1/4 x 7 in \$200

SW8 Subwoofer

Ported design with 8-in long-throw driver. Power handling 100 W max; crossover point 180 Hz; FR 35-250 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms x 2. Dark oak or black finish. 14 1/2 x 10 1/2 x 11 1/2 in \$150

ITW 265 2-Way In-Wall Speaker

Infinite-baffle design with 6 1/2-in woofer and 1/2-in polyester-dome tweeter. Features carbon-filled ABS molded frame. Mid- and high-frequency roll-off controls. Power handling 100 W max; crossover point 3,500 Hz; FR 40-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 8 1/4 x 12 x 4 in \$150

Model 120 Surround Speaker

Dipole design with one 5 1/4-in woofer and two 3-in

side-firing full-range drivers. Power handling 80 W max; crossover point 400 Hz; FR 100-7,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black. 7 1/4 x 11 1/2 x 5 1/2 in \$125

Model 55 2-Way Outdoor Speaker

Acoustic-suspension design with woven-carbon fiber woofer and polyimide-dome tweeter. Features glass-filled ABS cabinet. Power handling 80 W max; crossover point 3,500 Hz; FR 85-20,000 Hz ± 3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Black or white. 6 1/2 x 9 1/2 x 5 1/2 in \$125

Model 85 2-Way Bookshelf Speaker

6 1/2-in carbon-filled textured-polypropylene woofer, 1/2-in formed-polyester dome tweeter. Power handling 100 W max; crossover point 3,500 Hz; FR 50-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 9 1/2 x 17 x 8 1/2 in \$100

Model 44 2-Way Center-Channel Speaker

Two 4-in carbon-filled polypropylene woofers, 1/2-in liquid-cooled dome tweeter. Magnetic shielding. Power handling 80 W max; crossover point 3,500 Hz; FR 85-20,000 Hz ± 3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Black or white. 5 1/2 x 11 x 7 1/2 in \$90

Model 75 2-Way Bookshelf Speaker

5 1/4-in woofer, 1/2-in dome tweeter. Magnetic shielding. Power handling 80 W max; crossover point 4,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 6 x 9 1/2 x 6 1/2 in \$80

Model 56 2-Way Outdoor Speaker

Acoustic-suspension design with 5 1/4-in carbon-filled polypropylene woofer and 1/2-in liquid-cooled dome tweeter. Features engineering-plastic construction. Power handling 80 W max; crossover point 4,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 6 1/4 x 9 1/2 x 5 1/2 in \$63

Computer Speakers

The following are designed for use with multimedia computers.

ACS300.1 Powered Subwoofer/Satellite System

Multiple-path acoustic-chamber powered subwoofer with two 4-in long-throw drivers; 2 clam-shell powered satellites, each with 4-in woofer and liquid-cooled 1/2-in dome tweeter; 18-W subwoofer amp; 18-W satellite amp. Features dynamic equalization; 24-dB/oct crossover. Headphone jack. Magnetic satellite shielding; bass, treble, balance, volume, and A/B mixing controls. Crossover point 120 Hz; FR 35-20,000 Hz ± 3 dB \$350

ACS3 Powered Subwoofer/Satellite System

Multiple-path acoustic-chamber powered subwoofer with two 4-in long-throw drivers; 2 satellites, each with 3-in woofer and fold-away liquid-cooled 1/2-in dome tweeter; 30-W system amp. Inputs for 2 sources; headphone jack. Magnetic satellite shielding; bass, treble, volume, and 2-source mixing controls. FR 40-20,000 Hz ± 3 dB \$250

ACS100.1. As above, satellites only with amp rated at 12 W with 0.8% THD. FR 80-20,000 Hz \$150

ACS150 Powered Subwoofer

Multiple-path acoustic chamber with two 4-in dual-voice-coil long-throw drivers; amp rated at 20 W with 10% THD. Crossover point 250 Hz \$150

ACS50 2-Way Powered Speaker System

2 powered satellites, each with 1 1/4 x 2 1/2-in woofer and 1/2-in liquid-cooled dome tweeter. Separate amp module rated at 4.5 W x 2. Components mountable directly on monitor. Features dynamic bass- and treble-boost circuitry. Headphone jack. Magnetic satellite shielding; LED indicator; volume control. FR 100-20,000 Hz \$100

APOGEE

Grand 4-Way Ribbon Speaker System

Two 12-in trapezoidal woofer ribbons, separate

midrange and tweeter ribbons; subwoofer amp; tweeter amp. Subwoofer, woofer, midrange, and tweeter level controls. Power handling 500 W; crossover points 70, 250, and 9,000 Hz; FR 15-25,000 Hz; imp 3 ohms. Various finishes. 32 x 86 x 38 in; 1,200 lb \$80,500-\$85,500/pr

Studio Grand 3-Way Ribbon Speaker System

Subwoofer with two 10-in drivers; main speaker with trapezoidal woofer ribbon and separate midrange and tweeter ribbons; external active crossover with balanced connectors. Power handling 250 W; crossover points 60 and 500 Hz; FR 30-20,000 Hz main speaker, 20-70 Hz subwoofer; imp 3 ohms. Black-sand, light-oak, or mahogany finish; other finishes available. 17 x 28 1/2 x 25 in; 420 lb \$12,595/pr

Studio Grand 3-Way Ribbon Speaker

Trapezoidal woofer ribbon; midrange/tweeter ribbons. Power handling 250 W; crossover point 500 Hz; FR 30-30,000 Hz. Black-sand, light-oak, or mahogany finish; other finishes available. 66 x 28 1/2 x 3 in; 220 lb \$7,495/pr

Centaurus Slant 8 2-Way Ribbon Speaker

Ported design with 8-in long-throw cone woofer and 48-in dipole midrange/tweeter ribbon. Features slanted enclosure back. Power handling 250 W; crossover point 500 Hz; FR 26-20,000 Hz; imp 6 ohms. Black or taupe finish. 59 1/2 x 17 1/4 in; 240 lb \$3,995/pr

Centaurus Slant 6. As above, 6 1/2-in woofer, 26-in midrange/tweeter. Power handling 200 W; crossover point 1,000 Hz; FR 32-20,000 Hz. Black finish. 52 1/2 x 14 1/2 x 14 1/2 in; 160 lb \$1,995/pr
 Shielded version of Slant 6 \$2,195/pr

Stage 2-Way Ribbon Speaker

Trapezoidal woofer ribbon, midrange/tweeter ribbon. Power handling 200 W; crossover point 800 Hz; FR 35-20,000 Hz; imp 3 ohms. Black-sand, light-oak, or mahogany front cover; other finishes available. 37 x 25 x 2 in; 120 lb \$2,995/pr

Stage Subwoofer

Two 8-in drivers. Designed for Stage 2-way speaker. Features external active crossover with balanced connectors. FR 20-80 Hz; imp 3 ohms. Black-sand finish. 11 x 26 1/2 x 18 1/4 in; 110 lb \$2,595/pr
Minigrand. As above; includes Stage 2-way speaker \$5,595/pr

Centaurus Column 2-Way Ribbon Speaker

Ported design with 6 1/2-in long-throw cone woofer and 26-in dipole midrange/tweeter ribbon. Features oblique angle reflector for placement against rear wall. Power handling 200 W; crossover point 1,000 Hz; FR 35-20,000 Hz; imp 6 ohms. 60 x 13 x 9 1/2 in; 150 lb \$1,495/pr
 Shielded version of above \$1,695/pr

Centaurus Ribbon-Wall 2-Way In-Wall Speaker

6 1/2-in cone woofer. 26-in dipole midrange/tweeter ribbon. Power handling 200 W; crossover point 1,200 Hz; FR 40-20,000 Hz; imp 6 ohms. Paintable grille. Cutout 12 1/2 x 48 in. 52 x 12 x 3 1/4 in; 80 lb \$1,350/pr
 On-wall version \$1,450/pr
 Shielded version of above \$1,650/pr

2-Way Ribbon Center-Channel Speaker

Two 6 1/2-in long-throw cone woofers, shielded 16-in dipole midrange/tweeter ribbon. Power handling 200 W; crossover point 1,200 Hz; FR 60-20,000 Hz; imp 6 ohms. Black or white. Dimensions: 20 x 23 1/2 x 9 1/2 in; 60 lb \$1,195/pr

ARANT

The following feature a 5-yr warranty and real walnut enclosures.

A-200 3-Way Speaker

Vented design with 10-in woofer, 4 1/2-in dome midrange, 1-in dome tweeter. Crossover points 800 and 3,500 Hz; FR 34-22,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 6 ohms \$770/pr

S P E A K E R S

A-100 2-Way Speaker

8-in polyfiber woofer, dome tweeter. Power handling 150 W max; crossover point 2,000 Hz; FR 36-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 10 x 28 x 10 in\$600/pr

A-140 2-Way Speaker

6½-in woofer, 1-in dome tweeter, passive radiator. Crossover point 2,700 Hz; FR 32-22,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 11 x 19 x 11 in; 24.5 lb\$550/pr

A-80 2-Way Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Crossover point 2,000 Hz; FR 38-22,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 11 x 19 x 10 in; 19 lb\$520/pr

A-60 2-Way Speaker

Vented design with 6½-in woofer, 1-in dome tweeter. Crossover point 2,500 Hz; FR 49-22,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$330/pr

A-40 2-Way Speaker

4½-in woofer, ¾-in dome tweeter. FR 60-22,000 Hz -3 dB; sens 86 dB; imp 6 ohms\$220/pr

ARCAM

Delta 2 2-Way Bookshelf Speaker

Ported reflex-loaded design with 6½-in polypropylene woofer and ¾-in soft-dome tweeter. Features cast woofer basket; 8-element crossover; cabinet cross bracing; Medite front baffles. Biwire/biamp terminals. Power handling 75 W; crossover point 3,000 Hz; FR 40-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish. Dimensions: 9 x 15½ x 11½ in\$749/pr

ASB

SR-IV MkII 3-Way Speaker

Transmission-line design with two 8-in woofers, one 5½-in cone midrange, and one 1-in inverted ceramic-dome tweeter. Power handling 150 W max; crossover points 100 and 4,000 Hz; FR 22-20,000 Hz ±3 dB. Walnut veneer finish. Dimensions: 11 x 60 x 17 in; 90 lb\$6,995/pr

SR-III MkII 3-Way Speaker

Transmission-line design with 8-in woofer, 5½-in cone midrange, and 1-in titanium-dome tweeter. Power handling 150 W max; crossover points 100 and 4,000 Hz; FR 32-25,000 Hz ±3 dB. Walnut veneer finish. 11 x 46 x 14 in; 70 lb\$4,995/pr

SR-I MkII 2-Way Speaker

Transmission-line design with 5½-in woofer and 1-in titanium-dome tweeter. Power handling 80 W max; crossover points 4,000 Hz; FR 40-20,000 Hz ±3 dB. Walnut veneer finish. Dimensions: 11 x 36 x 8 in; 60 lb\$1,995/pr

AB 100 MkII 2-Way Speaker

Bass-reflex design with 6½-in woofer and 1-in soft-dome tweeter. Power handling 80 W max; crossover points 2,500 Hz; frequency response 48-20,000 Hz ±3 dB. Walnut veneer finish. Dimensions: 11 x 20 x 8 in; 20 lb\$799/pr

ATLANTIC TECHNOLOGY

System 250 Series

Model 252PBM Powered Subwoofer

12-in long-throw driver; amp rated at 40 x 3 or 90 x 1. Features crossover selectable at 80 or 120 Hz with 24-dB/oct low-pass slope and 12-dB/oct high-pass slope. Bass-boost circuitry; bass and treble controls\$599

Model 251LR 2-Way Speaker

Two 4-in long-throw woofers, one ¾-in soft-dome tweeter. Features MDF cabinet; narrow design for minimal baffle interference. Magnetic shielding. Power handling 120 W rms. Black\$299/pr
Above in white\$319/pr

Model 254SR 2-Way In-Wall Surround Speaker

One 4-in long-throw woofer, two 3½-in mid/tweeters. Features absolute-phase inversion between mid/tweeters; mid/tweeter angling for spatial enhancement. Power handling 150 W rms. Black\$299/pr
Above in white\$319/pr

Model 253C 2-Way Center-Channel Speaker

Two 4-in long-throw woofers, one ¾-in soft-dome tweeter. Features 2 specially designed EQ circuits for spectral and tonal balance between left and right speakers. Magnetic shielding; adjustable aiming platform. Power handling 150 W rms\$279

System 150 Series

Model 152PBM Powered Subwoofer

8-in polypropylene driver; amplifiers rated at 30 W x 3, 70 x 1. Features crossover selectable at 80 or 120 Hz with 24-dB/oct low-pass slope and 12-dB/oct high-pass slope. Bass-boost circuitry; bass and treble controls\$499

Model 151LR 2-Way Bookshelf Speaker

One 4-in polypropylene woofer, one ½-in soft-dome tweeter. Magnetic shielding. Black molded cabinet. Power handling 120 W rms\$149/pr
Above in white\$169/pr

Model 154SR Surround Speaker

Two 3½-in polypropylene drivers. Features diagonal mounting and reverse phase between drivers for randomization of surround channels\$149/pr
Above in white\$169/pr

Model 153C 2-Way Center-Channel Speaker

Two 3½-in polypropylene woofers, one ½-in soft-dome tweeter. Features symmetrical horizontal driver alignment. Magnetic shielding; adjustable aiming platform. Power handling 120 W rms\$139

AUDIENCE

Au24/AV Bookshelf Speaker

Features no printed circuit boards; 100% hard-wiring with functionally pure copper wire and silver-bearing copper; Slderealkap capacitors and air-core inductors. Solid-brass gold-plated binding posts for 10-gauge wire, spade lugs, rings, or banana plugs. Magnetic shielding. Floor/shelf stand or wall-mount bracket optional. 4¾ x 7¾ x 4¾ in; 3 lb\$519/pr
Au24. As above, without shielding\$499/pr

AUDIO ARTISTRY

Dvorak Subwoofer/Satellite System

Two subwoofers, each with two 12-in drivers; two satellites, each with one 8-in woofer and one 1-in tweeter; active crossover. FR 20-25,000 Hz ±2.5 dB; sens 88 dB. 175 lb\$5,990

Mozart 2-Way Speaker

Two 6-in woofers, one 1-in tweeter. Features 24-dB/oct crossover. Crossover point 1,800 Hz; FR 46-25,000 Hz ±2.5 dB; sens 89 dB. Dimensions: 9 x 41 x 16 in; 70 lb\$2,795/pr
Mozart Signature. As above\$3,495/pr

AUDIO CONCEPTS/ACI

Sapphire III 2-Way Bookshelf Speaker

One 7-in hybrid-aperiodic Kevlar woofer, one 1-in hand-damped textile-dome tweeter. Sens 90 dB SPL/W/m. Lacquered-oak, black-oak, lacquered-cherry, or unfinished-cherry finish. Dimensions: 10 x 16 x 10 in\$1,699/pr

Sub 1 Subwoofer

One 12-in dual-voice-coil driver. Features patented synthesized-bandpass design. Sens 90 dB SPL/W/m. Lacquered-oak, black-oak, lacquered-cherry, or unlacquered-cherry finish. 14 x 25 x 15 in\$1,599/pr

Titan Powered Subwoofer

One 12-in driver; amp rated at 250 x 1. Crossover point variable from 50-180 Hz; FR 20-150 Hz ±3 dB. Lacquered-oak, black-oak, lacquered-cherry, or un-

finished-cherry finish. 14 x 27 x 16 in\$1,299

LV Subwoofer

Aperiodic design with one 12-in dual-voice-coil driver. Crossover point 100 Hz; FR 35-100 Hz ±3 dB; sens 89 dB SPL/W/m. Lacquered-oak, black-oak, lacquered-cherry, or unlacquered-cherry finish. 14 x 25 x 15 in\$649

LV Satellite 2-Way Bookshelf Speaker

One 5½-in woofer, one 1-in aluminum-dome tweeter. Sens 89 dB SPL/W/m. Lacquered-oak, black-oak, lacquered-cherry, or unfinished-cherry finish. 7 x 11 x 10 in\$599/pr

B-Flat 2-Way In-Wall Speaker

One 6½-in polypropylene woofer, one 1-in dome tweeter. Sens 89 dB SPL/W/m. Paintable cabinet available in white plastic. 9 x 12 x 3 in\$349/pr

AUDIOFILE HOME THEATER

Pulse Series System Three Home Theater System

Subwoofer with 8-in driver; two front speakers; center-channel speaker; 2 surround speakers. FR 80-18,000 Hz center channel, 40-20,000 Hz surround, 20-20,000 Hz front; imp 8 ohms. Black pica finish. 58 lb\$400

Pulse Series System Two. As above, without front speakers. 32 lb\$250

Pulse Series System One. As System Two, without subwoofer. 16 lb\$150

Sub 6.5 A2 Powered Subwoofer

Two 6½-in drivers; 100-W amp. FR 40-200 Hz; impedance 8 ohms. Black-ash finish. Dimensions: 22 x 9 x 14 in; 35 lb\$360

AF 1200 Subwoofer/Satellite System

Subwoofer with 12-in driver; two satellites, each with 4-in midrange and 1-in soft-dome tweeter. Power handling 100 W rms; FR 40-20,000 Hz; imp 8 ohms. Black-ash finish. 42 lb\$230

M 6.5 2-Way Bookshelf Speaker

6-in woofer, 1-in soft-dome tweeter. Power handling 55 W rms; FR 50-20,000 Hz; imp 8 ohms. Black-ash finish. 8½ x 15 x 8 in; 12 lb\$200/pr

M 12.0 3-Way Speaker

12-in woofer, 3-in midrange, 1-in soft-dome tweeter. Power handling 120 W rms; FR 35-20,000 Hz; imp 8 ohms. Black-ash finish. 14 x 30 x 11 in; 32 lb\$150

Sat 4.0 2-Way Surround Speaker

4-in woofer, 1-in soft-dome tweeter. Power handling 50 W rms; FR 65-20,000 Hz; imp 8 ohms. Black-ash finish. 6½ x 10 x 5½ in; 7 lb\$150/pr

TV 4.5 2-Way Center-Channel Speaker

Two 4½-in woofers, one ¾-in dome tweeter. Power handling 50 W rms; FR 100-8,000 Hz; impedance 8 ohms. Black-ash finish. Dimensions: 15½ x 6 x 7 in; 11 lb\$130

AUDIO NOTE

Model 3/L 2-Way Speaker

Rear-ported design with 8-in paper-cone woofer and ¾-in Ferrofluid-cooled dome tweeter. Features AN-L pure-copper wiring; 0.1-dB variation within pair. Imp 6 ohms. Black-ash or rosewood veneer finish. 14¾ x 32 x 11½ in; 43 lb\$2,995/pr

Model 3/SPX. As above, AN-SPX pure-silver wiring; 0.05-dB variation. Black-ash or rosewood veneer finish available. Piano-lacquer finish\$5,295/pr

Model 3/SE. As Model 3/SPX, with pure-silver-wired inductors, Black Gate bipolar capacitors, and 0.025-dB pair variation\$9,750/pr

Model 2/L. As Model 3/L, 13 x 23 x 9½ in. 28 lb\$1,895/pr

Model 2/SPX. As Model 3/SPX, 13 x 23 x 9½ in. 28 lb\$3,595/pr

Model 2/SE. As Model 3/SE, 13 x 23 x 9½ in. 28 lb\$7,995/pr



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S P E A K E R S

Model 1/L 2-Way Speaker

Acoustic-suspension design with 8-in paper-cone woofer and 1/2-in Ferrofluid-cooled dome tweeter. Features AN-L pure-copper wiring; 0.1-dB variation within pair. Imp 8 ohms. Black-ash or rosewood veneer finish. 10 1/4 x 18 1/2 x 8 1/4 in; 19 lb \$1,195/pr

Model 1/SPX. As above, AN-SPX pure-silver wiring; 0.05-dB variation. Black-ash or rosewood veneer finish available. Piano-lacquer finish \$2,795/pr

Model 1/SE. As Model 1/SPX, with pure-silver-wired inductors, Black Gate bipolar capacitors, and 0.025-dB pair variation \$6,495/pr

AUDIO PHYSIC

All speakers, except Medea, feature a cherry wood finish.

Medea 2-Way Speaker

Patented diaphragm driver. Features tuned cabinets. Power handling 400 W; FR 16-36,000 Hz -6 dB; Imp 4 ohms. Dyed birdseye maple; anthracite and black. 9 1/2 x 43 1/4 x 19 1/2 in; 200 lb \$28,000/pr

Caldera 3-Way Speaker

3 separate cabinet boxes. Features push-push bass configuration; pneumatically corrected midrange. Power handling 200 W; imp 4 ohms. 9 3/4 x 43 3/4 x 19 1/2 in; 118 lb \$14,995/pr

Virgo 3-Way Speaker

Two woofers in push-pull configuration. Biwire/biamp terminals. Power handling 420 W; FR 22-34,000 Hz -6 dB; Impedance 4 ohms. Dimensions: 15 1/4 x 42 x 7 1/2 in; 100 lb \$7,500/pr

Avanti 3-Way Speaker

Two woofers in push-pull configuration, separate integrated midrange/tweeter cabinet. Biwire/biamp terminals. Tweeter-level control. Power handling 150 W; FR 40-21,000 Hz -3 dB; imp 4 ohms. 6 1/4 x 39 3/4 x 16 1/4 in; 57 lb \$4,995/pr

Audio Physic DSP Speaker Processor

Provides phase and frequency correction for Tempo, Virgo, Avanti, or Caldera speakers. Connects between CD transport and D/A converter. 19 x 3 x 12 in; 38 lb \$2,995

Tempo 2-Way Speaker

Hand-coated Kevlar woofer, aluminum tweeter. Features phase-corrected cabinet face; drivers computer-matched to ±0.5 dB tolerance. Power handling 150 W; FR 100-20,000 Hz ±1 dB with Audio Physic DSP, 36-27,000 Hz -3 dB without; imp 8 ohms. 9 x 41 x 18 1/2 in; 56 lb \$2,995/pr

Step 2-Way Bookshelf Speaker

Features molded tweeter diffusers; no crossover; woofer directly coupled to inputs; drivers computer-matched to ±0.5 dB tolerance; internal diffuser board. Power handling 60 W; FR 60-25,000 Hz ±3 dB; impedance 4 ohms. Dimensions: 5 1/2 x 13 x 9 in; 11 lb \$1,395/pr

AUDIO SOURCE

SW-Four Powered Subwoofer

One 12-in driver; amp rated at 150 x 1 rms. Features dual voice coils. Line- and speaker-level inputs and outputs. Phase-reverse switch; auto turn-on/off; input-level control. Crossover point variable from 40-180 Hz; FR 20-250 Hz. Dimensions: 12 1/2 x 19 1/2 x 15 1/2 in; 35 lb \$500

SW-Three Subwoofer

One 12-in driver. Features dual voice coils; integral stereo crossover. Power handling 150 W max; sens 89 dB; imp 8 ohms. Black matte finish. 12 1/2 x 18 1/2 x 15 1/2 in; 27 lb \$300

LS-Two 2-Way Outdoor Speaker

One 5-in polypropylene woofer, one 1-in soft-dome tweeter. Weatherproof design. Includes mounting brackets. Power handling 50 W max; sens 89 dB; imp 8 ohms. Black or white \$250/pr

LS-One. As LS-Two, 4-in woofer. Power handling 40 W max; FR 100-20,000 Hz; sens 87 dB \$170/pr

VS 1.1 Center/Surround-Speaker System

One Vs-One center-channel speaker; two LS-Ten/A surround speakers, each with 4-in woofer, 1-in tweeter, and black-matte finish. Includes 100-ft 18-gauge speaker cable \$200

LS-7.3-Way Outdoor Speaker

One 4-in polypropylene/carbon-fiber woofer, one 2-in Mylar tweeter, one 1/2-in piezo supertweeter. Weatherproof design. Includes mounting brackets. Power handling 40 W max; sens 87 dB; imp 8 ohms. Black or white die-cast aluminum cabinet. Dimensions: 4 1/2 x 7 1/2 x 4 1/2 in \$100/pr

In-Wall Speakers

IW-Three 2-Way In-Wall Speaker

One 8-in woofer, one 1-in soft-dome tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 50-20,000 Hz; sens 92 dB; imp 8 ohms. Mounting depth 3 1/2 in. White grille \$250/pr

IW-Two 2-Way In-Wall Speaker

One 6 1/2-in polycarbonate woofer, one 1-in soft-dome tweeter. Power handling 75 W max; crossover point 3,000 Hz; FR 70-20,000 Hz; sens 90 dB; imp 8 ohms. Mounting depth 3 1/4 in. White grille \$200/pr

IW-Four In-Wall Subwoofer

One 8-in driver. Power handling 100 W max; FR 30-500 Hz; sens 90 dB; imp 8 ohms. White grille. Mounting depth 3 1/2 in \$150

IW-One 2-Way In-Wall Speaker

One 5 1/4-in polycarbonate woofer, one 1/2-in polyimide tweeter. Power handling 75 W max; crossover point 5,000 Hz; FR 80-20,000 Hz; sens 90 dB; imp 8 ohms. Mounting depth 3 in. White grille \$130/pr

Center-Channel Speakers

VS-Four 2-Way Center-Channel Speaker

Two 4-in polypropylene/carbon-fiber woofers, one 4-in coaxial. Magnetic shielding. Power handling 60 W max; crossover point 5,000 Hz; FR 60-20,000 Hz; sens 93 dB; imp 8 ohms. Black composite-resin cabinet with woodgrain finish. Dimensions: 16 1/2 x 5 1/2 x 5 1/2 in; 7 lb \$180

VS-Two 2-Way Center-Channel Speaker

Two 4-in woofers, one 1-in dome tweeter; amp rated at 30 x 1. Magnetic shielding. Power handling 50 W max; crossover point 5,000 Hz; FR 70-20,000 Hz; sens 93 dB; imp 8 ohms. Black woodgrain finish. 13 1/4 x 5 1/2 x 5 1/2 in; 6.8 lb \$160

VS-One. As above, without amplifier \$120

VS-Three 2-Way Center-Channel Speaker

One 5 1/4-in polypropylene woofer, one 1-in P.E.I. tweeter. Magnetic shielding. Power handling 50 W max; crossover point 3,500 Hz; FR 60-20,000 Hz; sens 90 dB; imp 8 ohms. Black woodgrain finish. 7 x 11 1/4 x 5 1/2 in; 7.8 lb \$140

AUDIOSTATIC

ES 500 RS Electrostatic Speaker

Multiple-suspension electrostatic element. Features solid 50-mm-thick MDF frame; computer-grade electronic components; polypropylene capacitors. 18-karat gold-plated terminals. Satin-black finish; other colors, gloss-black-acrylic finish, or oak finish available. Power handling 250 W; sens 84 dB SPL/W/m; imp 8 ohms \$5,600/pr

SW 500 RS. As above, subwoofer \$5,600/pr

ES 100 Electrostatic Speaker

Multiple-suspension electrostatic element. Features solid 35-mm-thick MDF frame; computer-grade electronic components; polypropylene capacitors. 18-karat gold-plated terminals. Satin-black finish; other colors or choice of 3 oak finishes available. Power handling 250 W; sens 86 dB SPL/W/m; impedance 8 ohms \$3,200/pr

ES 100+. Above with internal filter and PDSW-1, both

in satin-black finish. Other colors or choice of 3 oak finishes available \$4,200/pr

SW 100 Electrostatic Subwoofer

Satin-black finish; other colors or choice of 3 oak finishes available. Power handling 250 W; sens 86 dB SPL/W/m; imp 8 ohms \$3,200/pr

ES 50 Electrostatic Speaker

Multiple-suspension electrostatic element. Features solid 45-mm-thick MDF frame; computer-grade electronic components; polypropylene capacitors. 18-karat gold-plated terminals. Satin-black finish; other colors or choice of 3 oak finishes available. Power handling 150 W; sens 84 dB SPL/W/m; impedance 8 ohms \$2,200/pr

ES 50+. Above with internal filter and PDSW-1, both in satin-black finish. Other colors or choice of 3 oak finishes available \$3,200/pr

PDSW-2 Powered Subwoofer

Designed to keep up with the speed of an electrostatic speaker. Features reproduction from 25 Hz. Line- and speaker-level inputs \$1,400

PDSW-1. As above, reproduces from 37 Hz \$1,000

AUDIO-TECHNICA

MMS557 2-Way Powered Mini Speaker System

Two bass-reflex speakers, each with 4-in woofer and 1/2-in tweeter; 20-W amp. 2 line-level inputs. Magnetic shielding. Includes removable desktop stands, interconnect cable, and adaptor for mini plug to 2 RCA plugs. FR 80-20,000 Hz; sens 89 dB SPL/W/m \$150

MMS337 Powered Mini Speaker System

Two bass-reflex speakers, each with 3-in driver; 7.5-W amp. 2 line-level inputs. Magnetic shielding. Includes removable desktop stands, interconnect cable, and adaptor for mini plug to 2 RCA plugs. FR 100-18,000 Hz; sens 89 dB SPL/W/m \$100

AUDIOVECTOR

Each of the following is hand crafted and features diffraction damping, perimeter bracing, and a 3-yr warranty.

Audiovector VI 3-Way Speaker

Bass-reflex design. Features octagonal cabinet; edge-wound woofer voice coil; 3-layer baffle. Gold-plated triwire/triamp terminals. Power handling 250 W; crossover points 125, 600, and 3,500 Hz; FR 30-20,000 Hz ±2 dB; sens 92.5 dB SPL/W/m; imp 6 ohms. African rosewood finish \$5,990/pr

Black or white piano-lacquer finish \$5,100/pr

Audiovector V 3-Way Speaker

Bass-reflex design with long-throw woofer. Features hexagonal cabinet; crossover with metalized polypropylene capacitors and glass-fiber print board; 2-layer baffle with felt cover. Gold-plated triwire/triamp terminals. Power handling 200 W; crossover points 125, 600, and 2,900 Hz; FR 35-21,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 8 ohms. African rosewood finish \$4,390/pr

Cuba mahogany finish \$3,600/pr

Black or white piano-lacquer finish \$3,600/pr

Audiovector III X 2-Way Speaker

hand-built metal-dome tweeter. Features 3-layer baffle. Gold-plated biwire/biamp terminals. Power handling 150 W; crossover points 125 and 2,900 Hz; FR 40-21,000 Hz ±2 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Cuba mahogany finish \$2,059/pr

Black stained-ash finish \$1,859/pr

Scandic white finish \$1,749/pr

Audiovector II X 2-Way Speaker

Bass-reflex design with carbon-fiber cone woofer, hand-built soft-dome tweeter. Features 2-layer baffle. Gold-plated biwire/biamp terminals. Power handling 120 W; crossover points 160 and 2,900 Hz; FR 45-21,000 Hz ±2 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Black stained-ash finish \$1,435/pr

Scandic white finish \$1,385/pr

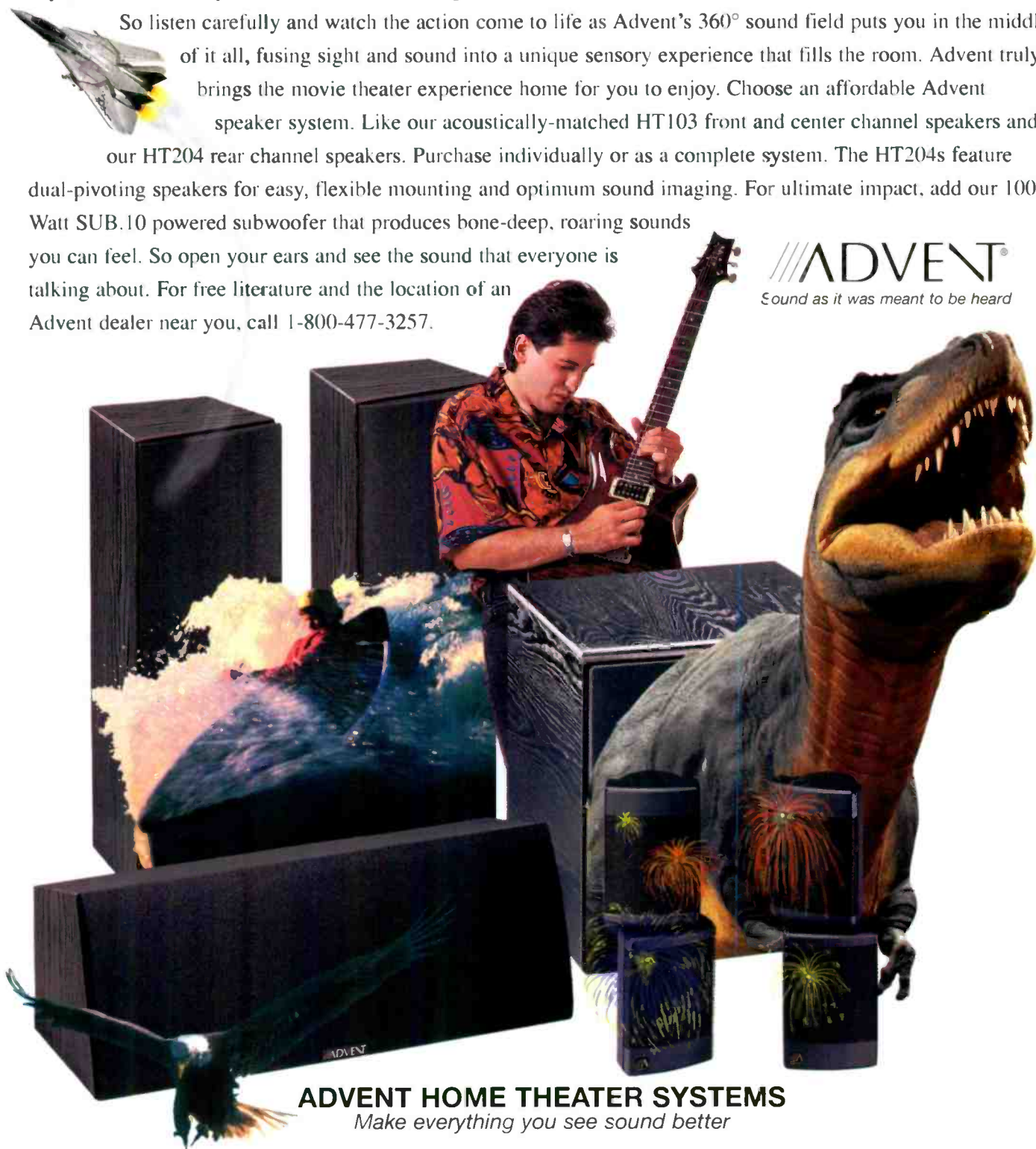
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Audiovector I X 2-Way Speaker

Bass-reflex design. Features crossover with glass-fiber print board; 2-layer baffle. Gold-plated biwire/bi-amp terminals. Power handling 80 W; crossover point 3,000 Hz; FR 50-21,000 Hz ± 2 dB; sensitivity 88 dB SPL/W/m; impedance 8 ohms. Black stained-ash finish \$1,195/pr
Scandic white finish \$1,149/pr

AUDIX**Nile X 2-Way Speaker**

Two 7-in Kevlar woofers, one 1-in cloth-dome tweeter. Features hand-selected matched drivers. Power handling 350 W; crossover point 2,200 Hz; FR 40-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 4 ohms. 10 x 22½ x 13½ in \$1,995/pr
Nile V. As above, one woofer. Power handling 250 W; sens 87 dB SPL/W/m; imp 8 ohms. Dimensions: 9½ x 15 x 11 in \$1,495/pr

Studio 3A 2-Way Speaker

Two 6½-in polycarbonate woofers, one 1-in woven-cloth dome tweeter. Features enclosure reinforcement. Power handling 350 W; crossover point 3,000 Hz; FR 47-19,000 Hz ± 3 dB; sensitivity 91 dB SPL/W/m; impedance 4 ohms. Dimensions: 10 x 19 x 11½ in \$899/pr

Studio 1A. As above, one woofer. Power handling 250 W; FR 50-18,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 13 x 10 in \$549/pr

PH-25 2-Way Powered Speaker

Two 5-in long-throw woofers, one ¾-in Ferrofluid-cooled polycarbonate-dome tweeter; amp rated at 40 W x 1 with 0.01 THD. Features acoustic fiberglass interlining. Gold connectors. Available with or without magnetic shielding. Computer-beige or sand-coat-black finish \$589/pr
PH-15. As above, one woofer \$429/pr

PH-5II 2-Way Powered Speaker

5-In woofer, 1-in tweeter; 25-W amp. Available with or without magnetic shielding. Computer-beige or sand-coat-black finish \$289/pr
PH-3. As above, 3-in woofer \$199/pr

AVALON ACOUSTICS

Each of the following features a limited 5-yr warranty.

Ascent 3-Way Speaker

11-in Nomex/Kevlar-composite woofer, 2-in aluminum/magnesium-dome midrange, 1-in titanium-dome tweeter. Power handling 500 W; FR 28-24,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. Maple, cherry, or walnut hardwood finish. Crossover 12 x 32 x 12 in; 55 lb. Speaker 13 x 45 x 18 in; 175 lb \$16,500/pr

Radian 3-Way Speaker

Two 9-in Nomex/Kevlar-composite woofers, one 3½-in Nomex/Kevlar-composite midrange, one 1-in titanium-dome tweeter. Power handling 500 W; FR 20-24,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Maple, cherry, or walnut hardwood finish. 12 x 48 x 19 in; 170 lb \$10,500/pr

Eclipse 2-Way Speaker

9-in Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 300 W; FR 35-24,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Maple, cherry, or walnut hardwood finish. Dimensions: 11 x 39 x 15 in; 95 lb \$7,600/pr

Avatar 2-Way Speaker

8-in Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 200 W; FR 35-24,000 Hz; sens 85 dB SPL/W/m; imp 6 ohms. Cherry hardwood finish. 10 x 34 x 13 in; 65 lb \$4,350/pr

Monitor 2-Way Bookshelf Speaker

7-in Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 150 W; FR 48-24,000 Hz; sensitivity 87 dB SPL/W/m; impedance 6 ohms. Walnut hardwood finish. Dimensions: 9 x 18 x 11 in; 31 lb \$2,695/pr

AVID DYNAMICS**Sterling Series****Sterling Tower 180T 3-Way Speaker**

Two 8-in polypropylene woofers, one 3-in cone midrange, one 1-in dome tweeter. Sens 90 dB SPL/W/m; imp 8 ohms. Light rose walnut finish. 12 x 43 x 12 in \$530/pr

Sterling Series 120 3-Way Speaker

One 10-in polypropylene woofer, one 3-in cone midrange, one 1-in soft-dome tweeter. Sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Light rose walnut finish. 16 x 33 x 8 in \$460/pr

Sterling Series 80 2-Way Speaker

One 9-in polypropylene woofer, one 1-in soft-dome tweeter. Sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Light rose walnut finish. 14 x 24 x 8 in \$320/pr

Sterling Series 70 2-Way Speaker

One 7-in polypropylene woofer, one 1½-in treated-fiber dome tweeter. Crossover point 3,000 Hz; FR 65-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Light rose walnut finish. Dimensions: 11 x 18 x 8 in \$280/pr

Sterling Series 60 2-Way Bookshelf Speaker

One 6½-in polypropylene woofer, one ¾-in hard-dome tweeter. Crossover point 3,500 Hz; FR 65-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Light rose walnut finish. Dimensions: 8 x 14 x 7 in \$230/pr

Home Video Series**Model 12 HVS 2-Way Speaker**

One 10-in passive radiator, one 6½-in polypropylene woofer, one 1-in dome tweeter. Magnetic shielding. Crossover point 2,200 Hz; FR 42-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Walnut or black finish. 11 x 34 x 10 in \$465/pr

Model 10 HVS. As above, 8-in passive radiator. Crossover point 2,300 Hz; FR 47-20,000 Hz ± 3 dB. 13 x 24 x 10 in \$375/pr

Model 8 HVS 2-Way Speaker

One 8-in polypropylene woofer, one 1-in dome tweeter. Magnetic shielding. Crossover point 2,300 Hz; FR 50-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Walnut or black finish. 11 x 21 x 8 in \$275/pr

Model 6 VHS 2-Way Bookshelf Speaker

Vented design with one 6½-in polypropylene woofer, one ¾-in hard-dome tweeter. Magnetic shielding. Crossover point 3,000 Hz; FR 53-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Walnut or black finish. 11 x 18 x 8 in \$225/pr
Model 4 HVS. As above, 5¼-in woofer. Crossover point 4,000 Hz; FR 65-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m. 9 x 14 x 7 in \$175/pr

AV LINE

Time True woofer/tweeter alignment indicates that the drivers' output reaches your ears simultaneously for improved definition and clarity. Bass Tuned refers to the recovery of bass energy normally lost in the wall cavity; adjustable for different sizes of wall cavity.

Octube 5 2-Way Outdoor Speaker

Thiele small bass port design with 5¼-in carbon fiber-filled polypropylene cone woofer and 10-mm liquid-cooled polymer dome tweeter. Features Time True tweeter/woofer alignment; plastic and exterior grade Medite construction; perforated, water-shedding grille design. Speaker swivels to direct sound through 350° arc; comes with mechanism to lock speaker to base; base may be buried in ground for added stability; PVC inputs for underground wiring. Imp 4 ohms. Paintable. 8 x 22½ x 10 in \$400/pr

Architectural Speaker Series**WB+ 2-Way In-Wall Speaker**

8-in polypropylene cone woofer and 1-in soft dome

tweeter. Features Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional (see Accessories). Imp 8 ohms. Dimensions: 10½ x 14½ x 3½ in \$450/pr

ASUB In-Wall Subwoofer

Dual chamber asymmetrically tuned bandpass enclosure design with 10-in dual-voice-coil fiber-filled polypropylene driver. Designed for use with W5, W5P+, W6P+, or W8+. Features bass vented into room through a 3-in x 10½-in slot port; 90 Hz low pass section passive crossover; Medite construction. Mounting system spans up to 24-in on-center joists. Imp 6 ohms. White finish; trim bezel supplied to finish off appearance of vent opening \$400

W6P+ 2-Way In-Wall Speaker

Bass Tuned adjustable port design with 6½-in polypropylene cone woofer and 1-in soft dome tweeter. Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional (see Accessories). Crossover point at 3,000 Hz; FR 28 variable to 49-20,000 Hz (bass response varies with wall cavity size); imp 8 ohms. 8½ x 12 x 3½ in \$350/pr

W5P+ 2-Way In-Wall Speaker

Bass Tuned adjustable port design with 5¼-in polypropylene cone woofer and 1-in soft dome tweeter. Features Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional (see Accessories). Imp 8 ohms. 7½ x 11 x 2½ in \$250/pr

W5 2-Way In-Wall Speaker

Acoustic suspension design with 5-in polypropylene cone woofer and 10-mm hard dome tweeter. Pre-construction brackets optional (see Accessories). Imp 8 ohms. 7 x 9½ x 2½ in \$180/pr

A.W.H.**AWH180A Speaker**

Bipolar design. Power handling 100 W max; sens 96 dB SPL/W/m; imp 8 ohms. Black. 12½ x 60 x 2½ in; 60 lb \$900/pr

AWH90A Speaker

Power handling 75 W max; sens 91 dB SPL/W/m; imp 8 ohms. Black. 12 x 24 x 2½ in; 15 lb \$400/pr

AXIOM**AX 3 2-Way Speaker**

Dual-enclosure design with 8- and 5-in woofers and 1-in dome tweeter. Crossover point 3,000 Hz; FR 36-22,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black rosewood finish. 10 x 36 x 10 in \$849/pr
AX 5. As above, 10- and 5-in woofers. Crossover point 3,000 Hz; FR 29-22,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 6 ohms. Black rosewood finish. 12 x 36 x 12 in \$1,499/pr

AX 500 Subwoofer

Tuned-port design with 10-in driver. FR 29-120 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black rosewood finish. 24 x 12 x 14 in \$599

AX 150. As above. FR 35-120 Hz; sens 90 dB SPL/W/m \$279

AX 120. As AX 500, 8-in driver. FR 40-120 Hz. 10 x 12 x 10 in \$149

AX 1 2-Way Bookshelf Speaker

Tuned-port design with 5-in woofer and 1-in dome tweeter. FR 70-22,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 6 ohms. Black rosewood finish. 6 x 11 x 6 in \$549/pr

AX 2 2-Way Speaker

Tuned-port design with 8-in woofer and 1-in dome tweeter. Crossover point 3,200 Hz; FR 40-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black rosewood finish. 10 x 24 x 10 in \$469/pr

AX 2 Bookshelf. As above, bookshelf version. FR 48-22,000 Hz ± 2 dB. 10 x 19 x 10 in \$399/pr

AX 1.2 2-Way Bookshelf Speaker

Tuned-port design with 5-in woofer and ½-in dome

S P E A K E R S

tweeter. Crossover point 3,500 Hz; FR 60-22,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black rosewood finish. 6 x 11 x 8 in. \$149/pr
AX 1.5 Bookshelf. As above, 6½-in woofer and ¾-in tweeter. FR 50-22,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8 x 15 x 8 in. \$199/pr
AX 1.5. As AX 1.5 Bookshelf, floor-standing version, FR 45-22,000 Hz ±2 dB. 8 x 19 x 8 in. \$279/pr

BAG END

2-way speakers feature Time Align technology, a physical and electronic alignment of the drivers, and ELF technology, a patented circuit to flatten the low- and high-frequency rolloffs of a woofer in a sealed box.

TA12-O 2-Way Speaker

Ported design. Power handling 400 W; FR 70-19,000 Hz; sens 103 dB SPL/W/m; imp 8 ohms. Oak veneer. 18 x 23 x 15 in; 55 lb \$1,756/pr
TA12-B. As above, 13-ply Finland birch . . . \$1,756/pr

TA12jr-O 2-Way Speaker

Ported design. Features fiberboard cabinet. Power handling 300 W; FR 75-19,000 Hz; sens 101 dB SPL/W/m; imp 8 ohms. Oak veneer. 14 x 21 x 12 in; 40 lb \$1,396/pr
TA12jr-B. As above, cabinet made of 13-ply imported Finland birch \$1,378/pr

S18E-O Subwoofer

Sealed design with 18-in driver. Features ELF processor; fiberboard enclosure. Power handling 400 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 8 ohms. Oak veneer. 22 x 22 x 18 in; 65 lb \$978
S18E-B. As above, 13-ply Finland birch enclosure \$978

D10E-O Subwoofer

Sealed design with two 10-in drivers. Features ELF processor. Power handling 400 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 4 ohms. Oak veneer. 22 x 13 x 13 in; 54 lb . . . \$828

S10E-I Subwoofer

Sealed design with 10-in driver. Features ELF processor. Power handling 150 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 8 ohms. Black. 14½ x 13 x 11½ in; 26 lb . . . \$348
S10E-O. As above, 13-ply Finland birch \$420

B & W

Nautilus 4-Way Speaker

12-in aluminum-cone woofer, 4-in flat-fronted mid-bass, 2-in aluminum-dome midrange, and 1-in aluminum-dome tweeter operating into transmission lines with columns tapered to follow exponential curves. Requires amplifier output channel for each driver. Features hand assembly with test certification by B&W president; external active crossover with 24-dB/oct Bessel filters; drivers designed with 2-octave guard band between response limits; driver decoupling from enclosure; glass-reinforced-plastic basic enclosure structure with snail-like appearance. Balanced and unbalanced input and output for each driver. FR 25-20,000 Hz ±0.5 dB. High-gloss midnight-blue acrylic and lacquer-coat finish \$35,000/pr

Matrix 800 3-Way Speaker

Two 11½-in woofers, two 5-in cone midranges, and one 1¼-in gold-dome tweeter. Features modular cabinets with matrix construction. Power handling 800 W; FR 20-20,000 Hz ±2 dB; sens 93 dB SPL/W/m; imp 4 ohms. 242 lb \$15,000/pr

Emphasis 2-Way Speaker

Quarter-wave pipe-body design with 6½-in Kevlar woofer and 1-in fluid-cooled metal-dome tweeter. Features flared reflex port; cylindrical enclosure with wool-fiber selective damping. Power handling 120 W; crossover point 3,000 Hz; FR 54-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Gloss-white finish. 16½ x 54 x 14 in; 77 lb \$9,000/pr

Matrix 801 Series 3 3-Way Speaker

Vented design with 12-in polymer woofer, 5½-in Kevlar midrange, and 1-in metal-dome tweeter. Features 4th-order Butterworth filters; optional electronic bass-alignment filter. Power handling 600 W; crossover points 380 and 3,000 Hz; FR 20-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish. 17 x 39¼ x 22 in; 119 lb . . . \$5,500/pr

Matrix 802 Series 2 3-Way Speaker

Vented design with two 8-in polymer woofers, 5-in Kevlar midrange, and 1-in metal-dome tweeter. Features 4th-order Butterworth filters; optional electronic-bass alignment filter. Power handling 500 W; crossover points 400 and 3,000 Hz; FR 27-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish. 11¼ x 41 x 14½ in; 70 lb . . . \$4,000/pr

Matrix 803 Series 2 3-Way Speaker

Vented design with two 6-in Cobex-cone woofers, 6-in Kevlar bass/midrange, and 1-in Ferrofluid-cooled metal-dome tweeter; optional bass-alignment filter. Power handling 250 W max; FR 20-22,000 Hz with bass alignment filter, 32-22,000 Hz without; sens 90 dB SPL/W/m. Black-ash or walnut veneer finish. 11¼ x 40¼ x 13¼ in; 58 lb \$3,000/pr

Matrix 804 3-Way Speaker

Bass-reflex design with 6½-in Cobex-cone woofer, 6½-in Kevlar bass/midrange, and 1-in Ferrofluid-cooled metal-dome tweeter; optional bass-alignment filter. Power handling 200 W; FR 31-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer finish. Dimensions: 10¼ x 36¼ x 10¼ in; 43 lb \$2,200/pr

Matrix 805 2-Way Bookshelf Speaker

Bass-reflex design with 6½-in Kevlar bass/midrange and 1-in Ferrofluid-cooled metal-dome tweeter; optional bass-alignment filter. Power handling 120 W; FR 45-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer. 10½ x 16¼ x 8¼ in; 18.7 lb \$1,600/pr

PCS-8 Subwoofer

Bass-reflex design with 12-in driver. Features THX certification. Magnetic shielding. Power handling 200 W; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 23½ x 22½ x 23½ in; 70.4 lb \$1,250

FCM-8 2-Way Speaker

Sealed design with two 6½-in Kevlar woofers and three 1-in fluid-cooled metal-dome tweeters. Features THX certification. Magnetic shielding. Power handling 200 W; crossover point 3,000 Hz; FR 80-22,000 Hz -3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Black-ash finish. 23½ x 10¼ x 9 in; 27.5 lb . . . \$1,000

Matrix HTM 2-Way Center-Channel Speaker

Vented design with one 6½-in Kevlar woofer and one 1-in fluid-cooled time-aligned metal-dome tweeter. Magnetic shielding. Power handling 120 W; crossover point 3,000 Hz; FR 63-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black veneer finish. 17 x 10 x 9 in; 19 lb \$800

SCM-8 2-Way Surround Speaker

Dipole sealed design with two 6½-in woofers and two 1-in fluid-cooled metal-dome tweeters. Features THX certification. Magnetic shielding. Power handling 200 W; crossover point 3,000 Hz; FR 105-25,000 Hz -6 dB; sens 87 dB SPL/W/m; imp 4 ohms. Black-ash finish. 14¼ x 14 x 9½ in; 24 lb \$750

CWM 8 2-Way In-Wall Speaker

Acoustic-suspension design with 8¼-in polypropylene woofer and 1-in metal-dome tweeter. Features patented overload protection. Power handling 100 W max; FR 35-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 10¼ x 14¼ x 3¼ in \$600/pr

CWM 6 2-Way In-Wall Speaker

Acoustic-suspension design with 7-in polypropylene woofer and 1-in metal-dome tweeter. Features auto-reset tweeter-overload protection. Power handling 70 W max; FR 45-20,000 Hz ±3 dB; sens 89 dB

SPL/W/m; impedance 8 ohms. Dimensions: 8 x 12½ x 3 in \$400/pr

CWM 5 2-Way In-Wall Speaker

Acoustic-suspension design with 5-in polypropylene woofer and 1-in metal dome tweeter. Power handling 70 W max; FR 75-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 6¼ x 9 x 2½ in \$300/pr

Digital Monitor 600i Series

DM640i 3-Way Speaker

Bass-reflex design with two 8-in woofers, one 6½-in Kevlar midrange, and one 1-in fluid-cooled metal-dome tweeter. Biwire/biamp terminals. Power handling 200 W; crossover points 300 and 3,000 Hz; FR 46-20,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 4 ohms. Simulated walnut or black-veneer finish. 9¼ x 38 x 16 in; 52.8 lb \$1,500/pr
DM630i. As above, without midrange. Crossover points 400 and 3,000 Hz; FR 53-20,000 Hz ±2 dB. 9¼ x 33½ x 16 in; 42.2 lb \$1,100/pr

DM620i 2-Way Speaker

8-in woofer, 1-in fluid-cooled metal-dome tweeter, and passive radiator. Biwire/biamp terminals. Power handling 150 W; crossover point 3,000 Hz; FR 58-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 4 ohms. Simulated walnut or black-ash veneer finish. 9¼ x 29¾ x 12 in; 31.2 lb \$800/pr

DM610i 2-Way Speaker

Sealed design with 8-in woofer and 1-in fluid-cooled metal-dome tweeter. Biwire/biamp terminals. Power handling 150 W; crossover point 2,500 Hz; FR 70-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 4 ohms. Black veneer finish. Dimensions: 9¼ x 19¼ x 12 in; 17.1 lb \$500/pr
DM600i. As above, 6½-in woofer. Power handling 100 W; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m. 8 x 13¼ x 9¼ in; 9.9 lb \$350/pr

DM600IFS 2-Way Center-Channel Speaker

Vented design with two 5-in woofers and one 1-in fluid-cooled metal-dome tweeter. Magnetic shielding. Power handling 120 W; crossover point 3,000 Hz; FR 75-23,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black veneer finish. Dimensions: 17¼ x 6 x 9½ in; 13 lb \$299

2000 Series

The following feature 4th-order vented enclosures, magnetic shielding, and a black-ash vinyl finish. Tweeters feature magnetic-fluid cooling. Woofers are acrylic-damped fiber cones with rubber surrounds.

Model 2004 2-Way Speaker

Two 6½-in woofers, 1-in polyester-dome tweeter. Power handling 120 W; crossover points 400 and 3,000 Hz; FR 65-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 4 ohms. 8¼ x 25¼ x 9¼ in \$599/pr

Model 2003 2-Way Bookshelf Speaker

6½-in woofer, 1-in damped-diaphragm dome tweeter. Power handling 100 W; crossover point 3,000 Hz; FR 70-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4 ohms. 8¼ x 16¼ x 9¼ in \$449/pr

Model 2002 2-Way Bookshelf Speaker

5-in woofer and 1¼-in alloy-dome tweeter. Power handling 80 W; crossover point 3,000 Hz; FR 74-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. 7¼ x 13¼ x 8 in \$299/pr

Model 2001 2-Way Bookshelf Speaker

5-in woofer and 1¼-in alloy-dome tweeter. Power handling 80 W; crossover point 3,000 Hz; FR 85-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. 7¼ x 11¼ x 8 in \$199/pr

Model 2000IFS 2-Way Center-Channel Speaker

Vented design with two 5-in woofers and one 1-in metal-dome tweeter. Magnetic shielding. Power handling 100 W; crossover point 3,000 Hz; frequency response 95-20,000 Hz ±3 dB; sensitivity 88 dB SPL/W/m, impedance 8 ohms. Dimensions: 17¼ x 6 x 9½ in; 13 lb \$199

S P E A K E R S

BANG & OLUFSEN

Beolab Penta 3-Way Powered Speaker

Bass-reflex design with four 5-in woofers, four 3-in midranges, one 1-in dome tweeter; amp rated at 150 x 1 into 8 ohms with 0.015% THD. Features 5-sided cabinet finished in stainless steel; dynamic clipping-attenuator circuit; 3-position bass-compensation switch. Alphanumeric display for Bang & Olufsen system information; auto turn-on/off. Crossover points 700 and 5,000 Hz; FR 40-20,000 Hz \pm 4, -8 dB; sens 92 dB SPL/W/m; imp 8 ohms. 5 x 65 x 5 1/2 in; 53 lb\$3,800/pr

Beolab 8000 2-Way Powered Speaker

Bass-reflex design with two 4-in long-throw woofers and one 3/4-in Ferrofluid-cooled tweeter in conically tipped mirror-finished extruded-aluminum tubular cabinet. Features biamplification; cast-iron base; magnetic shielding; 24-dB/oct Linkwitz-Riley active crossover; dynamic treble-balancing circuitry; 30-dB/oct high-pass filter at 40 Hz; neodymium tweeter magnet; polystyrene front baffle. Line-level input; Power Link input for Bang & Olufsen systems. Auto turn-on. Crossover point 4,200 Hz; FR 50-20,000 Hz \pm 2 dB. 6 x 52 x 6 in; 44 lb\$3,000/pr

Beolab 6000 2-Way Powered Speaker

Bass-reflex design with two 3 1/2-in woofers, one 3/4-in dome tweeter. Features extruded one-piece 1/2-in-thick aluminum oval-column cabinet; proprietary dynamic bass-optimization circuitry; active filtering with 30-dB/oct slope at resonant frequency and 24-dB/oct slopes elsewhere; biamplification. Line- and speaker-level inputs; Powerlink connectors for Bang & Olufsen systems. Magnetic shielding; auto turn-on/off. Crossover point 3,000 Hz; FR 90-20,000 Hz \pm 2 dB. Polished and anodized silver finish. 4 x 43 x 3 1/2 in; 14 lb\$2,000/pr

Beolab 4500 2-Way Powered Speaker

Bass-reflex design with one 5-in woofer and one 1-in dome tweeter; amp rated at 50 W x 1. Designed and acoustically optimized for wall mounting. Features dynamic bass equalization; computer-designed structural-plastic cabinet mirror-finished in stainless steel. Auto turn-on/off; alphanumeric LED display. 17 1/2 x 21 x 3 in\$1,700/pr

LCS9000 2-Way Powered Speaker

Combined two 2-way powered speakers, an illuminated display, an infrared receiver, and touch controls within a polished-aluminum oval enclosure. Designed for use in one zone of a multiroom system. Features 3 1/2-in woofer and 3/4-in tweeter for each speaker. Volume control for up to +12-dB boost above master level in Beolink multiroom system. Includes wall-mount bracket. Tabletop/shelf stand optional. 43 1/4 x 3 1/4 x 4 1/2 in\$1,395

BIC AMERICA

Venturi Realta 3-Way Speaker

Vented design with two 10-in woofers, two 5 1/4-in cone midranges, and 1-in dome tweeter. Crossover points 200 and 3,000 Hz; FR 28-27,000 Hz \pm 3 dB; imp 4 ohms. Black or oak finish. Dimensions: 12 x 53 x 15 in; 82 lb\$1,200/pr

Venturi V830i 3-Way Speaker

Vented design with 8-in woofer, 6-in cone midrange, and 1-in dome tweeter. Crossover points 800 and 3,000 Hz; FR 38-22,000 Hz \pm 3 dB; imp 8 ohms. Black or oak finish. 10 x 40 x 11 in; 45 lb\$800/pr

Venturi V12 Powered Subwoofer

Vented design with 12-in driver. Level control. Crossover point 85 Hz; FR 28-85 Hz \pm 3 dB; imp 8 ohms. Black. 16 x 21 x 19 in; 60 lb\$699 Without amp\$300

Venturi V630i 3-Way Speaker

Vented design with 6-in woofer, 6-in cone midrange, and 1-in dome tweeter. Crossover points 800 and 3,000 Hz; FR 45-22,000 Hz \pm 3 dB; imp 8 ohms. Black or oak finish. 9 x 34 x 11 in; 37 lb\$600/pr

Venturi V820i 2-Way Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Crossover point 2,500 Hz; FR 40-22,000 Hz \pm 3 dB; imp 8 ohms. Black or oak finish. 10 x 26 x 11 in; 29.5 lb\$450/pr

Venturi V82si 2-Way Speaker

Vented design with 8-in woofer and 3/4-in dome tweeter. Crossover point 2,500 Hz; FR 45-20,000 Hz \pm 3 dB; imp 8 ohms. Black or oak finish. 10 x 21 x 11 in; 26.5 lb\$349/pr

Venturi V62si 2-Way Bookshelf Speaker

Vented design with 6-in woofer and 3/4-in dome tweeter. Crossover point 4,500 Hz; FR 50-20,000 Hz \pm 3 dB; imp 8 ohms. Black. 8 x 14 x 9 in; 10.5 lb\$245/pr Venturi V62i. As above, oak finish\$225/pr

Venturi V52i 2-Way Bookshelf Speaker

Vented design with 5 1/4-in woofer and 1/2-in dome tweeter. Crossover point 5,000 Hz; FR 60-20,000 Hz \pm 3 dB; imp 8 ohms. Oak finish. Dimensions: 7 x 11 x 7 in; 9 lb\$185/pr Venturi V52si. As above, black. 9.5 lb\$95

Venturi V52+ 2-Way Speaker

Vented design with two 5 1/4-in woofers and 1/2-in dome tweeter. Crossover point 5,000 Hz; FR 55-20,000 Hz \pm 3 dB; imp 8 ohms. Black. 18 x 6 x 10 in; 15 lb\$159

Cinema 1 Series

Cinema 1 C-8.3 2-Way Speaker

Vented design with two 8-in woofers and one 1-in dome tweeter. Crossover point 2,500 Hz; FR 40-22,000 Hz \pm 3 dB; imp 8 ohms. Black. 10 x 40 x 12 in; 47 lb\$449/pr

Cinema 1 C-10 Powered Subwoofer

Vented design with 10-in driver. Level control. Crossover point variable from 50-200 Hz; FR 29-200 Hz. Black. 13 x 17 x 16 in\$449 Above without amplifier. Crossover point 100 Hz; FR 38-120 Hz; imp 8 ohms\$229

Cinema 1 C-8 2-Way Speaker

Vented design with 8-in woofer and 3/4-in dome tweeter. Crossover point 2,500 Hz; FR 45-20,000 Hz \pm 3 dB; imp 8 ohms. Black. Dimensions: 10 x 21 x 11 in. 26.5 lb\$339/pr Cinema 1 C-6. As above, 6-in woofer. Crossover point 4,500 Hz; FR 50-20,000 Hz \pm 3 dB. 8 x 14 x 9 in. 10.5 lb\$229/pr

Cinema 1 C-5 2-Way Bookshelf Speaker

Vented design with 5 1/4-in woofer, 1/2-in dome tweeter. Crossover point 5,000 Hz; FR 60-20,000 Hz \pm 3 dB; imp 8 ohms. Black. 7 x 11 x 7 in; 9.5 lb\$95

BLUE ROOM

The Techno Pod 3-Way Speaker

Sealed-box design with two 6 1/2-in Kevlar woofers and one 1 1/4-in fluid-cooled metal-dome tweeter. Bi-wire/biamp terminals. Magnetic shielding. Includes mounting brackets. Power handling 250 W; crossover point 900 and 3,000 Hz; FR 45-20,000 Hz \pm 2 dB; sens 94 dB SPL/W/m; imp 4 ohms. Red, black, blue, or white. 19 x 23 1/2 x 13 1/2 in; 24.2 lb\$2,500/pr

The House Pod 2-Way Speaker

Vented design with 6 1/2-in Kevlar woofer and 1-in fluid-cooled metal-dome tweeter. Bi-wire/biamp terminals. Magnetic shielding. Includes mounting brackets. Power handling 120 W; crossover point 3,000 Hz; FR 45-20,000 Hz \pm 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Red, black, blue, or white. 19 x 20 1/2 x 13 1/2 in; 17.6 lb\$1,900/pr

BLUES

IBW 6.5 2-Way In-Wall Speaker

One 6 1/2-in mica poly woofer, one 1-in soft-dome tweeter. Features butyl-rubber surround. Power handling 30 W rms; imp 8 ohms. 1-yr warranty. 8 1/2 x 12 x 3 1/4 in\$200/pr IBW 5.25. As above, 5 1/4-in woofer. Frequency re-

sponse 50-21,000 Hz\$130/pr

IWB 8 In-Wall Subwoofer

One 8-in Mica poly driver. Features dual voice coils; butyl-rubber surround; integral low-pass crossover. High-pass output for satellites. Power handling 50 W rms; crossover point 120 Hz; FR 30-500 Hz; imp 8 ohms per coil. 1-yr warranty. 10% x 4% x 3 1/2 in\$150

Concert Series

BCS SS Subwoofer/Satellite System

BCS Triso subwoofer; two 2-way satellites, each with one 5 1/4-in woofer and one 1-in dome tweeter. Features ported enclosures. Imp 8 ohms. 5-yr warranty. Black\$800

BCS 882 2-Way Speaker

Ported dipole design with two 8-in woofers, one 1-in soft-dome tweeter. Imp 8 ohms. 5-yr warranty. Ebony-ash or Richmond-oak finish. 11 1/2 x 40 1/4 x 10 1/2 in\$650/pr

BCS 662. As above, 6 1/2-in woofers. 10 x 37 x 10 1/2 in\$560/pr

BCS Triso. Subwoofer with ported enclosure. Imp 8 ohms. 5-yr warranty. Ebony-ash or Richmond-oak finish. 12 x 22 x 17 1/2 in\$600

BCS 82 2-Way Bookshelf Speaker

Ported design with one 8-in woofer, one 1-in soft-dome tweeter. Imp 8 ohms. 5-yr warranty. Ebony-ash or Richmond-oak finish. 11 1/2 x 21 x 10 1/4 in\$380/pr

BCS 62. As above, 6 1/2-in woofer. 10 x 17 1/2 x 10 1/2 in\$300/pr

BLCC 2-Way Center-Channel Speaker

Ported design with two 4-in woofers, one 1/2-in polycarbonate-dome tweeter. Magnetic shielding. Imp 8 ohms. 5-yr warranty. 18 x 6 x 6 1/2 in\$160

BOSE

Model 901 Classic Series IV Speaker System

2 speakers, each with nine 4 1/2-in full-range drivers; active EQ. Features design to provide direct and reflected sound with 4 drivers on each side of angled front baffle and 1 rear-firing driver; injection-molded enclosure; helical driver voice coils. Bass and treble EQ controls. Imp 8 ohms. 5-yr transferable warranty. Hardwood veneer with walnut finish. Each speaker 21 x 12 1/2 x 13 in; 35 lb. EQ Dimensions: 13 x 2 1/4 x 4 1/4 in; 3.4 lb\$1,499

Powered Acoustimass 5

Powered Subwoofer/Satellite System Subwoofer with 8-in driver; 2 satellites, each with one 2 1/2-in driver in each of two attached rotating cubes; amp rated at 100 W x 1 (subwoofer) + 50 x 2 (satellites). Magnetic satellite shielding. Black veneer subwoofer; black or white satellites. Subwoofer: 12 1/2 x 21 1/2 x 10 in; 36 lb. Satellites: 3 x 6 1/2 x 4 1/2 in; 2 lb\$1,099

Acoustimass 7 Home Theater System

Subwoofer with two 5 1/4-in drivers; 3 satellites, each with one 2 1/2-in driver in each of two attached rotating cubes. Features design to provide direct and reflected sound; system protection circuitry. Magnetic satellite shielding. Mounting accessories optional. Power handling 200 W. Black-satin subwoofer finish; black polymer satellite finish. Subwoofer 19 x 14 x 7 1/2 in. Satellites 3 1/4 x 6 1/4 x 4 1/4 in\$999 Acoustimass 4. As above, subwoofer with one 5 1/4-in driver, each satellite with one 2 1/2-in driver in single cube. Without direct/reflected design. Power handling 100 W. Subwoofer 14 x 8 x 8 in. Satellites 3 1/4 x 3 1/4 x 4 1/4 in\$599

Model 701 3-Way Speaker

One 8-in woofer, one 6 1/2-in side-firing midrange, two 2 1/4-in Ferrofluid-cooled tweeters. Features design to provide direct and reflected sound; tuned port; multiple-chamber bass enclosure with 3 acoustic masses; tweeters spaced and angled for imaging; protection circuit. Power handling 400 W. Dark-silver walnut-veneer finish. 10 1/2 x 32 1/2 x 12 1/2 in\$999/pr

How Do You Improve On "The Best Value In The World"?

Cambridge SoundWorks Introduces *New Ensemble*, *New Ensemble II* – and a new member of the family, *Ensemble III*.

Audio magazine once said our *Ensemble*® speaker system may be "the best value in the world." Since then, numerous critics have applauded our *Ensemble* and *Ensemble II* systems. Designed by Henry Kloss (founder of AR, KLH and Advent), they became best sellers by offering quality construction and accurate, wide-range music reproduction — at factory-direct prices.

We're pleased to introduce new versions of our *Ensemble* and *Ensemble II* systems, as well as our new, ultra-compact *Ensemble III*.

The New *Ensemble*

New Ensemble is an improved version of our original dual-subwoofer/satellite speaker system. *New Ensemble* maintains the dual subwoofer design, which allows for maximum room placement flexibility. Placement of bass and high-frequency speakers in a room (and how those speakers interact with the room) has more influence on the sound quality of a music system than just about anything. *New Ensemble's* ultra-slim (4 1/2") subwoofers give you more placement flexibility than any system we know of.



So What's New?

New Ensemble maintains the tonal balance, frequency range and quality of construction of the original. There are two basic differences.

1. *New Ensemble* uses a new 8" woofer with a very long "throw" for linear cone excursion and more accurate bass. An integral heat sink provides improved power handling.

2. *New Ensemble's* satellite speakers use the same speaker drivers and crossover as the original, but with new midrange and high frequency balance controls.

The midrange control lets you choose the same output in the key 800-1600 Hz octave as in the original, or you can emphasize that octave by 2 dB. *Ensemble* satellites have relatively less output in this range to avoid the "boxy" sound typical of many speakers. This results in an "open" sound on large-scale symphonic works. For small-scaled music, the higher output position proves a "warmer" sound.

A high frequency control has three positions: A) The same balance as original *Ensemble*. B) A 2 dB high frequency increase. C) A 2 dB high frequency decrease. The switch can subtly increase the system's "airiness" (Increase) or it can reduce any tendency towards "edginess" (Decrease).

In terms of "real life" performance, we believe our *New Ensemble* system competes head-on with speakers selling for hundreds more. Available with black-laminate subwoofers for \$629, or with vinyl-clad subwoofers for \$549.

The New *Ensemble II*

New Ensemble II is an improved version of our best-selling speaker system. It's more affordable than *New Ensemble* because it uses one cabinet to house both subwoofer speakers. *New Ensemble II* maintains the tonal balance, frequency range, power handling and construction quality of the original *Ensemble II*. But its satellite speakers use the same tonal balance controls as *New Ensemble's*.

New Ensemble II also uses a new flared subwoofer port. The subwoofer cabinet encloses two 6 1/2" long throw woofers mounted in a sealed "acoustic suspension" chamber. They project into a second chamber fitted with the flared port, which provides smoother air flow, eliminating extraneous noise on strong bass notes.

Stereo Review said the original *Ensemble II* "performs so far beyond its price and size it can be compared only with much larger speakers at substantially higher prices." *New Ensemble II* carries on this tradition, outperforming other speakers in its category, including well-known models for about twice the price. Factory-direct price, \$439.

The *Ensemble III*

Now you can bring the clear, balanced wide-range sound of *Ensemble* speakers to a small, crowded room. Our new *Ensemble III's* satellite



speakers are only 4 1/2" x 6 1/2" x 5" and its subwoofer is 8" x 8" x 15".

Compared to *New Ensemble II*, *Ensemble III* gives up a little in power handling, low bass range, and efficiency. Unlike the "cube" satellite speakers you'll find in most similarly priced systems, *Ensemble III's* satellites are two-way speakers. *Ensemble III's* 6 1/2" woofer uses two

voice coils in a cabinet with a flared port for smooth air flow.

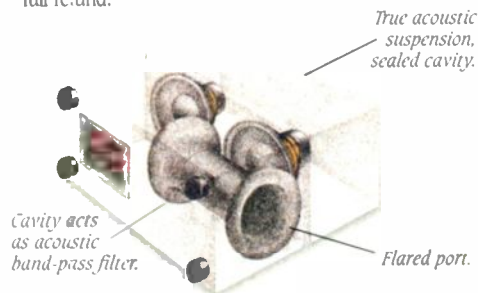
With most recordings *Ensemble III* will sound virtually identical to *New Ensemble II*. It simply won't play as loud. Its construction quality is normally found only in much more expensive speakers.

Factory-direct price, including connecting wire, cutter/stripper and Hook-Up Guide, is only \$329.



30 Day Home Audition.

All Cambridge SoundWorks speakers are backed by a 30-Day Total Satisfaction Guarantee. So you can audition your speaker the *right* way — in your home, with no salesman hovering nearby. If within 30 days you're not happy, return your system for a full refund.



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S P E A K E R S

Acoustimass 5 Series II

Subwoofer/Satellite System

Subwoofer with two 5¼-in drivers; 2 satellites, each with one 2½-in driver in each of two attached rotating cubes. Features design to provide direct and reflected sound; 3 acoustic subwoofer masses providing 36-dB/oct filtering; elliptical toroid subwoofer conduit for radiating air mass; system-protection circuit; 3 subwoofer acoustic-compression chambers; magnetic satellite shielding. Mounting accessories optional. Power handling 200 W/ch. Black or white satin subwoofer finish; black or white polymer satellite finish. Subwoofer 14 x 7½ x 19 in. Satellites 3¾ x 6¾ x 4¾ in. \$799

Powered Acoustimass 3

Powered Subwoofer/Satellite System

Subwoofer with 5¼-in driver; 2 satellites, each with one 2½-in driver; amp rated at 50 W x 1 (subwoofer) + 20 x 2 (satellites). Magnetic satellite shielding. Black veneer subwoofer; black or white satellites. Subwoofer 18½ x 7¾ x 8½ in; 19 lb. Satellites 3 x 3 x 4¼ in; 1 lb. \$699

Acoustimass 3

Powered Subwoofer/Satellite System

Subwoofer with 5¼-in driver; 2 satellites, each with 2½-in driver; 50-W subwoofer amp; 25 W x 2 satellite amp. Designed for multimedia computers. Features system protection circuitry. Magnetic satellite shielding. Includes mono and stereo mini-plug adaptors. Limited 1-yr transferable warranty. Black satin vinyl subwoofer finish; Platinum-painted polymer satellite finish. Subwoofer 18½ x 7½ x 8½ in. Satellites 3 x 3 x 4¼ in. \$699

Model 501 Series V 2-Way Speaker

One 5¼-in woofer, two 2½-in tweeters. Features design to provide direct and reflected sound; multiple-chamber bass enclosure with 3 acoustic masses; 2 tuned ports; tweeters spaced and angled for imaging; protection circuit; magnetic tweeter shielding. Power handling 200 W. Dark-silver walnut-vinyl finish. 7¾ x 31 x 7¾ in; 20 lb. \$599/pr

Acoustimass 3 Series III

Subwoofer/Satellite System

Tuned-slot-port subwoofer with 5¼-in driver; 2 satellites, each with 2½-in driver. Features system protection circuit; two acoustic-compression subwoofer chambers; two acoustic subwoofer masses for 24-dB/oct filtering. Magnetic satellite shielding. Mounting accessories optional. Power handling 100 W. Black or white satin subwoofer finish; black or white polymer satellite finish. Subwoofer 14¼ x 7½ x 8 in. Satellites 3 x 3 x 4¼ in. \$499

Model 301 Series III 2-Way Bookshelf Speaker

One ½-in forward-firing woofer, two 3-in tweeters. Features design to provide direct and reflected sound; one tweeter aimed outward to reflect off side wall, other tweeter aimed inward; slot port; dual-frequency crossover. Power handling 150 W. Black, white, or walnut-grain finish. Dimensions: 17 x 10½ x 9½ in. \$369/pr

Model 4.2 Series II 2-Way Bookshelf Speaker

Slot-port-tuned design with one 8-in forward-firing woofer and two 3-in tweeters. Features design to provide direct and reflected sound; tweeters spaced and angled for improved imaging; dual-frequency crossover. Power handling 150 W. Black or wood-grain veneer finish. 17 x 10½ x 9¼ in. \$369/pr

Model 2.2 Series II. As above, one 6½-in woofer and one 2¼-in tweeter. Power handling 120 W. 14¼ x 9¾ x 9 in. \$229/pr

Video RoomMate Powered Speaker System

2 dual-tuned-port speakers, each with one full-range driver; integral amplifier and active EQ. Designed to plug into TV or VCR. Features helical driver voice coils; distortion-limiting circuitry; copolymer-styrene construction. RCA inputs. Magnetic shielding; volume control. Includes RCA-to-RCA Y-adaptor. Mounting accessories or other adaptors optional. Limited 1-yr transferable warranty. Black and char-

coal. Each speaker 9 x 6 x 6 in. \$339

RoomMate Computer Monitor

Powered Speakers

Two dual-tuned-port speakers, each with full-range driver; integral amplifier and active EQ. Designed for use with multimedia computers. Features helical driver voice coil; distortion-limiting circuitry; molded copolymer-styrene enclosure. Magnetic shielding; volume control. Includes mono and stereo mini-plug adaptors. Limited 1-yr transferable warranty. Platinum color. 9 x 6 x 6 in. \$339/pr

Freestyle Bookshelf Speaker

Two 4½-in drivers. Features helical driver voice coils; copper-clad driver pole pieces; curved and flared port system. Power handling 100 W; imp 4-8 ohms. Black polymer painted finish. 9½ x 5½ x 6 in. \$339/pr

RoomMate II Powered Speakers

2 aerodynamically tuned ported speakers, each with 4½-in driver; integral amplifier and EQ. Designed for portable use. Features helical driver voice coils; distortion-limiting circuitry; polypropylene cabinets; AC power plug. Carrying case with rechargeable-battery pack for 12-hr play on one charge and cigarette-lighter adaptor or mounting accessories optional. Black. 1-yr transferable warranty. Each speaker 9½ x 6½ x 6½ in; 10 lb. \$339/pr

Model 151 Outdoor Speaker

4½-in full-range Kevlar-cone driver. Features outdoor design with resistance to cold, heat, moisture, and salt; silicone-coated driver surround. Power handling 80 W. 5-yr transferable warranty. Dimensions: 9 x 6 x 6 in; 4 lb. \$299/pr

Model 201 Series III 2-Way Bookshelf Speaker

6½-in forward-firing woofer, 2¼-in ferro-cooled tweeter. Features design to provide direct and reflected sound; tweeter angling away from cabinet; Spatial Dispersion tweeter lens for improved soundstage; slot port; dual-frequency crossover. Power handling 120 W. Black, white, or woodgrain-veneer finish. 7¾ x 14½ x 9 in. \$229/pr

Model 101 Bookshelf Speaker

Ported design with 4½-in full-range driver. Features polystyrene-copolymer construction; temperature, vibration, moisture, and dust resistance. Wall- or shelf-mount bracket optional. Power handling 60 W rms; imp 4 ohms. Black weatherproof cabinet and grille or white with choice of red, green, blue, or white grille. 9 x 6 x 5 in. \$219/pr

Model 100 Speaker

4½-in full-range driver. Power handling 80 W. Limited 5-yr transferable warranty. 11 x 6 x 6 in; 4 lb. \$199/pr

VS-100 Surround Speaker

Dual-tuned-port design with 4½-in full-range driver. Designed for center- or rear-channel use in home theater system. Features molded polypropylene cabinet. Magnetic shielding. Mounting accessories optional. Power handling 100 W; imp 8 ohms. Black. 9 x 6 x 6 in. \$129

BOSTON ACOUSTICS

SubSat 7 Subwoofer/Satellite System

Subwoofer with two 7-in drivers in sealed and vented chambers; 2 satellites, each with 4-in midrange and 1-in Ferrofluid-cooled tweeter. Power handling 150 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer: 15 x 19½ x 9 in. Satellite: 8½ x 5 x 5¼ in. \$750

SW-10 Powered Subwoofer

10-in driver in compact vented enclosure; 100-W amp. Features 24-dB/oct active crossover. Auto on/off. Crossover point 95 Hz. Black-ash vinyl finish. 19½ x 11 x 16¼ in. \$600

SubSat 6 Series II Subwoofer/Satellite System

Subwoofer with two 6½-in drivers in sealed and vented chambers; 2 satellites, each with 4-in midrange

and ¾-in Ferrofluid-cooled tweeter. Power handling 100 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer: 16 x 7½ x 15 in. Satellite: 8½ x 5 x 5¼ in. \$500

SurroundSat 6 2-Way Surround Speaker

4-in midrange and ¾-in dome tweeter. Mounting brackets optional. Power handling 100 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 8½ x 5 x 5¼ in. \$200/pr

Lynnfield Series

Drivers in the following products feature patented Amplitude Modification Devices to eliminate the natural resonance of metal diaphragms.

Model 500L 3-Way Speaker

2-piece design comprised of band-pass enclosure with two 6½-in woofers and cast-aluminum chassis with anodized-aluminum 5¼-in midrange and 1-in aluminum-dome tweeter. Triwire/triamp inputs. Power handling 350 W; FR 32-35,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 5 ohms. Rosewood finish. 9 x 48 x 18¼ in. \$5,000/pr
Black-ash finish \$4,500/pr

Model 400L 3-Way Speaker

Two 6½-in woofers, 5¼-in anodized-aluminum midrange, and 1-in aluminum-dome tweeter. Features cast-aluminum woofer chassis in band-pass enclosure. Triwire/triamp inputs. Power handling 350 W; FR 38-35,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 5 ohms. Rosewood finish. Dimensions: 9 x 36¾ x 18¼ in. \$4,000/pr
Black-ash finish \$3,600/pr

Model 300L 2-Way Speaker

5¼-in anodized-aluminum woofer, 1-in aluminum-dome tweeter. Features cast-aluminum chassis. Bi-wire/biamp inputs. Cast-aluminum stand optional. Power handling 250 W; FR 50-35,000 Hz ±3 dB; sens 83 dB SPL/W/m; imp 8 ohms. Rosewood finish. 9 x 11 x 13½ in. \$2,000/pr
Black-ash finish \$1,800/pr

Tower Series

T1030 3-Way Speaker

Acoustic-suspension design with two 8-in copolymer woofers, 6½-in copolymer midrange in subenclosure, and 1-in Ferrofluid-cooled tweeter. Power handling 150 W rms; crossover points 250 and 2,500 Hz; FR 40-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut veneer finish. Dimensions: 10¼ x 42½ x 12¼ in. \$1,200/pr
Black vinyl finish \$1,000/pr

T930 Series II 3-Way Speaker

Acoustic-suspension design with 10-in copolymer woofer, 6½-in copolymer-cone midrange in subenclosure, and 1-in dome tweeter. Power handling 150 W; crossover points 350 and 2,500 Hz; FR 42-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Wood-grain vinyl and black-ash finish. Dimensions: 10½ x 36¾ x 12 in. \$750/pr

T830 3-Way Speaker

Acoustic-suspension design with 8-in copolymer-cone woofer, 3½-in copolymer-cone midrange, and 1-in dome tweeter. Power handling 100 W rms; crossover points 800 and 4,000 Hz; FR 45-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Woodgrain vinyl and black-ash finishes. Dimensions: 10 x 32½ x 9¼ in. \$550/pr

Home THX Series

The following products feature THX certification and are designed to be used together in a home theater system. Three Model 555x's, two Model 575x's, and two 595x's can be purchased as a system for \$2,400.

Model 595x THX Subwoofer

12-in long-throw driver. Designed to extend THX-system's response down to 20 Hz. Power handling 250 W; FR 20-80 Hz ±3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Black or white. Dimensions: 18½ x 17½ x 18¼ in. \$500

In The Mid '70s We Created Home Theater. Now We've Created A New Way To Buy It.



The people who work at Cambridge SoundWorks - including our cofounder Henry Kloss (who also founded AR, KLH and Advent) - have been involved with the concept of home theater from the beginning. In 1969 (years before VCRs and cable TV), Henry Kloss founded Advent, the company that introduced the first home theater audio/video systems - complete with big-screen TVs and digital surround sound. We have had an ongoing relationship with the people at Dolby Laboratories, creators of Dolby Surround Sound, since Henry Kloss introduced the first consumer products with Dolby noise reduction over 20 years ago. And now at Cambridge SoundWorks we believe we have set a new price-to-performance standard for home theater components.

Because we sell carefully matched and tested home theater speaker systems factory-direct, with no expensive middlemen, you can save hundreds of dollars. We believe the products on these pages represent the country's best values in high performance home theater components. Audio critics, and thousands of satisfied customers, agree. *Stereo Review* said "Cambridge SoundWorks manufactures loudspeakers that provide exceptional sound quality at affordable prices." *Audio* suggested that we "may have the best value in the world."

Center Channel Speakers

Cambridge SoundWorks manufactures three speakers for use as center channel speakers in Dolby Pro Logic home theater systems. All three are magnetically shielded so they can be placed near a TV or computer monitor. *Model Ten-A* is a small, affordable two-way speaker. \$80. *Center Channel* is identical to a



Cambridge SoundWorks *Ensemble* satellite (but with magnetic shielding). \$149. *Center Channel Plus* uses an ultra-low, ultra-wide design that is ideal for placement above (or, with optional support stand, below) a TV monitor. \$219.

Surround Speakers

Cambridge SoundWorks makes two "dipole radiator" surround sound speakers. Dolby Laboratories recommends dipole radiator speakers for use as surround speakers.

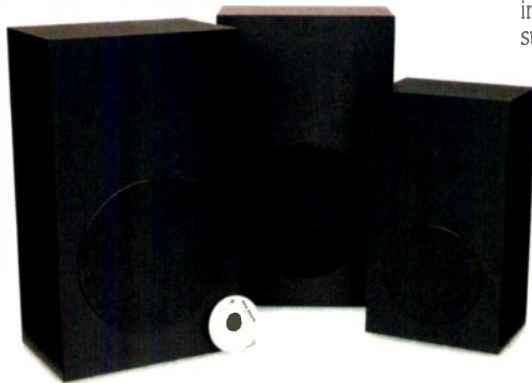


The Surround has a very high power handling capacity and is often selected for "high end" surround sound systems. *Audio*, describing a system that included *The*

Surround said, "In many ways the surround sensation was every bit as good as far more expensive installations." \$399 pr. The smaller *The Surround II* is arguably the country's best value in a dipole radiator speaker. \$249 pr.

Powered Subwoofers

The original *Powered Subwoofer* by Cambridge SoundWorks consists of a heavy-



duty 12" woofer housed in an acoustic suspension cabinet with a 140-watt amplifier and a built-in electronic crossover. *Stereo Review* said it provides "deep powerful bass...31.5 Hz bass output was obtainable at a room-

shaking level... they open the way to having a 'killer' system for an affordable price." \$699. Our *Slave Subwoofer* uses the same woofer driver and cabinet, but does not include the amplifier or crossover. It can only be used in conjunction with

the *Powered Subwoofer*. \$299. The new *Powered Subwoofer II* uses a 120-watt amplifier with an 8" woofer. \$399.

Our *EXO-1* electronic crossover can be used with either of our powered subwoofer systems,

or with powered subwoofers made by other companies. Its high pass filters keep strong, low bass signals out of the main stereo speakers, and directs them to the powered subwoofer. \$299.

Home Theater Speaker Systems

We have assembled a number of home theater speaker systems that consist of center channel, surround and main stereo speakers. The



combination we show here is our best seller. It includes our critically acclaimed *Ensemble* subwoofer satellite speaker system (with dual subwoofers), our *Center Channel Plus* and a pair of our best surround speakers, *The Surround*. You could spend hundreds more than its \$1,167 price without improving performance.

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Model 555x THX Front Speaker

Two 5½-in copolymer woofers, two 1-in Ferrofluid-cooled dome tweeters. Designed for left, center, and right channel in home theater system. Features magnetic shielding. Power handling 150 W; FR 80-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. 11¼ x 18¼ x 7¼ in\$300

Model 575x THX Surround Speaker

Dipole design with one 5½-in copolymer woofer and two side-mounted 2½-in midrange/tweeters. Power handling 150 W; FR 125-20,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Black or white. 7¾ x 11¼ x 4¾ in\$250

Designer In-Wall Speaker Series

The following are designed for flush mounting in walls or ceilings and feature water resistance and a paintable matte-white finish. Each includes mounting hardware; brackets available for new construction.

Model 380 2-Way In-Wall Speaker

8-in copolymer woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 75 W rms; FR 48-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 9½ x 12½ x 3¼ in\$500/pr

Model 360 Series II 2-Way In-Wall Speaker

6½-in copolymer-cone woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Suitable for marine applications. Features galvanized-steel grille with heat-cured epoxy paint. Gold-plated 5-way binding posts. Includes retrofit mounting bracket. Power handling 60 W rms; FR 58-20,000 Hz ±2 dB; sens 90 dB; imp 8 ohms. 7¼ x 10¾ x 2¼ in\$400/pr

PowerVent 300 In-Wall Subwoofer

Two 6½-in drivers in vented/sealed-chamber enclosure. Designed for mounting to floor or ceiling joists. Power handling 100 W; crossover point 140 Hz; sens 89 dB W/m; imp 8 ohms stereo, 4 ohms mono. 7¼ x 13½ x 24 in\$400

Model 350 2-Way In-Wall Speaker

5½-in copolymer woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 50 W rms; FR 68-20,000 Hz ±2 dB; imp 4 ohms. Dimensions: 9½ x 6¼ x 2½ in\$300/pr

Model 335 2-Way In-Ceiling Speaker

5½-in copolymer woofer, ¾-in dome tweeter. Designed for mounting in ceiling. Includes white perforated-metal grille and black recessed-lighting grille. Power handling 50 W; FR 68-20,000 Hz ±2 dB. White. 6¼-in diameter. Mounting depth 3¼ in\$250/pr

Model 325 2-Way In-Wall Speaker

5½-in woofer, ¾-in dome tweeter. Power handling 25 W rms; sens 90 dB SPL/W/m; imp 4 ohms. Matte-white finish. 5¼ x 5¼ x 2¼ in\$200/pr

Model 305 In-Wall Speaker

5½-in dual-cone driver. Power handling 50 W rms; FR 70-16,000 Hz ±3 dB; sens 90 dB SPL/W/m; impedance 8 ohms. Matte-white finish. Mounting depth 2¼ in\$130/pr

HD Series

The following are available in black-ash or woodgrain vinyl.

HD10 2-Way Speaker

6½-in copolymer woofer, 1-in Ferrofluid-cooled soft-dome tweeter, 10-in copolymer passive radiator. Features structural ribbing to reduce metallic vibrations. Power handling 150 W; crossover point 2,500 Hz; FR 40-20,000 Hz ±3 dB; sensitivity 90 dB W/m; impedance 8 ohms. Dimensions: 12½ x 24¼ x 9¼ in; 26.5 lb\$440/pr

HD9 2-Way Speaker

6½-in copolymer woofer, 1-in Ferrofluid-cooled soft-dome tweeter, 8-in passive radiator. Power handling 100 W; crossover point 2,800 Hz; FR 48-20,000 Hz ±3 dB; sens 90 dB W/m; imp 8 ohms. 11¼ x 21 x 8¼ in; 18 lb\$340/pr

HD8 2-Way Speaker

8-in copolymer woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 75 W; crossover point 3,000 Hz; FR 52-20,000 Hz ±3 dB; sens 90 dB W/m; imp 8 ohms. 11¼ x 18¼ x 7¼ in; 16 lb\$250/pr

HD7 2-Way Bookshelf Speaker

7-in copolymer woofer, ¾-in Ferrofluid-cooled dome tweeter. Power handling 75 W; FR 52-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Dimensions: 9 x 14 x 7¼ in\$200/pr
HD5. As above, 5½-in woofer. Power handling 50 W; FR 65-20,000 Hz; sens 89 dB SPL/W/m. 6¼ x 9¼ x 7¼ in\$150/pr

Indoor/Outdoor Series**Voyager 2-Way Outdoor Speaker**

5½-in copolymer woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Features Lexan cabinet; stainless-steel grilles and mounting brackets. Power handling 50 W; crossover point 3,000 Hz; FR 65-20,000 Hz ±3 dB; sens 89 dB W/m; imp 8 ohms. Paintable white finish. 10½ x 6½ x 6¼ in; 6 lb\$400/pr

RunAbout II 2-Way Outdoor Speaker

4½-in copolymer woofer, ¾-in soft-dome tweeter. Features polypropylene cabinet. FR 80-20,000 Hz ±3 dB; crossover point 3,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 8¾ x 5½ x 6¼ in; 6 lb\$250/pr

RunAbout I Outdoor Speaker

4½-in full-range copolymer driver. Features polypropylene cabinet. Includes brackets. FR 80-15,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8¾ x 5½ x 6¼ in; 6 lb\$180/pr

Center Channel Series

The following feature magnetic shielding.

CenterSat7 2-Way Center-Channel Speaker

5½-in copolymer woofer, 1-in dome tweeter, 5½-in passive radiator. Power handling 125 W; FR 65-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black. 6 x 16¼ x 6 in\$300

CenterSat6 2-Way Center-Channel Speaker

4½-in copolymer woofer, ¾-in dome tweeter, 4½-in passive radiator. Power handling 100 W; FR 88-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black. 5½ x 15 x 5¼ in\$200

Model 404v Center-Channel Speaker

4-in copolymer driver. Power handling 100 W; FR 20100-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 5½ x 16¼ x 6 in; 8 lb\$129

BOYNE AUDIO**BW650 2-Way Outdoor Speaker**

Acoustic-suspension design with 6½-in graphite-filled polypropylene woofer and ½-in Ferrofluid-damped titanium-composite dome tweeter. Features weatherproof design; cast-aluminum woofer frame; computer-optimized asymmetrical crossover. Mounting bracket optional. Power handling 60 W rms; crossover point 3,500 Hz; FR 65-20,000 Hz ±3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Charcoal finish. 12½ x 8¼ x 7¼ in; 16.5 lb\$349

BOZAK**Classic Series**

The following feature a satin hardwood finish in dark, light, black, or white oak.

Grand 3-Way Speaker

Patented acoustic-isolation design with four 6-in polypropylene woofers, two 5-in polypropylene midranges, one 1-in titanium-dome tweeter, and two 12-in passive radiators. Biwire/biamp terminals. FR 28-20,000 Hz +1, -2 dB; crossover points 200 and 2,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. 31 x 48 x 16 in; 180 lb\$5,000/pr

Symphony II 3-Way Speaker

Patented acoustic-isolation design with two 8-in

polypropylene woofers, two 5-in polypropylene midranges, one 1-in titanium-dome tweeter, and one 10-in passive radiator. Biwire/biamp terminals. FR 31-20,000 Hz +1, -2 dB; crossover points 225 and 2,000 Hz; sens 92 dB; imp 6 ohms\$3,600/pr

Concerto II 3-Way Speaker

Patented acoustic-isolation design with two 6-in polypropylene woofers, one 5-in polypropylene midrange, one 1-in aluminum-dome tweeter, and one 10-in passive radiator. Biwire/biamp terminals. FR 35-20,000 Hz +1, -2 dB; crossover points 250 and 2,500 Hz; sens 91 dB; imp 6 ohms\$2,600/pr

Rhapsody II 3-Way Speaker

Patented acoustic-isolation dual-port design with 8-in polypropylene woofer, 5-in polypropylene midrange, and 1-in aluminum-dome tweeter. Biwire/biamp terminals. FR 38-20,000 Hz +1, -2 dB; crossover points 300 and 3,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 19 x 38 x 12 in; 80 lb\$1,900/pr

Sonata 3-Way Speaker

Dual-port design with 8-in polypropylene woofer, 5-in polypropylene midrange, and 1-in aluminum-dome tweeter. Features polygon-shaped enclosure. Stand optional. FR 40-20,000 Hz +1, -2 dB; crossover points 300 and 3,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 19 x 26 x 11 in; 55 lb\$1,400/pr

Premiere Series**Model 4 3-Way Speaker**

Tuned-port design with two 8-in cast poly-cone woofers and one 1-in chambered-aluminum tweeter. Features 6- and 18-dB/oct crossovers. Biwire/biamp terminals. Crossover points 400 and 1,700 Hz; FR 35-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 5 ohms. Oak veneer finish. 7-yr warranty. Dimensions: 11½ x 42¼ x 15 in\$1,295/pr

Model 3 2-Way Speaker

Tuned-port design with 8-in cast poly-cone woofer and 1-in chambered-textile tweeter. Features 18-dB/oct crossover. Biwire/biamp terminals. Crossover point 1,700 Hz; FR 40-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. 11½ x 36½ x 14 in\$795/pr

Model 2 2-Way Speaker

Tuned-port design with 8-in poly-cone woofer and 1-in textile tweeter. Features 12-dB/oct crossover. Crossover point 2,200 Hz; FR 45-18,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. Dimensions: 11½ x 23¼ x 14 in\$545/pr

Model 1 2-Way Bookshelf Speaker

Tuned-port design with 6½-in treated-paper cone woofer and 1-in textile tweeter. Features 12-dB/oct crossover. Crossover point 2,500 Hz; FR 57-18,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. 9½ x 15 x 7¼ in\$395/pr

Home Theater Series**HT-C2 2-Way Center-Channel Speaker**

Two 5½-in woofers, ¾-in dome tweeter. Features cast woofer frames. L-pad control. High-gloss black finish. 19 x 7 x 9¼ in\$420

HT-R1 2-Way Surround Speaker

Two 4-in woofers, 3-in tweeter. Features trapezoidal-shaped diffuse field. L-pad tweeter control. High-gloss black or white. 6 x 10 x 5 in\$400/pr

HT-SW1 Subwoofer

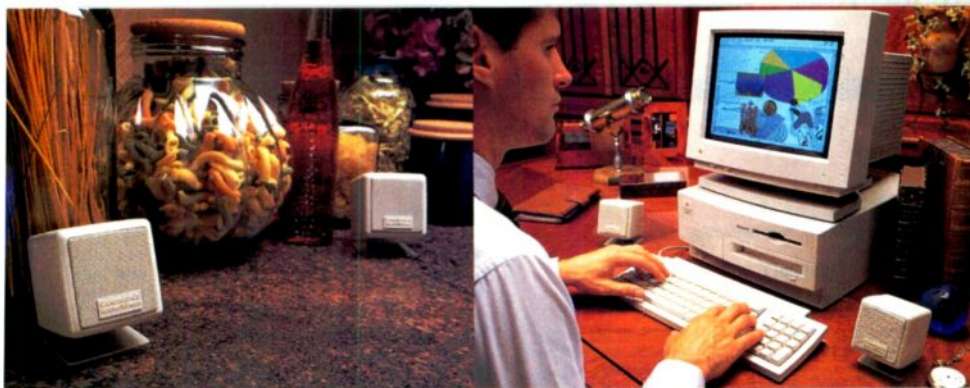
Compound Isobarik vented design with two 5-in drivers. Features 24-dB/oct band-pass design. High-gloss black. 21 x 6½ x 11½ in\$370

HT-C1 2-Way Center-Channel Speaker

Two 4-in woofers, ¾-in dome tweeter. High-gloss black finish. 18 x 6 x 7¼ in\$300

HT-F1 2-Way Bookshelf Speaker

Two 4-in woofers, ¾-in dome tweeter. High-gloss



Introducing *SoundWorks* By Henry Kloss.

We'll get right to the point. *SoundWorks* - our new amplified speaker system may well be the most exciting product ever designed by Henry Kloss - and the most affordable. Never before has so much high quality, wide-range, natural, "big" sound come from such a small, affordable system. It is ideal for literally hundreds of applications, and thousands of people.

SoundWorks consists of a pair of satellite speakers (app. 3 1/2" x 3 1/2" x 3 1/2") and a compact, powered subwoofer cabinet that encloses a 4" woofer, a 3-channel amplifier, equalization and crossover electronics, as well as a control panel.

The Satellites.

The small satellites are magnetically shielded so they can be used very close to a TV or computer monitor. They contain a remarkable 2" speaker driver with a long-throw/wide-range design that reproduces high and mid frequencies all the way down to 150 Hz, without the need for a "midrange" driver. You can order *SoundWorks* with satellites finished black, or in "computer-beige." The satellites can be used as is, hung on walls using their back-panel keyhole slot, used with their supplied mini-stands, or they can be attached to a computer monitor with their velcro kit (supplied).

The Subwoofer.

The subwoofer cabinet (a little bigger than a shoe box: 5" x 8" x 9") reproduces only non-directional bass so it can be placed in out-of-the-way places - on the floor behind your TV set, under your computer desk, or in back of furniture. It contains a 3-channel amplifier that's been precisely tailored to match the speaker drivers. Its control panel includes a stereo mini-jack input for connecting to a computer or a portable CD player, a "set and forget" bass level control, and connecting terminals for the satellite



\$199

Not including CD player

Never Before Has So
Much High Quality,
Wide Range, Natural,
"Big" Sound Come
From Such A Small,
Affordable System.

speaker wires. It also has an input for 12 volt- so you can plug *SoundWorks* into the cigarette lighter in your car or boat!

The Sound.

"Amazing." "Remarkable." "Unbelievable." These are the words used by leading members of the audio press at the unveiling of *SoundWorks*. In terms of frequency range, tonal balance, stereo imaging and overall sound, *SoundWorks* compares very favorably with component music systems costing far more. It just doesn't seem possible that a system so small could produce a sound so "big." But it does.

The Applications.

Because of its small size and price, and because of its magnetically shielded satellites, *SoundWorks* is ideal for use as a multimedia speaker with any computer (it sounds far better than any we've heard designed for that use). It fits easily into smaller rooms - like kitchens, dens, dorms and bedrooms. Its 12-volt capabilities make it perfect for boats, campers and cars. And it's small enough to pack in a suitcase, so you can travel with it.

The Price.

You can buy *SoundWorks* only factory-direct from Cambridge *SoundWorks*. Because we eliminate expensive middlemen, we can sell *SoundWorks* for only \$199. We haven't heard a system for anywhere near its price that we think sounds nearly as good. Period.

30-Day Risk-Free Audition.

With our 30-day risk-free home audition, you can listen to *SoundWorks* the right way - in your home, with your music. If you aren't happy, return it within 30 days for a full refund. We even reimburse your original UPS ground shipping charges in the continental U.S.

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Includes
Guide To
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At Cambridge SoundWorks we make speakers and music systems designed by Henry Kloss (founder of AR, KLH & Advent). We sell them—and components from companies like Sony, Pioneer, Philips, Carver and others—factory-direct, with no expensive middlemen. For example, a Dolby Pro Logic Surround Sound system with Model Six speakers, rear speakers, a Sony Pro Logic receiver and remote is only \$747. Call today and find out why *Audio* magazine said we may have “the best value in the world.”

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S P E A K E R S

black or white, 5 x 9 x 5 in\$300/pr
HT-F2. As above, ¾-in tweeter\$320/pr

BRIGHT STAR AUDIO

Altair Pro 3-Way Speaker

Dynamic Dipole Design with 10-in carbon-polypropylene woofer, 5-in open-back ceramic-coated dipole midrange, 1-in Ferrofluid-cooled ceramic-coated aluminum front tweeter, and 1½-in circular ribbon rear tweeter. Features butyl-rubber woofer surround; minimum-diffraction ceramic-damped cabinet; tapered/slanted front baffle; crossover with film capacitors and air-core inductors. Dual gold-plated inputs. Power handling 450 W; FR 32-21,000 Hz; impedance 4 ohms. Natural-granite finish; other finishes available\$2,450/pr
Altair. As above, rear tweeter ¾-in dome. Power handling 300 W; FR 44-24,000 Hz; impedance 6 ohms\$1,150/pr

Shadow 2-Way Bookshelf Speaker

8-in woofer, Ferrofluid-cooled polymer-dome tweeter. Tapered wedge design for corner placement. Features minimum-diffraction ceramic-damped cabinet; time-aligned baffle. Power handling 120 W; crossover point 2,600 Hz; FR 50-24,000 Hz; sens 87 dB; imp 6 ohms. Natural-granite finish; other finishes available. 17½ x 15 x 9 in; 17 lb\$499/pr

CADAWAS ACOUSTICS

Mobile Monitor One B 2-Way Bookshelf Speaker

8-in woofer, 1-in soft-dome tweeter, and 5-in automatic damper. Features fuse protection, 3-position toggle-switch treble control. Crossover point 2,500 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black gloss laminate finish. 9¼ x 15¼ x 12 in; 20 lb\$2,000/pr

TC-2 Subwoofer

12-in driver and 8-in automatic damper. Features 12-dB/oct filter; fuse protection. 3-position attenuator switch; phase switch. Crossover point 100 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black-gloss laminate finish. 14½ x 24¼ x 11 in; 45 lb\$2,000/pr

CADPRO

Audigo One Bookshelf Speaker

Transmission-line design with 8-in polymer woofer. Dynaudio soft-dome midrange, and Morel soft-dome tweeter. Features MDF enclosure with cast epoxy for sculptured components; mirror-image driver configuration; rounded edges; active crossover at 650 Hz; passive crossover at 6,500 Hz; rubber woofer surround; symmetrical dynamic limiting woofer suspension system; computer-optimized vented woofer pole piece; non-metallic woofer basket; magnetic driver lubricant. Biwire/biamp terminals. Power handling 1,000 W max; FR 50-20,000 Hz ±3 dB; imp 2 ohms. 1-yr parts-and-labor warranty. Magnetic shielding and various finishes available. Dimensions: 12 x 16 x 14 in; 50 lb\$2,995/pr
Audigo SGI. As above, no enclosure sculpturing. Designed for digital workstations. Dimensions: 10¼ x 14¼ x 14 in\$4,995/pr

CAMBER

Ti Series

Model 4.5Ti 2-Way Speaker

Bass-reflex design with two 6½-in woofers, one ¾-in dome tweeter. Biwire/biamp terminals. Power handling 200 W max; sens 92 dB SPL/W/m; imp 8 ohms. 9 x 37 x 12 in; 44 lb\$1,149/pr

Model 3.5Ti 2-Way Speaker

Bass-reflex design with one 8½-in woofer, one ¾-in dome tweeter. Biwire/biamp terminals. Power handling 175 W max; sens 91 dB SPL/W/m; imp 8 ohms. 11 x 25 x 12 in; 35 lb\$949/pr

Model 3.0Ti 2-Way Speaker

Bass-reflex design with one 8½-in woofer, one ¾-in cast-basket titanium-dome tweeter. Biwire/biamp terminals. Power handling 150 W max; sens 91 dB

SPL/W/m; imp 8 ohms. 11 x 20 x 12 in; 29 lb\$799/pr

Model 2.0Ti 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer, one ¾-in dome tweeter. Interchangeable top. Power handling 125 W max; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 17 x 12 in; 20 lb\$649/pr

Model 1.0Ti 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer, one ¾-in dome tweeter. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. Black-vinyl finish. 9 x 15 x 12 in; 18 lb\$499/pr

Laser Series

LS9 MkII 2-Way Speaker

Bass-reflex design with two 6½-in long-throw woofers, one ¾-in dome tweeter. Power handling 200 W max; sens 92 dB SPL/W/m; imp 8 ohms. 9 x 37 x 12 in; 57 lb\$799/pr

LS7 MkII 2-Way Speaker

Bass-reflex design with one 8-in woofer, one ¾-in dome tweeter. Power handling 150 W max; sens 91 dB SPL/W/m; imp 8 ohms. Dimensions: 11 x 24 x 12 in; 40 lb\$599/pr

LS3 MkII 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer, one ¾-in titanium-dome tweeter. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. Dimensions: 8 x 16 x 9 in; 19 lb\$399/pr

LS Subwoofer

Bass-reflex design with one 8-in driver. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. 12 x 24 x 10 in; 35 lb\$399/pr

LS1 2-Way Bookshelf Speaker

Acoustic-suspension design with one 6½-in woofer, one ½-in dome tweeter. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. 8 x 12 x 9 in; 15 pounds\$319/pr

SC Series

SC900 2-Way Speaker

Bass-reflex design with two 6½-in woofers, one ¾-in dome tweeter. Power handling 200 W max; sens 92 dB SPL/W/m. 9 x 37 x 12 in; 57 lb\$799/pr

SC700 2-Way Speaker

Bass-reflex design with one 8-in woofer, one ¾-in dome tweeter. Power handling 150 W max; sens 91 dB SPL/W/m; imp 8 ohms. Dimensions: 11 x 24 x 12 in; 40 lb\$599/pr

SC300 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer, one ½-in Ferrofluid-cooled dome tweeter. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. 8 x 16 x 9 in; 19 lb\$399/pr

CVA Series

CVA 2-Way Center-Channel Speaker

Bass-reflex design with two 6½-in woofers, one ¾-in dome tweeter. Magnetic shielding. Power handling 175 W max; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 24 x 8 in; 37 lb\$299

CVA Mini Center-Channel Speaker

Bass-reflex design with two 5-in drivers. Magnetic shielding. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. 16 x 8 x 7 in; 18 lb\$199

CVA Micro Center-Channel Speaker

Bass-reflex design with two 4-in drivers. Magnetic shielding. Power handling 80 W max; sens 90 dB SPL/W/m; imp 6 ohms. 13 x 7 x 6 in; 17 lb\$149

CAMBRIDGE PHYSICS

The following feature a 5-yr parts-and-labor warranty and an oak finish.

G-66 II 3-Way Speaker

Two 8-in polycone woofers, 3-in dome midrange, 1-in

In-Wall Speakers By Henry Kloss. Inside.

We Don't Know Of Any Other In-Wall Speakers That Match Their Performance, Durability, Value And Ease Of Installation.

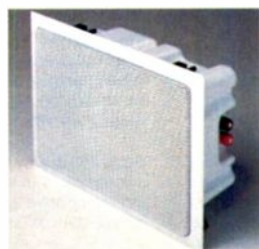
Cambridge SoundWorks manufactures two different in-wall speaker systems designed by Henry Kloss (founder of AR, KLH & Advent). The in-wall version of our *Ambiance*[™] speaker is designed for use indoors. The in-wall version of our all-weather speaker, *The Outdoor*, is suitable for use on the patio, by the pool...even on boats.

Both systems deliver the wide-range, accurate, natural sound people expect from Cambridge SoundWorks. Both systems are covered by our 7-year parts & labor warranty and our 30-day money-back guarantee. And because we sell only factory-direct, with no expensive middlemen, both systems represent outstanding values.

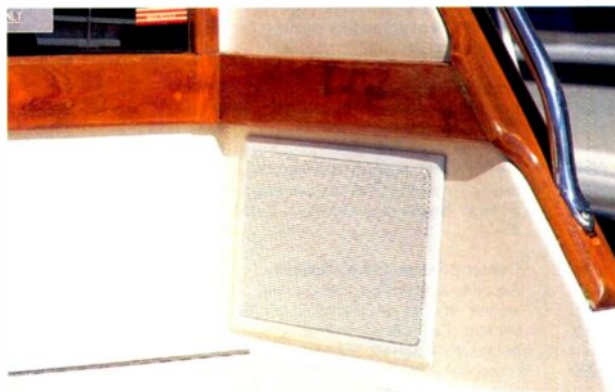
Ambiance In-Wall Speakers.

We don't know of *any* ultra-compact speaker - at *any* price - better than our *Ambiance* speakers. (Also available in free-standing cabinets.) Henry Kloss chose a very wide dispersion tweeter for *Ambiance* In-Wall. It delivers accurate midrange/high-frequency response over a very wide pattern, so you can place the system very high - or very low - on a wall and still hear realistic stereo imaging anywhere in the room. This flexibility can be very important for in-wall installations.

We don't know of any loudspeaker its size with better bass response than *Ambiance* In-Wall. *Stereo Review* magazine said "They easily held their own against substantially larger, more expensive speakers...a lot of good sound at a hard-to-beat price." Factory-direct price, \$329 pr.



8 1/4" wide x 11 3/4" high x 3 3/4" deep (below mounting surface) x 3/8" (above mounting surface, including grille).



And Out.

The Outdoor In-Wall Speakers.

The Outdoor In-Wall speaker is very similar to *Ambiance* in overall sound, and has the same wide dispersion pattern. It is slightly more efficient, so that it can produce high volume levels with a reasonably powered receiver - which is very appropriate for an outdoor speaker. It has an electro-plated steel grille and a slim-line enclosure with a braced polymer shell. Unlike other in-wall systems, its mounting frame is integrated with a fully sealed enclosure that provides not only weather resistance, but also proper acoustic loading for the speaker drivers. It includes

stainless steel hardware and gold-plated five-way binding posts. (Also available in free-standing cabinets.) Factory-direct price, \$329 pr.

Easy To Paint. Easy To Install.

Both our in-wall systems can be used as-is with their supplied off-white finish. Or you can paint them any color. Both systems are also an installer's dream. Because they include sealed enclosures, you don't have to create an enclosure within your walls. And a plastic "dog leg" locking system makes final installation as simple as turning a screwdriver.

**"A Lot Of Good Sound
At A Hard-To-Beat-Price."**

Stereo Review

Satisfaction Guaranteed.

With our 30-day money-back guarantee you can audition these speakers the *right* way - in your home, listening to your music, with no salesman hovering nearby. If within 30 days you aren't entirely happy, return for a full refund. We even reimburse original UPS ground shipping charges in the continental U.S.

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S P E A K E R S

Ferrofluid-cooled dome tweeter. Features 24-dB/oct crossover. FR 26-22,500 Hz; crossover points 450 and 4,000 Hz; sens 92.5 dB. Dimensions: 18 x 44 x 12 in; 90 lb\$1,000

G-33 II 2-Way Speaker

10- and 8-in polycone woofers, 1-in Ferrofluid-cooled dome tweeter. Features 18-dB/oct crossover. FR 36-22,500 Hz; crossover point 1,500 Hz; sens 91 dB; imp 6 ohms. 16 x 29½ x 9 in; 34 lb\$525/pr

G-11 II 2-Way Speaker

8-in polycone woofer, 1-in Ferrofluid-cooled dome tweeter. Features 12-dB/oct crossover. Power handling 100 W cont; crossover point 1,500 Hz; FR 44-22,500 Hz; sens 90 dB; imp 6 ohms. 12 x 19½ x 8½ in; 20 lb\$400/pr

G-7 II 2-Way Bookshelf Speaker

6½-in polycone woofer, ¾-in Ferrofluid-cooled metal-dome tweeter. Features 12-dB/oct crossover. Power handling 60 W cont; crossover point 2,500 Hz; sens 90 dB; imp 6 ohms. 12 x 16 x 6 in; 15 lb\$300/pr

K-5 II 2-Way Bookshelf Speaker

5¼-in woofer, ¾-in cone tweeter. Features 12-dB/oct crossover. Power handling 75 W; crossover point 4,200 Hz; sens 88 dB. 8 x 11 x 6 in\$249/pr

CAMBRIDGE SOUNDWORKS

The following are designed by Henry Kloss and are available only through mail order (see Directory of Manufacturers). They feature a 30 day in-home trial period and 7-yr limited parts-and-labor warranty.

Model Eleven-A 3-Way Powered Speaker System

Subwoofer; 2 satellites; 36-W 3-channel amp. Features transportable design with carrying case acting as subwoofer cabinet when empty and closed. 110/220-V operation; battery operation. Includes 12-V car cigarette-lighter adaptor. Rechargeable battery available. 17½ x 10½ x 7½ in packed\$729

Model Eleven Stationary. As above, subwoofer stationary. Design not transportable\$649

Powered Subwoofer

Acoustic-suspension design with 12-in driver; 140-W amp. Features active crossover. Line- and speaker-level inputs. Level control. Crossover point selectable at 55, 80, 100, or 140 Hz. Black. 15½ x 26½ x 10¼ in\$699

Passive "Slave" Subwoofer. For use with above. Raises power output to 200 W. Black. 15½ x 26½ x 10¼ in\$299

New Ensemble Subwoofer/Satellite System

2 subwoofers, each with 8-in driver; 2 satellites, each with 4-in Ferrofluid-cooled midrange and 1¼-in Ferrofluid-cooled direct-radiator tweeter. Features ¾-in integral tweeter dome; high-density particleboard subwoofer cabinet with internal bracing; ½-in-MDF wood-composite satellite cabinets. Gold-plated 5-way binding posts. Midrange and tweeter balance controls. Power handling 200 W; imp 6 ohms. Black-laminate subwoofers; Nextel gray or primed-for-painting satellites. Subwoofers 12 x 21 x 4½ in. Satellites 8½ x 5¼ x 4 in\$629

Above with vinyl-clad subwoofers\$549

New Ensemble II. As New Ensemble, one subwoofer with two 6½-in drivers. Subwoofer 16 x 14 x 7¼ in\$439

Powered Subwoofer II

Acoustic-suspension design with 8-in long-throw driver; 120-W amp. Features active crossover with 18-dB/oct low-pass filter. Line- and speaker-level inputs; gold-plated binding posts. Level control. Crossover point selectable at 55, 80, 100, or 140 Hz. Black. 21 x 11½ x 8½ in\$399

The Surround 2-Way Surround Speaker

Dipole design with one 4-in woofer and two 3½-in midranges. Power handling 100 W. FR 125-10,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Nextel gray or primed-for-painting finish. 8½ x 5¼ x 5¼ in\$399/pr

The Surround II. As The Surround, two drivers. Power handling 60 W. 6½ x 4¾ x 4¾ in\$249/pr

Ensemble III Subwoofer/Satellite System

Acoustic band-pass subwoofer with 6½-in dual-voice-coil driver; 2 satellites, each with 3¼-in Ferrofluid-cooled midrange and 1-in Ferrofluid-cooled tweeter. Features single flared subwoofer port; MDF subwoofer cabinet; ABS satellite enclosures. Magnetic satellite shielding. Black subwoofer; Nextel gray or primed-for-painting satellites. Subwoofer 8 x 8 x 15 in. Satellites 6½ x 4¾ x 3 in\$329

The Outdoor 2-Way Outdoor Speaker

Acoustic-suspension design with 5¼-in copolymer woofer and 1-in dome tweeter. Features water resistance; inert calcium-filled polypropylene enclosure. Gold-plated 5-way binding posts. Off-white paintable finish. 7 x 11 x 5½ in\$279/pr

The Outdoor In-Wall. As above, in slim-line enclosure with braced polymer shell. Dimensions: 8¼ x 11¼ x 3¼ in\$329/pr

Center Channel Plus 2-Way Speaker

Acoustic-suspension design with four 3½-in drivers and one 1¼-in direct-radiator tweeter. Features Ferrofluid driver cooling; integral ¾-in tweeter dome; MDF enclosure. Magnetic shielding. Power handling 100 W; sens 86 dB; imp 8 ohms. Black-vinyl finish. 4 x 25 x 6½ in\$219

Support for under-TV use\$25

Ambiance 2-Way Bookshelf Speaker

Acoustic-suspension design with 5¼-in woofer and 1-in Ferrofluid-cooled dome tweeter. Crossover point 1,800 Hz; sens 83 dB SPL/W/m; imp 8 ohms. Solid-oak finish. 11 x 7 x 5½ in\$200

Nextel-gray or primed-for-painting finish\$175

In-wall version\$165

SoundWorks Multi-Media

Powered Subwoofer/Satellite System
Band-pass subwoofer with 4½-in long-throw driver; 2 satellites, each with 2½-in long-throw driver; 3-channel 90-W amp integrated within subwoofer. AC/DC operation. Includes desk stands. Black subwoofer; off-white or Nextel-gray satellites. Satellites 3¾ x 3¾ x 3¾ in\$179

Center Channel 2-Way Speaker

Acoustic-suspension design with 4-in long-throw woofer and 1¼-in Ferrofluid-cooled direct-radiator tweeter. Features ¾-in integral tweeter dome; MDF enclosure. Magnetic shielding. Power handling 60 W; crossover point 2,300 Hz; sens 86 dB; imp 6 ohms. Nextel gray or primed-for-painting finish. 8¾ x 6¼ x 4 in\$149

Model Six 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in long-throw polypropylene woofer and 1¼-in Ferrofluid-cooled tweeter. Features integral ¾-in tweeter dome; MDF enclosure. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB; imp 8 ohms. Oak, teak, or black-ash finish. 18¼ x 11¼ x 7¼ in\$129

Model Ten-A 2-Way Bookshelf Speaker

Acoustic-suspension design with 3¼-in woofer and 1-in tweeter. Features Ferrofluid driver cooling; damped ABS enclosure. Magnetic shielding. Imp 6 ohms. Nextel gray or primed-for-painting finish. 8¾ x 5¼ x 4 in\$80

CANTON

All Canton Speakers feature 12-dB/oct crossover slopes and an imp of 4-8 ohms.

Ergo 120DC 4-Way Speaker

Bass-reflex design with two 10-in woofers, one 6-in midbass, one 2-in midrange, and one 1-in tweeter. Power handling 350 W max; crossover points 300, 3,500, and 7,000 Hz; FR 18-30,000 Hz; sens 89.4 dB SPL/W/m. Light-cherry, oak, walnut, black-ash, or white-ash finish; custom finish available. 12¾ x 51¼ x 16½ in; 110 lb\$6,000/pr

Ergo 100DC 3-Way Speaker

Bass-reflex design with two 9-in woofers, one 6-in midrange, and one 1-in tweeter. Power handling 300 W max; crossover points 300 and 3,500 Hz; FR 18-30,000 Hz; sens 89.1 dB SPL/W/m. Light-cherry, oak, walnut, black-ash, or white-ash finish; custom finish available. 11 x 45¼ x 13¼ in; 79.2 lb\$4,000/pr

Ergo 90DC. As above, 8-in woofers. Power handling 250 W max; FR 20-30,000 Hz; sens 88.3 dB SPL/W/m. 10 x 41¾ x 12½ in; 49.5 lb\$3,000/pr

Ergo 80DC. As Ergo 90DC, 3-way design without 6-in driver. Power handling 180 W max; FR 22-30,000 Hz; sens 87.5 dB SPL/W/m. 9¾ x 37½ x 10½ in; 41.8 lb\$2,000/pr

Karat 950DC 2-Way Speaker

Bass-reflex design with 7-in woofer and 1-in tweeter. Power handling 140 W max; crossover point 2,800 Hz; FR 26-30,000 Hz; sens 87.9 dB SPL/W/m. Walnut, black, white, or dark-cherry finish. 9 x 19¼ x 10¼ in; 23.5 lb\$1,250/pr

Plus E Subwoofer

Bass-reflex design with 12-in driver. Power handling 180 W max; crossover point 120 Hz; FR 18-120 Hz; sens 89.5 dB SPL/W/m. Walnut, black, or white. 14¼ x 22 x 14¼ in; 55.4 lb\$1,000

High-gloss mahogany, high-gloss black, high-gloss white, or other custom finish\$1,500

Karat 930DC 2-Way Speaker

Bass-reflex design with 9-in woofer and 1-in tweeter. Power handling 120 W max; crossover point 2,800 Hz; FR 27-30,000 Hz; sens 87.3 dB SPL/W/m. Walnut, black, white, or dark-cherry finish. 10¼ x 17 x 10¼ in; 24.2 lb\$1,000/pr

Karat 920DC. As above, 8-in woofer. Power handling 100 W max; FR 33-30,000 Hz; sens 87 dB SPL/W/m. 9 x 13½ x 8¼ in; 15 lb\$750/pr

Combi 24DC Subwoofer/Satellite System

Sub with two 8-in drivers; two satellites, each with 4-in woofer and 1-in tweeter. Power handling 140 W max; crossover points 120 and 2,500 Hz; FR 22-30,000 Hz; sens 87.9 dB SPL/W/m. Black-vinyl sub finish; black or white satellites. Sub 19¼ x 9 x 12½ in; 31.9 lb. Satellites 5¾ x 8 x 5½ in; 5.1 lb\$995

Plus C Subwoofer

12-in driver. Power handling 100 W max; crossover point 120 Hz; FR 22-120 Hz; sens 87.7 dB SPL/W/m. Walnut, black, or white. Dimensions: 13¾ x 14¼ x 13¾ in; 26.2 lb\$600

InWall9 2-Way Speaker

Coaxial design with 9-in woofer and 1-in tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 34-22,000 Hz; sensitivity 89 dB SPL/W/m. White. Mounting diameter 9¾ x 9¾ in. Mounting depth 3¼ in\$600/pr

InWall6. As above, 6-in woofer and ½-in tweeter. Power handling 75 W max; crossover point 4,000 Hz; FR 45-22,000 Hz; sens 87 dB SPL/W/m. Mounting diameter 6¾ x 6¾ in\$500/pr

Plus D 2-Way Bookshelf Speaker

Bass-reflex design with 6-in woofer and 1-in tweeter. Power handling 80 W max; crossover point 2,500 Hz; FR 41-30,000 Hz; sens 88 dB SPL/W/m. Black or white. 7¾ x 10¾ x 7¾ in; 8.8 lb\$500/pr

Patio 160 2-Way Outdoor Speaker

6-in woofer, 1-in tweeter. Power handling 80 W max; crossover point 2,900 Hz; FR 42-30,000 Hz; sens 88 dB SPL/W/m. White. 7 x 10¾ x 5 in; 8.8 lb\$450/pr

Plus F 2-Way Wall Speaker

4-in woofer, 1-in tweeter. Designed for on-wall

S P E A K E R S

mounting. Power handling 70 W max; crossover point 2,500 Hz; FR 48-30,000 Hz; sens 87.4 dB SPL/W/m. Black or white. Dimensions: 7 1/2 x 10 1/2 x 2 1/2 in; 4.9 lb\$400/pr

AV500 2-Way Center-Channel Speaker

Bass-reflex design with two 4-in woofers and one 1-in tweeter. Power handling 100 W max; crossover point 3,000 Hz; FR 40-30,000 Hz; sens 87.5 dB SPL/W/m. Black or white. 17 x 5 1/2 x 6 1/2 in\$400

Plus X 2-Way Mini Speaker

4-in woofer, 1-in aluminum-manganese dome tweeter. Power handling 80 W max; crossover point 2,500 Hz; FR 45-30,000 Hz; sens 87 dB SPL/W/m. Black or white. 5 1/2 x 8 x 5 1/2 in; 5.1 lb\$375/pr

Plus S 2-Way Mini Speaker

4-in woofer, 1-in tweeter. Power handling 70 W max; crossover point 2,200 Hz; FR 45-30,000 Hz; sens 87.2 dB SPL/W/m. Black or white. 4 1/2 x 8 x 4 1/2 in; 5.1 lb\$350/pr
Walnut finish\$500/pr

HC100 2-Way Bookshelf Speaker

4-in woofer, 1-in tweeter. Power handling 60 W max; crossover point 1,700 Hz; FR 48-30,000 Hz; sens 87.2 dB SPL/W/m. Black or white. 7 1/2 x 4 1/2 x 5 1/2 in; 4 lb\$300/pr

SC Series

Each of the following features an outboard active line-level distortion-correction processor with inputs for a preamplifier and outputs for a power amplifier.

Ergo SC-L 3-Way Speaker

Bass-reflex design with two 9-in woofers, one 6-in midrange, one 1-in tweeter. Power handling 350 W max; crossover points 300 and 3,500 Hz; FR 18-30,000 Hz; sens 88.5 dB SPL/W/m. Oak, walnut, black-ash, white-ash, or light-cherry finish. 10 x 4 1/2 x 12 1/2 in; 51.7 lb\$4,000/pr
High-gloss black, high-gloss white, or other custom finish\$5,500/pr

Ergo SC-S 3-Way Speaker

Bass-reflex design with 7-in woofer, 7-in midrange, 1-in tweeter. Power handling 250 W max; crossover points 300 and 3,500 Hz; FR 18-30,000 Hz; sens 87.5 dB SPL/W/m. Oak, walnut, black-ash, white-ash, or light-cherry finish. Dimensions: 8 1/2 x 35 1/2 x 9 1/2 in; 37.5 lb\$2,500/pr
High-gloss black, high-gloss white, or other custom finish\$4,000/pr

Karat SC 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter. Power handling 180 W max; crossover point 3,000 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m. Walnut, black-ash, white-ash, or dark-cherry finish. 9 x 13 1/2 x 10 1/2 in; 19.1 lb\$2,000/pr

Combi SC Subwoofer/Satellite System

Subwoofer with 9-in driver; two satellites, each with 4-in midrange and 1-in tweeter. Power handling 150 W max; crossover points 120 and 3,300 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m. Black or white. Subwoofer 11 x 11 1/2 x 13 1/2 in; 21.3 lb. Satellites 4 1/2 x 5 x 5 in; 3.1 lb\$1,500

Fonum Series

The following are finished in black vinyl.

Fonum 701 3-Way Speaker

Bass-reflex design with two 8-in woofers, one 6-in midrange, and one 1-in tweeter. Power handling 200 W max; crossover points 300 and 3,500 Hz; FR 20-30,000 Hz; sens 89.1 dB SPL/W/m. 9 1/2 x 39 1/2 x 12 1/2 in; 48.4 lb\$1,549/pr

Fonum 601. As above, one 8-in woofer, one 8-in midrange, and one 1-in tweeter. Power handling 150 W max; FR 25-26,000 Hz; sens 89.5 dB SPL/W/m. 9 1/2 x 35 1/2 x 10 1/2 in; 40 lb\$1,139/pr

Fonum 501 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter.

Power handling 120 W max; crossover point 3,200 Hz; FR 30-26,000 Hz; sens 88.5 dB SPL/W/m. 9 1/2 x 31 1/2 x 10 1/2 in; 34.1 lb\$829/pr

Fonum 401 2-Way Bookshelf Speaker

Bass-reflex design with 9-in woofer and 1-in tweeter. Power handling 110 W max; crossover point 3,000 Hz; FR 35-26,000 Hz; sens 87.6 dB SPL/W/m. 10 1/2 x 16 1/2 x 9 1/2 in; 18 lb\$549/pr

Fonum 301. As above, 8-in woofer. Power handling 90 W max; FR 38-26,000 Hz; sens 86.7 dB SPL/W/m. 9 1/2 x 14 1/2 x 8 1/2 in; 13.2 lb\$439/pr

Fonum 251 2-Way Bookshelf Speaker

Bass-reflex design with 6-in woofer and 1-in tweeter. Power handling 80 W max; crossover point 3,200 Hz; FR 42-26,000 Hz; sens 85.3 dB SPL/W/m. 7 1/2 x 11 1/2 x 8 in; 9.5 lb\$329/pr

CARVER

AL-III 2-Way Ribbon Speaker

10-in down-firing ported woofer, 48-in full-range ribbon driver. Features quasi-Butterworth 18-dB/oct crossover. Bass, midrange, and treble frequency controls. Natural or black solid oak. Power handling 575 W; crossover point 150 Hz; FR 34-20,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 4 ohms. 14 1/2 x 72 1/2 x 16 1/2 in; 80 lb\$1,700/pr

CELESTION

MP-1 2-Way Bookshelf Speaker

Rear-vented design with 4 1/2-in woofer and 1-in soft-dome tweeter. Magnetic shielding; weather resistance; integral adjustable stand/wall mount. Gray or white\$299/pr

KR-1 2-Way Bookshelf Speaker

5 1/2-in coaxial driver. Gray\$280/pr

Center-2 2-Way Center-Channel Speaker

Vented design with two 4 1/2-in woofers and one 1-in soft-dome tweeter. Magnetic shielding; adjustable tilting feet. Gray\$249

Little1 2-Way Bookshelf Speaker

Sealed design with 3 1/2-in woofer and 1-in soft-dome tweeter. Integral stand/wall mount\$199/pr

Hundreds Series

Celestion 700SE 2-Way Speaker

Aerolam aluminum honeycomb sealed enclosure with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features figure-8 bracing. Biwire/biamp terminals. Integral stand with loading materials. Gray Nextel finish\$3,399/pr

Celestion 600Si 2-Way Speaker

Aerolam aluminum honeycomb sealed enclosure with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in copper-dome tweeter. Biwire/biamp terminals. Stand optional. Gray Nextel finish\$2,099/pr

DLP-600. Digital processor for above to reduce amplitude and phase errors. Includes fiber-optic and RCA cables\$799

Celestion 300 2-Way Speaker

Transmission-line design with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features dual figure-8 bracing; adjustable spikes. Biwire/biamp terminals. Mahogany finish\$1,999/pr
Walnut or black-oak finish\$1,799/pr

Celestion 100 2-Way Speaker

Sealed design with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features dual-figure-8 bracing. Biwire/biamp terminals. Stand optional. Mahogany finish\$1,299/pr
Walnut or black-oak finish\$1,199/pr

Shield Series

The following are magnetically shielded.

Celestion CS8 3-Way Speaker

Vented design with two 5-in felted-fiber woofers, one

4 1/2-in midrange, and one 1-in titanium-dome tweeter. Biwire/biamp terminals. Gray\$699/pr

Celestion CS6 2-Way Speaker

Vented design with two 5-in felted-fiber woofers and one 1-in titanium-dome tweeter. Biwire/biamp terminals. Gray\$599/pr

Celestion CSW Powered Subwoofer

Band-pass enclosure with 8-in driver; 75-W amp. Features variable crossover. Magnetic shielding. Gray\$479

Celestion CS4 2-Way Bookshelf Speaker

Vented design with 5-in felted-fiber woofer and one 1-in titanium-dome tweeter. 5-way binding posts. Gray\$329/pr

Celestion CS2 2-Way Bookshelf Speaker

Vented design with 4-in woofer and 1-in titanium-dome tweeter. 5-way binding posts. Gray\$229/pr

Celestion CSC 2-Way Center-Channel Speaker

Two 3 1/2-in felted-fiber woofers, one 1-in polymer-dome tweeter. Gray\$179

Units Series

Celestion 9 3-Way Bookshelf Speaker

6-in felted-fiber woofer, 4-in midrange, 1-in titanium-dome tweeter. Black-ash or oak finish\$599/pr

Celestion 7 2-Way Bookshelf Speaker

8-in polyolefin woofer, 1-in titanium-dome tweeter. Black-ash or oak finish\$499/pr

Celestion 5 2-Way Bookshelf Speaker

6-in felted-fiber woofer, 1-in titanium-dome tweeter. Black-ash or oak finish\$399/pr

Celestion 3. As above, 5-in woofer\$289/pr

Celestion CS135 Subwoofer

Dual-cavity vented band-pass design with 8-in driver. Black-ash finish\$249/pr

Celestion 1 2-Way Bookshelf Speaker

4-in felted-fiber woofer, 1-in titanium-dome tweeter. Black-ash or oak finish\$199/pr

CELLO

Stradivari Grand Master 3-Way Speaker

Acoustic-suspension design with two 12-in woofers, eight 2-in dome midranges, and eight 3/4-in dome tweeters. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz; imp 2 ohms. Piano black finish. 17 x 86 1/2 x 18 in; 500 lb\$50,000/pr
Rosewood finish\$48,000/pr

Stradivari Master 3-Way Speaker

Acoustic-suspension design with two 12-in woofers, four 2-in dome midranges, and four 3/4-in dome tweeters. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz; imp 3 ohms. Piano black finish. 17 x 61 1/2 x 18 in; 370 lb\$30,000/pr
Rosewood finish\$26,000/pr

Stradivari Premiere 3-Way Speaker

12-in woofer, 3-in dome midrange, 1-in dome tweeter. Features Dynaudio drivers. Crossover points 500 and 7,000 Hz; imp 6 ohms. Piano black finish. 17 x 45 x 18 in; 260 lb\$15,000/pr
Black ash finish\$12,000/pr
Rosewood finish\$10,000/pr

Amati 3-Way Speaker

Acoustic-suspension design with 12-in woofer, four 1 1/2-in dome midranges, and four 3/4-in tweeters. Crossover points 400 and 5,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Dimensions: 19 x 27 x 10 in; 80 lb\$10,000/pr

Legend 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 3-in dome midrange, and 1-in dome tweeter. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz. Matte black finish. Dimensions: 14 x 26 1/2 x

12 in; 80 lb\$6,000/pr

CERWIN-VEGA

All Cerwin-Vega speakers feature a 5-yr limited warranty.

W-8X2 2-Way In-Wall Speaker

8-in woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Features self-resetting tweeter protection. Power handling 125 W; crossover point 3,500 Hz; FR 40-20,000 Hz ± 2 dB; sens 92 dB SPL/W/m; imp 8 ohms. White matte finish. Dimensions: 14½ x 10½ x 3¾ in; 23.2 lb\$530/pr

W-SUB8 In-Wall Subwoofer

8-in driver. Features treated-foam driver surround; 12-dB/oct crossover. Power handling 125 W; crossover point 3,500 Hz; FR 40-125 Hz ± 3 dB; sens 92 dB SPL/W/m. White matte finish. 14½ x 10½ x 3¾ in; 20.8 lb\$460/pr

HT Series

Sensurround 7 Home Theater System

Two subwoofers, each with 10-in driver; one center-channel speaker; 4 satellite speakers. Features magnetic shielding for all components\$1,660

Sensurround 6 Home Theater System

One subwoofer with 10-in driver; one center-channel speaker; 4 satellite speakers. Black woodgrain-vinyl finish\$1,155

Sensurround 5 Home Theater System

Pedestal-design subwoofer/center-channel speaker with 10-in driver and 2-way center-channel speaker; four 2-way satellite speakers\$1,410

HT-12PWR Powered Subwoofer

Bass-reflex design with 12-in driver; integral 100-W amp. Features motor-driven volume control; clipping protection with indicator; 12-dB/oct crossover. Auto turn-on; phase-reverse switch; remote control. Crossover point variable from 80-150 Hz; FR 30-150 Hz ± 3 dB. 15 x 17¼ x 23½ in\$900

HT-10PWR. As above, 10-in driver. 13 x 17½ x 16¼ in\$800

HT-210C Subwoofer/Center-Channel Pedestal

Pedestal design combining subwoofer with two 10-in drivers and center-channel speaker with 6½-in midrange and 1-in polycarbonate-dome tweeter. Features defeatable passive crossover. Power handling 150 W subwoofer, 80 W center channel; FR 38-20,000 Hz ± 2 dB subwoofer, 80-20,000 Hz ± 2 dB center channel; sens 94 dB SPL/W/m subwoofer; imp 8 ohms subwoofer. Ebony woodgrain vinyl finish. 19 x 33 x 20 in; 98 lb\$650

HT-12D Subwoofer

Bass-reflex design with 12-in dual-voice-coil driver. Features die-cast aluminum driver frame; passive crossover. Power handling 250 W; FR 38-125 Hz; sens 94 dB SPL/W/m. Black woodgrain vinyl finish. 15 x 18½ x 23½ in; 54 lb\$445

HT-10D. As above, 10-in driver. Power handling 150 W. 13 x 18½ x 16¼ in; 34 lb\$330

HT-S6 2-Way Satellite Speaker

Vented design with 6½-in midrange and 1-in polycarbonate-dome tweeter. Power handling 80 W cont avg; FR 100-20,000 Hz ± 2 dB; sens 92 dB SPL/W/m; imp 8 ohms. Ebony woodgrain vinyl finish. 8½ x 11¼ x 9¾ in; 10 lb\$380/pr

HT-S5 2-Way Satellite Speaker

Vented design with 5-in midrange and 1-in dome tweeter. Features magnetic shielding. Power handling 60 W; FR 125-20,000 Hz ± 2 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain vinyl finish. 9¾ x 6½ x 6¾ in; 10.5 lb\$330/pr

HT-CTR 3-Way Center-Channel Speaker

Vented design with two 6½-in midranges and one 1-in polycarbonate-dome tweeter. Features magnetic shielding. Power handling 150 W cont avg; FR 80-

20,000 Hz ± 2 dB; sens 94 dB; imp 8 ohms. Ebony woodgrain vinyl finish. Dimensions: 16¾ x 8¼ x 11¼ in; 15.8 lb\$320

HT-110 Subwoofer

Vented design with 10-in driver. Features die-cast aluminum frame; defeatable passive crossover. Power handling 250 W cont avg; FR 38-100 Hz ± 2 dB; sens 94 dB SPL/W/m; imp 8 ohms. Black ebony woodgrain finish. 17½ x 13 x 24½ in; 53 lb\$290

HT-MDC 2-Way Center-Channel Speaker

Two 5½-in long-throw midranges, one 1-in polycarbonate-dome tweeter. Features rubber midrange surrounds. Power handling 80 W; sens 94 dB SPL/W/m. Black woodgrain vinyl finish. 6½ x 14½ x 6 in\$235

HT-SMC Center-Channel Speaker

4 x 10-in full-range driver. Features magnetic shielding. Power handling 80 W; FR 100-10,000 Hz ± 2 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain vinyl finish. 6 x 15 x 8 in; 9 lb\$165

DX Series

Each of the following feature self-resetting tweeter protection, push terminals, and 12-dB/oct crossover slopes.

DX-9 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in cone midrange, and 1-in dome tweeter. Power handling 400 W cont avg; crossover points 250 and 5,000 Hz; FR 30-20,000 Hz ± 3 dB; sens 101 dB SPL/W/m; imp 4 ohms. Woodgrain vinyl finish. Dimensions: 18 x 36 x 18 in; 85 lb\$555

DX-7. As above, 12-in woofer. Power handling 255 W cont avg; FR 34-20,000 Hz ± 3 dB; sens 98 dB SPL/W/m. 15 x 34 x 15 in; 69 lb\$410

DX-5. As DX-7, 4-in midrange. Power handling 175 W cont avg; crossover points 500 and 4,000 Hz; FR 36-18,000 Hz ± 3 dB; sens 96 dB SPL/W/m; imp 8 ohms. 15 x 31 x 10¾ in; 44 lb\$345

DX-3 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in dome tweeter. Power handling 125 W cont avg; crossover points 350 and 5,000 Hz; FR 37-18,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 8 ohms. Woodgrain vinyl finish. Dimensions: 13 x 28 x 11 in; 34 lb\$320

DX-1 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Power handling 100 W cont avg; crossover point 2,500 Hz; FR 40-18,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. Woodgrain vinyl finish. 11 x 20 x 11 in; 25 lb\$205

Re Series

Each of the following features self-resetting tweeter protection, 5-way binding posts, and a walnut vinyl finish.

Re-38 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in midrange, and 1-in polypropylene-foam dome tweeter. Features fuse protection. Power handling 400 W rms; FR 27-20,000 Hz ± 3 dB. 18 x 35¼ x 17¼ in \$540

Re-30 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 1-in metallized-Mylar dome tweeter. Features fuse protection. Power handling 250 W rms; FR 28-20,000 Hz ± 3 dB; sens 97 dB SPL/W/m; imp 4 ohms. 16½ x 32 x 13¼ in\$345

Re-25 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in polycarbonate-dome tweeter. Power handling 150 W rms; FR 38-20,000 Hz ± 3 dB; sens 95 dB SPL/W/m; imp 6 ohms. Dimensions: 13 x 27¼ x 10¾ in\$310

Re-20 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in polycar-

bonate-dome tweeter. Power handling 100 W rms; sens 93 dB SPL/W/m. 11 x 20 x 10¾ in\$205

AT Series

Each of the following features self-resetting tweeter protection and is available with a black or woodgrain vinyl finish.

AT-15 3-Way Speaker

Bass-reflex design with one 15-in woofer, two 5-in cone midranges, and one 1-in polymer-dome tweeter. Features 12-dB/oct crossover slopes. Banana plugs. Midrange and tweeter level controls. Power handling 400 W; crossover points 400 and 3,000 Hz; FR 28-28,000 Hz ± 3 dB; sens 102 dB SPL/W/m; imp 4 ohms. 19 x 36½ x 18½ in; 85 lb\$540

AT-12. As above, 12-in woofer and one 5-in midrange. Power handling 200 W; sens 97 dB SPL/W/m; imp 6 ohms. 16 x 30 x 14 in; 55 lb\$345

AT-10. As AT-12, 10-in woofer. Push terminals. Power handling 150 W; FR 30-22,000 Hz ± 3 dB; sens 95 dB SPL/W/m. 14 x 28½ x 13½ in; 40 lb\$310

AT-8 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Push terminals. Power handling 100 W; crossover point 3,000 Hz; FR 38-22,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 6 ohms. 12 x 21 x 10 in; 26 lb\$205

VS Series

Each of the following features self-resetting tweeter protection, 12-dB/oct crossover slopes, 5-way binding posts, and a walnut vinyl finish.

VS-150 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in cone midrange, and 1-in soft-dome tweeter. Features fuse protection. Power handling 400 W cont avg; crossover points 300 and 5,000 Hz; FR 28-22,000 Hz ± 3 dB; sens 102 dB SPL/W/m; imp 4 ohms. 18 x 35½ x 18½ in; 90 lb\$540

VS-120 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 1-in dual-magnet balanced-drive dome tweeter. Features fuse protection. Power handling 200 W cont avg; crossover points 500 and 4,000 Hz; FR 28-22,000 Hz ± 3 dB; sens 97 dB SPL/W/m; imp 4 ohms. 16½ x 32 x 14¼ in; 57 lb\$345

VS-100 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in balanced-drive dome tweeter. Power handling 125 W cont avg; crossover points 600 and 5,000 Hz; FR 37-20,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 6 ohms. Dimensions: 13 x 27½ x 11½ in; 40 lb\$310

VS-80 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in balanced-drive dome tweeter. Power handling 100 W cont avg; crossover point 4,000 Hz; FR 38-20,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 6 ohms. 10 x 11 x 11¼ in; 26 lb\$205

L Series

L-9B 2-Way Speaker

10-in long-throw woofer, 1-in dome tweeter. Features foam woofer surround; self-resetting tweeter protection. Power handling 100 W rms; FR 40-20,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 8 ohms. Black woodgrain vinyl finish. 13 x 22 x 11½ in; 32 lb\$220

L-7B 2-Way Bookshelf Speaker

7-in paper woofer, 1-in polymer-dome tweeter. Features rubber woofer surround; self-resetting tweeter protection. Push terminals. Power handling 75 W rms; FR 40-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. Black woodgrain vinyl finish. 9 x 14 x 8¼ in; 14 lb\$170

CHAPMAN

T-8 4-Way Speaker

One 10-in woofer, one 7-in long-fiber midbass, one 2-

Most speakers that call themselves multi-media don't even deserve to be called speakers, while the hi-fi speakers worthy of their name won't function or even fit in most surround sound, home theater, computer, MIDI or mini system applications. Celestion solves this dilemma

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S P E A K E R S

in soft-dome midrange, one 1-in dual-magnet titanium-dome tweeter. Features woofer housed in compression-line enclosure; midbass housed in low-resonance chamber; oxygen-free cast-crystal wiring; oil-filled capacitors; 1% crossover components. Sens 89 dB SPL/W/m; imp 4 ohms. Dimensions: 13 x 46 x 10 1/4 in; 102 lb\$3,500/pr

T-7 3-Way Speaker

One 10-in poly laminate fiber woofer, one 7-in composite long-fiber midrange, one 1-in dual-magnet titanium-dome tweeter. Features all drivers horizontally and vertically time aligned and calibrated to ±1/2-dB tolerance; 6-dB/oct crossover at 125 Hz; 18-dB/oct crossover at 3,000 Hz; dual-port compression-line woofer enclosure; Kapton woofer voice coil; ducted-port midrange enclosure; cast-magnesium-alloy midrange frame; OFC wiring. OFC terminals for banana plugs, spade lugs, or bare wire. Power handling 250 W; sens 90 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Solid oak finish; other wood finishes optional. 13 x 44 x 10 in; 85 lb\$2,250/pr

CHASE TECHNOLOGIES

Trio Powered Subwoofer/Satellite System

subwoofer amp rated at 30 W x 1; satellite amp rated at 15 W x 2. 3 line-level inputs; speaker-level input. Magnetic satellite shielding; volume, bass, and treble controls. FR 30-20,000 Hz ±3 dB\$399

WS-5500 Wireless Speaker

Point-source vented design with 5-in full-range driver. Features 900-MHz transmission frequency; AC or battery power. FR 80-18,000 Hz ±3 dB\$299/pr

ELF-1 3-Way Outdoor Speaker

4-in woofer. Features polystyrene molded and sealed cabinet. FR 80-18,000 Hz ±3 dB; sens 85 dB. Includes mounting brackets. Black or white\$100/pr

Dialog Powered Center-Channel Speaker

Point-source design with 3-in full-range driver; integral amp rated at 5 W x 1 rms. Magnetic shielding; loudness contour. FR 80-18,000 Hz ±3 dB\$90

COUNTERPOINT

Clearfield Metropolitan 3-Way Speaker

Controlled-directivity transmission-line design with two 8-in polypropylene woofers, two 6-in Kevlar midranges, and 1-in aluminum tweeter. Features mono-coque construction; polypropylene capacitors; metal-film resistors; dual voice coils. Gold-plated bi-wire/biamp terminals. Adjustable woofer Q. Power handling 200 W max; sens 90 dB SPL/W/m; imp 4 ohms. Walnut, light-oak, black-oak, or cherry finish. 24 x 62 1/2 x 12 in\$5,995/pr

Clearfield Continental 2-Way Speaker

Controlled-directivity transmission-line design with two 6-in mineral-damped polypropylene woofers and aluminum tweeter. Features mono-coque construction; polypropylene capacitors; metal-film resistors; dual voice coils. Gold-plated bi-wire/biamp terminals. Adjustable woofer Q. Power handling 200 W max; FR 30-25,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Walnut, light-oak, black-oak, or cherry finish. 18 x 50 x 10 in\$3,495/pr

Clearfield Diplomat 2-Way Bookshelf Speaker

6 1/2-in glass-fiber cone woofer, 1-in Ferrofluid-damped metal-alloy tweeter. Features supronyl tweeter edge; neodymium tweeter magnet; cast-aluminum woofer frame; aluminum woofer voice coil. Power handling 200 W max; FR 60-22,000 Hz -1 dB; sens 87 dB SPL/W/m. 10 x 16 x 14 in\$1,195/pr

Orpheum 2-Way Bookshelf Speaker

Two 6 1/2-in glass-fiber woofers and one 1-in aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 14 x 10 in\$895/pr

Mystic 2-Way Bookshelf Speaker

Dipolar design with two 5 1/2-in woofers and one 1-in

aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 7 x 10 x 8 in\$795/pr

Embassy Subwoofer

8-in polypropylene driver. Doubles as a speaker stand. Features crossover. Power handling 200 W max; FR 30-60 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Piano black-lacquer finish. FR down to 30 Hz. 15 x 26 x 17 in\$795/pr

Bijou 2-Way Center-Channel Speaker

Two 5 1/2-in glass-fiber woofers and one 1-in aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 17 1/2 x 7 x 8 in\$495

CREATIVE ACOUSTICS

Deco 7 2-Way In-Ceiling Speaker

6 1/2-in coaxial with polypropylene woofer and 3/4-in polycarbonate tweeter. Power handling 35 W rms; FR 60-18,000 Hz; imp 5.5 ohms. Polished chrome with chrome trim, polished brass with brass trim, black with white trim and wallwasher or white with white trim and wallwasher. Mounting diameter 7 1/2 in. Mounting depth 6 1/2 in\$550/pr

Polished chrome or brass with white trim, black with polished chrome or brass trim, brushed-aluminum with polished-chrome trim, or brushed brass with brass trim\$495/pr

Black with white trim, white with white trim, brushed-aluminum with white trim, brushed-brass with white trim, or flush-perforated grille with white trim. \$450/pr

Deco 5. As Deco 7, 5 1/2-in coaxial. Power handling 30 W rms; FR 75-19,000 Hz; imp 8 ohms. Polished chrome with chrome trim, polished brass with brass trim, black with white trim and wallwasher or white with white trim and wallwasher. Mounting depth 5 1/2 in\$375/pr

Polished chrome or brass with white trim, black with polished chrome or brass trim, brushed-aluminum with polished-chrome trim, or brushed brass with brass trim\$335/pr

Black with white trim, white with white trim, brushed-aluminum with white trim, brushed-brass with white trim, or flush-perforated grille with white trim. \$290/pr

CROSBY AUDIO WORKS

CAW-II. Electrostatic speaker. 65 lb\$9,995/pr

CAW-I. Electrostatic speaker. 63 lb\$2,900/pr

CSI

SP-200 2-Way Bookshelf Speaker

Bass-reflex design with one 5 1/2-in polypropylene woofer, one 1-in Mylar tweeter. Magnetic shielding. Includes mounting bracket. Power handling 80 W max; sens 90 dB; imp 8 ohms. Black molded-composite housing. 6 1/2 x 10 x 5 1/2 in\$185/pr

SP-150T 2-Way Outdoor Speaker

One 5-in woofer, one 2-in tweeter. Weatherproofing. Includes mounting brackets. Power handling 80 W max; sens 90 dB; imp 8 ohms. Black die-cast aluminum. 6 1/2 x 9 x 6 1/2 in\$180

SP-150TW. As above, white\$180

SP-802A 2-Way In-Wall Speaker

One 8-in polypropylene woofer, one 1-in soft-dome tweeter. Features auto-reset overload protection. Weatherproofing; tweeter control. Paintable white plastic. Power handling 80 W max; sens 90 dB. 10 x 14 x 3 1/4 in\$158

SP-602A. As above, 6-in woofer. Power handling 50 W max; FR 40-20,000 Hz. 8 1/2 x 12 x 3 1/4 in\$135

SP-800SW In-Wall Subwoofer

One 8-in polypropylene driver. Features dual voice coils. Power handling 75 W max; sens 90 dB. Paintable white plastic. 10 x 14 x 3 1/4 in\$158

SW-850 Subwoofer

Twin-ported design with one 8-in driver. Features crossover for satellites. Power handling 100 W max;

sens 87 dB. Black wood cabinet. Dimensions: 12 1/4 x 5 x 20 in\$150

SP-100 2-Way Bookshelf Speaker

Bass-reflex design with one 3 1/2-in polypropylene woofer, one 1-in Mylar-dome tweeter. Magnetic shielding. Includes mounting brackets. Power handling 65 W max; sens 90 dB; imp 8 ohms. Black plastic enclosure. 4 1/2 x 7 1/4 x 3 1/4 in\$140/pr

SP-100W. As above, white\$140/pr

SP-50W 2-Way Outdoor Speaker

One 3 1/2-in polypropylene woofer, one 2-in soft-dome tweeter. Weatherproofing. Includes mounting brackets. White plastic. Power handling 65 W max; sens 90 dB. 4 1/2 x 7 1/4 x 3 1/4 in\$113/pr

CCS-100 2-Way Center-Channel Speaker

One 3 1/2-in midrange, one 1-in tweeter. Magnetic shielding. Power handling 50 W max; sens 90 dB. Black. 5 1/2 x 13 1/4 x 5 1/2 in\$105

SP-502A 2-Way In-Wall Speaker

One 5 1/2-in polypropylene woofer, one 1-in Mylar tweeter. Weatherproofing. Power handling 30 W max; sens 90 dB. Paintable white plastic. 7 1/2 x 11 x 2 1/4 in\$68

SP-402A. As above, 4-in woofer. Power handling 25 W max; FR 50-20,000 Hz. 5 1/2 x 8 1/2 x 2 1/2 in\$40

CUSTOM DESIGNED SPEAKERS

Call the manufacturer for information on customized products.

WP1 3-Way Speaker

Ducted-port design with 15-in woofer, 8-in midrange, and computer-designed horn tweeter. Features all Mylar capacitors; 17-gauge air-core inductors; 12-dB/oct slopes for phase-aligned filters; joints braced with 1 1/2 x 1 1/2-in stock. Power handling 300 W cont; crossover points 400 and 4,000 Hz; FR 28-21,500 Hz; imp 8 ohms. Oiled white-oak cabinet; dowled solid-hardwood top and bottom; veneer plywood for 2 sides and baffle. 22 x 32 x 22; 100 lb\$2,850/pr

DAHLQUIST

CA3/W2. W2 subwoofer combined with CA3 2-way speaker. 9 1/2 x 48 x 14 in; 87 lb\$2,400/pr

CA2/W2. W2 subwoofer combined with CA2 2-way speaker. 9 1/2 x 48 x 14 in; 85 lb\$2,100/pr

CA3/W1. W1 subwoofer combined with CA3 2-way speaker. 9 1/2 x 44 x 14 in; 79 lb\$2,000/pr

CA1/W2. W2 subwoofer combined with CA1 2-way speaker. 9 1/2 x 42 x 14 in; 75 lb\$1,850/pr

CA2/W1. W1 subwoofer combined with CA2 2-way speaker. 9 1/2 x 44 x 14 in; 77 lb\$1,750/pr

CA1/W1. W1 subwoofer combined with CA1 2-way speaker. 9 1/2 x 38 x 14 in; 67 lb\$1,450/pr

CA3 2-Way Speaker

Bipolar design with 6-in front- and rear-firing poly woofers, and 1-in front- and rear-firing Ferrofluid-cooled linen-dome tweeters. Features sand-shot-fillable cabinet; proprietary Phased Array Technology for phase and time driver alignment; separate enclosures for drivers; butyl-rubber woofer surrounds. Gold-plated bi-wire/biamp 5-way binding posts. Crossover point 2,500 Hz; FR 40-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 9 1/2 x 18 1/2 x 14 in; 38 lb\$1,200/pr

W1 Subwoofer

8-in poly driver. Features butyl-rubber driver surround. Gold-plated 5-way binding posts. Internal amplifier chamber for addition of optional A100 100-W amplifier. Crossover point 160 Hz; FR 30-160 Hz ±3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 9 1/2 x 25 x 14 in; 41 lb\$800/pr

W2. As above, two 8-in poly drivers. 9 1/2 x 30 x 14 in; 49 lb\$1,200/pr

CA1 2-Way Bookshelf Speaker

6-in poly woofer, 1-in Ferrofluid-cooled linen-dome tweeter. Features sand-shot-fillable cabinet; propri-

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etary Phased Array Technology for phase and time driver alignment; separate enclosures for drivers; butyl-rubber woofer surround. Gold-plated biwire/bi-amp 5-way binding posts. Crossover point 2,700 Hz; FR 50-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 9 1/2 x 11 1/2 x 14 in; 26 lb \$650/pr
CA2. As above, two 6-in poly woofers. Features vertical point-source driver alignment. Crossover point 2,500 Hz; FR 40-20,000 Hz ± 3 dB. 9 1/2 x 18 1/2 x 14 in; 36 lb \$900/pr

C1 3-Way Center-Channel Speaker

Two 6-in poly woofers, one 1-in Ferrofluid-cooled linen-dome tweeter. Features proprietary Phased Array Technology for phase and time driver alignment; separate driver enclosures. Gold-plated biwire/bi-amp 5-way binding posts. Magnetic shielding. Crossover points 160 and 2,700 Hz; FR 40-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 9 1/2 x 18 1/2 x 14 in; 36 lb \$500

FX1 2-Way Surround Speaker

5-in poly woofer, 1-in Ferrofluid-cooled dome tweeter. Features butyl surround. Wall/ceiling mountable. FR 60-20,000 Hz ± 3 dB \$400/pr

DAVID LUCAS

Ballistic Bass Electrostatic Subwoofer

Hybrid design with eight 10-in cone drivers and two 26 x 40-in electrostatic panels. Includes crossover and stand. Aluminum finish. FR 15-125 Hz ± 3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Dimensions: 26 x 80 x 18 in \$5,350/pr

Double Audiocell-P Electrostatic Speaker

Includes stand. FR 30-35,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Aluminum finish. 26 x 80 x 2 in \$4,385/pr

Double Audiocell-A. Above with active line-level controller \$5,180/pr

AE-1 2-Way Speaker

Dipole design with four 12-in woofers and one 1-in dome tweeter. Tweeter-level control. Crossover point 4,000 Hz; FR 26-40,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Oak finish. 15 x 60 x 4 in; 70 lb \$1,995

Audiocell-P Electrostatic Speaker

Single element. Features polyester diaphragm; dipole design; polyethylene damping; polypropylene capacitors; metal-film resistors. Operates on 2 D batteries. FR 30-35,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Aluminum finish. Dimensions: 26 x 40 x 2 in \$1,995/pr

Audiocell-A. As above, with active line-level controller \$2,790/pr

DCM

TimeWindow 7 3-Way Speaker

Rear-ported hybrid chambered transmission-line design with two 9-in polymer-impregnated woofers, two 6 1/2-in polypropylene-cone midranges, two 3/4-in coaxially mounted hard-dome tweeters, and one 3/4-in rear-firing hard-dome tweeter. Spectral balance controls. High-gloss black. Power handling 700 W; FR 26-25,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. 18 1/2 x 48 x 14 in; 70 lb \$1,500

CineMagic Six Home Theater System

6 pieces. Powered subwoofer with two 6 1/2-in polypropylene drivers; satellites; center-channel speaker. Power handling 80 W; frequency response 32-20,000 Hz; sensitivity 89 dB SPL/W/m; impedance 8 ohms. 54 lb \$799

TimeWindow 3 3-Way Speaker

Folded transmission-line design with 8-in woofer, 6 1/2-in polypropylene-cone midrange, and two 3/4-in coaxially mounted soft-dome tweeters. Features front ports. Dispersion controls. Power handling 400 W; FR 24-20,000 Hz; sens 89 dB SPL/W/m; 8 ohms. Black or walnut finish. Dimensions: 16 1/2 x 39 1/4 x 12 1/4 in; 45 lb \$750

Sub-712 Powered Subwoofer

Reflex design with 8-in driver and 12-in passive radiator; 80-W amp. Line- and speaker-level inputs and outputs. Magnetic shielding; adjustable sens. FR 28-80 Hz. Black woodgrain finish. 14 1/2 x 16 x 15 1/2 in; 28 lb \$699

Power Trio Subwoofer/Satellite System

Powered subwoofer with two 6 1/2-in polypropylene drivers; 2 satellites, each with 4-in woofer and 3/4-in soft-dome tweeter. Power handling 80 W; FR 32-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black. 39 lb \$499

TimeWindow 1A 2-Way Speaker

Hybrid transmission-line design with two 6 1/2-in woofers and two 3/4-in soft-dome tweeters. Features front port. Power handling 200 W; FR 30-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or walnut finish. 15 x 36 x 11 1/4 in; 30 lb \$475

Sub-710 Powered Subwoofer

Hybrid transmission-line design with two 6 1/2-in polypropylene drivers; 50-W amp. Line- and speaker-level inputs and outputs. Magnetic shielding; adjustable sens. FR 32-90 Hz. Black woodgrain finish. 9 x 14 x 19 in; 25 lb \$399

TimeFrame TF600 3-Way Speaker

Hybrid staggered transmission-line design with 6 1/2-in woofer, 6 1/2-in cone midrange, two 3/4-in rear-firing soft-dome tweeters, and one 3/4-in coaxially mounted soft-dome tweeter. Features rear port; electronic protection circuitry. Magnetic shielding. Power handling 250 W; FR 30-20,000 Hz; sens 92 dB SPL/W/m; imp 6 ohms. Black or walnut finish. Dimensions: 17 x 41 x 8 in; 44 lb \$375

TimeFrame TF400 Series II 3-Way Speaker

6 1/2-in polypropylene woofer, 6 1/2-in polypropylene-cone midrange, 3/4-in rear-firing soft-dome tweeter, and 3/4-in coaxially mounted soft-dome tweeter. Hybrid staggered transmission-line design. Features rear port; electronic protection circuitry. Magnetic shielding. Power handling 150 W; FR 40-20,000 Hz; sens 92 dB SPL/W/m; imp 6 ohms. Black or walnut finish. 14 1/4 x 38 x 7 1/4 in; 38 lb \$299

Monitor CX-27 Series II 3-Way Speaker

Hybrid transmission-line design with 6 1/2-in polypropylene woofer, 6 1/2-in polypropylene midrange, and 3/4-in coaxially mounted soft-dome tweeter. Features dual rear ports. Magnetic shielding. Power handling 150 W; FR 35-20,000 Hz; sens 93 dB SPL/W/m; imp 6 ohms. Dimensions: 10 x 27 x 11 in; 28 lb \$260

Monitor CX-17 2-Way Bookshelf Speaker

Hybrid transmission-line design with 6 1/2-in polypropylene woofer and 3/4-in coaxially mounted soft-dome tweeter. Features rear port. Magnetic shielding. Power handling 100 W; FR 45-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Chatsworth-oak or black-woodgrain finish. 9 x 17 x 10 in; 15 lb \$185

Monitor CX-07 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/2-in polypropylene woofer and 3/4-in soft-dome tweeter. Magnetic shielding. Power handling 80 W; FR 50-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain finish. 8 x 15 x 8 1/4 in; 11 lb \$130

Monitor CX-007. As above, 4-in woofer. FR 90-20,000 Hz; sens 88 dB SPL/W/m. 5 1/2 x 8 x 5 in; 3 lb \$70

CX 2-Way Center-Channel Speaker

Acoustic-suspension design with two 4-in woofers and one 3/4-in soft-dome tweeter. Magnetic shielding. Power handling 75 W; FR 90-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black woodgrain finish. 17 x 4 1/2 x 10 in; 9 lb \$125

DEFINITIVE TECHNOLOGY

PowerField 1800 Powered Subwoofer

18-in polymer-laminate driver; amp rated at 500 W

rms. Features integral active crossover; 36-dB/oct low-pass filter variable from 40-100 Hz; 12-dB/oct high-pass filter variable from 50-100 Hz; braced monocoque cabinet. Line- and speaker-level inputs and outputs; gold-plated 5-way binding posts. Variable phase control; volume control. FR 13-125 Hz. Piano-black-lacquer or natural-golden-oak end caps. 20 x 20 x 22 in \$1,599

PowerField 15. As above, 15-in driver, amp rated at 185 W rms. 24-dB/oct low-pass filter. No phase control. FR 18-125 Hz. Black-ash finish. Dimensions: 17 x 17 x 17 1/2 in \$699

BP6001 Home Theater System. System comprising

PowerField 15 subwoofer, four BP1 surround speakers, one C1 jr. center-channel speaker \$1,598

BP2001. PowerField 15 subwoofer, two BP1 surround speakers \$1,049

Powerfield 1500 Powered Subwoofer

15-in cast-basket polymer-laminate cone driver; amp rated at 250 W rms. Features butyl-rubber driver surround; active crossover with independent 36-dB/oct low-pass and 12-dB/oct high-pass filters, each variable from 50-100 Hz. Line- and speaker-level inputs and outputs; gold-plated 5-way binding posts. Variable phase control; level control. FR 15-125 Hz. Piano-black lacquer or natural golden-oak finish. 18 x 20 x 18 in \$995

BP20 2-Way Speaker

Bipolar design with four 6 1/2-in mineral-filled-polymer woofers and two 1-in aperiodic-dome tweeters. Features phase-coherent Linkwitz-Riley crossover; symmetrically concentric driver arrays on front and rear baffles; computer-synthesized transmission-line tuning. Biwire/biamp terminals. Power handling 500 W; FR 18-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-lacquer or oak end caps. 9 x 46 x 15 in \$799

BP10 2-Way Speaker

Bipolar design with two 6 1/2-in mineral-filled woofers and two 1-in Ferrofluid-cooled dome tweeters. Features Linkwitz-Riley crossover; aluminum voice coil. FR 20-28,000 Hz; imp 8 ohms. 5-yr warranty. Wood or black-lacquer finish. 9 x 42 x 11 1/2 in \$549

C/L/R 1000 2-Way Center-Channel Speaker

Two 6 1/2-in polypropylene woofers, one 1-in fluid-cooled soft-dome tweeter. Features rubber woofer surrounds; cast-magnesium woofer baskets; Linkwitz-Riley crossover. Magnetic shielding. Power handling 300 W max; FR 25-28,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. Dimensions: 21 1/2 x 8 x 12 in \$450

BP8 2-Way Speaker

Two 5 1/2-in cast-basket polypropylene woofers, two 3/4-in soft-dome tweeters. Features rubber woofer surrounds; proprietary computer-synthesized transmission-line tuning. Power handling 200 W max; FR 22-28,000 Hz. 7 x 38 x 11 in \$399

DR7 Studio Tower 2-Way Speaker

6 1/2-in mineral-filled polymer woofer, 1-in Ferrofluid-cooled dome tweeter. Features phase-coherent Linkwitz-Riley crossover; narrow-profile minimum-diffraction cabinet; computer-synthesized transmission-line tuning. Power handling 200 W; FR 22-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 8 1/2 x 35 x 11 1/2 in \$299

DR7. Bookshelf version of above. FR 26-28,000 Hz. 8 1/2 x 22 x 11 1/2 in \$249

C1 2-Way Center-Channel Speaker

Two 5 1/2-in cast-basket woofers, 1-in soft-dome tweeter. Features Linkwitz-Riley crossover. Power handling 200 W; FR 25-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 6 1/2 x 19 x 8 1/2 in \$299

BP2 2-Way Surround Speaker

Bipolar design with two 5 1/2-in cast-basket polypropylene-cone woofers and two 3/4-in soft-dome tweeters. Designed for home theater or satellite systems. Features Linkwitz-Riley crossover; low-diffraction grille/baffle interface. Includes wall mounting plate.

S P E A K E R S

Power handling 200 W; FR 50-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Dimensions: 7 x 11 x 7 in. \$250

C1 jr. 2-Way Center-Channel Speaker

5½-in polypropylene woofer, ¾-in soft-dome tweeter. Features Linkwitz-Riley crossover; cast woofer basket; 1-in-thick Medite baffle. Horizontal/vertical placement. Power handling 125 W; FR 55-28,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. 17 x 6¾ x 8½ in. \$199

Celsius DR 2-Way Bookshelf Speaker

5¼-in mineral-filled polypropylene-cone woofer, 1-in aluminum-dome tweeter. Features self-damping silk tweeter surround; phase-coherent Linkwitz-Riley crossover. Power handling 125 W rms; FR 45-28,000 Hz. Black-ash polymer-laminate finish. Dimensions: 7 x 12 x 11 in. \$185

Celsius Sub/Sat System. Two Celsius DRs, one PowerField 15 subwoofer. \$1,069

Celsius Home Theater System. Celsius Sub/Sat System, one C1 jr. center-channel speaker, two BP1 surround speakers. \$1,618

BP1 2-Way Surround Speaker

Bipolar design with two 4½-in polymer woofers and two ¾-in dome tweeters. Features Linkwitz-Riley crossover. Power handling 125 W; FR 60-25,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. Black or white. 6 x 10 x 6 in. \$175

DENNESEN

ESL X 2-Way Electrostatic Speaker

6½-in woofer, 4 electrostatic elements. Features phase alignment; design for minimal edge refractions and reflections. FR 60-35,000 Hz. Dimensions: 9 x 26 x 13 in. \$1,850/pr

ESL Mini. As above, 5-in woofer. FR 70-35,000 Hz. 7 x 22 x 10 in. \$1,250/pr

DESIGN ACOUSTICS

PS-10A 3-Way Bookshelf Speaker

Acoustic-suspension design with 10-in down-firing woofer, 5¼-in midrange, and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 300 W; crossover points 200 and 2,800 Hz; FR 45-22,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Oak or black-ash vinyl finish. 11 x 16¾ x 13 in. \$600/pr

PS-9 3-Way Bookshelf Speaker

Acoustic-suspension design with 8-in down-firing woofer, 5¼-in midrange, and ¾-in Ferrofluid-cooled soft-dome tweeter. Power handling 250 W; crossover points 200 and 3,000 Hz; FR 47-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Oak or black-ash vinyl finish. 9¾ x 15½ x 12½ in. \$500/pr

PS-88 2-Way Bookshelf Speaker

Vented design with 8-in long-throw woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 200 W; crossover point 2,800 Hz; FR 50-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Oak or black-ash vinyl finish. 9¾ x 13¼ x 11¾ in. \$400/pr

PS-SW Subwoofer

Vented design with 10-in dual-voice-coil carbon-fiber driver. Features high-pass filter. Magnetic shielding. Power handling 200 W; FR 30-130 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 16½ x 22 x 11 in. \$340

PS-66 2-Way Bookshelf Speaker

Vented design with 6-in long-throw woofer and ¾-in Ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 100 W; crossover point 3,000 Hz; FR 55-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak or black-ash vinyl finish. 8½ x 12 x 11½ in. \$300/pr

CLW Subwoofer

Acoustic-suspension design with 10-in dual-voice-coil down-firing driver. Features high-pass filter. Mag-

netic shielding. Power handling 150 W; FR 40-150 Hz; sens 88 cB; imp 8 ohms. Black vinyl finish. 12½ x 14½ x 12½ in. \$250

PS-55 2-Way Bookshelf Speaker

Vented design with 5¼-in long-throw woofer and ¾-in Ferrofluid-cooled soft-dome tweeter. Power handling 75 W; crossover point 4,000 Hz; FR 65-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 7 x 10¾ x 6 in. \$220/pr

CS-2 2-Way Bookshelf Speaker

Vented design with 4-in woofer and ¾-in Ferrofluid-cooled polycarbonate-dome tweeter. Features weather-resistant ABS enclosure. Magnetic shielding. Includes mounting bracket. Power handling 75 W; FR 70-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 5½ x 8½ x 4½ in; 3 lb. \$135/pr

CS-3. Three of the above. \$200

CLW-CS. As above, packaged with CLW subwoofer. \$360

PS-24 2-Way Center-Channel Speaker

Vented design with two 4-in woofers and one ¾-in Ferrofluid-cooled metallized-polycarbonate tweeter. Magnetic shielding. Power handling 75 W; FR 50-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Textured black-vinyl finish. \$190

DA360A Outdoor Speaker

6-in driver. Features ABS enclosure. Includes mounting bracket. Power handling 30 W; FR 90-18,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 7½-in diameter; 5 lb. \$70

DGY

DDL-1 3-Way Speaker

Bass-reflex design. Designed for use with DDA-1 integrated amplifier. Power handling 150 W; imp 6 ohms. 15½ x 39½ x 11 in; 68 lb. \$1,500/pr

With DDA-1 integrated amplifier. \$2,995

DIGITAL PHASE

AP-4 2-Way Speaker

Four 6½-in graphite-impregnated polypropylene woofers, one 1-in titanium-dome tweeter. Features patented Acousta-Reed bass enclosure; butyl-rubber surrounds; neodymium tweeter magnet; 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Power handling 250 W; FR 30-25,000 Hz ±3 dB; sens 91 dB; imp 8 ohms. Honey-oak or black-lacquer finish. 16 x 50 x 17¼ in; 120 lb. \$3,200/pr

AP-2. As above, two woofers. Power handling 150 W; imp 4 ohms. 12 x 42 x 14¼ in; 79 lb. \$1,700/pr

AP-1. As AP-4, one woofer. Power handling 100 W; sens 86 dB. 10½ x 38 x 11¼ in; 50 lb. \$1,250/pr

SM-1 2-Way Bookshelf Speaker

One graphite-impregnated polypropylene woofer, one 1-in titanium-dome tweeter. Features patented Acousta-Reed bass enclosure; butyl-rubber surrounds; neodymium tweeter magnet; 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and Mylar capacitors. Power handling 100 W; FR 30-25,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. Black-laminate finish. Dimensions: 13¼ x 24 x 12¼ in; 37 lb. \$950/pr

AP-5 2-Way Bookshelf Speaker

One 3-in graphite-impregnated polypropylene woofer, one 1-in titanium-dome tweeter. Features patented Acousta-Reed bass enclosure; butyl-rubber surrounds; neodymium tweeter magnet; 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Power handling 60 W; FR 30-25,000 Hz ±3 dB; sens 81 dB; imp 8 ohms. Honey-oak or black-lacquer finish. 8½ x 13 x 9 in; 17 lb. \$650/pr

AP-7 2-Way Center-Channel Speaker

Two 3-in graphite-impregnated polypropylene woofers, one 1-in titanium-dome tweeter. Features

patented Acousta-Reed bass enclosure; butyl-rubber surrounds; neodymium tweeter magnet; 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Magnetic shielding. Power handling 100 W; FR 30-25,000 Hz ±3 dB; sens 86 dB. Honey-oak or black-laminated finish. 21 x 7 x 13½ in; 25 lb. \$600

DISCWASHER

SM 400 Powered Mini Speaker

Features dual amplifiers; 3-band EQ; volume control; auto on/off. \$46/pr

SM 300. As above, without EQ or auto on/off. \$30/pr

SM 250. As above, single amp. \$26/pr

SM 200. As above, without volume control or on/off switch. \$20/pr

DUNTECH

Sovereign C7000 4-Way Speaker

Pulse-coherent design with two 12-in woofers, two 7-in midranges, two 2-in midranges, and one ¾-in tweeter symmetrically arranged and time aligned on vertical axis. Features patented acoustic damping; 6-dB/oct crossover with polypropylene capacitors and air-core inductors. Includes Krell KBX active crossover. Power handling 1,000 W; FR 27-20,000 Hz ±2 dB; sens 90 dB; imp 4 ohms. Brazilian rosewood finish. 14 x 74 x 35 in; 275 lb. \$30,000/pr

Sovereign C6000. As above, without active crossover. Biwire/biamp terminals. Crossover points 400, 2,000, and 5,000 Hz. Honey oak; custom finish available. \$21,000/pr

Princess C5000 3-Way Speaker

Pulse-coherent design with two 5-in woofers, two 5-in midranges, and one 1-in tweeter symmetrically arranged and time aligned on vertical axis. Features patented acoustic damping; 6-dB/oct crossover with polypropylene capacitors and air-core inductors. Biwire/biamp terminals. Power handling 1,000 W; FR 38-20,000 Hz ±2 dB; sens 90 dB; imp 4 ohms. Honey oak; other finishes available. Dimensions: 12 x 73 x 19 in; 146 lb. \$10,995/pr

Marquis C4000. As above, 8-in woofers, 4-in midranges. Power handling 500 W; FR 45-20,000 Hz ±2 dB; sens 92 dB; imp 4 ohms. 11 x 59 x 18 in; 117 lb. \$7,995/pr

Regent D400SBL 3-Way Speaker

Pulse-coherent design with two 12-in woofers, two 7-in midranges, and one 1-in tweeter symmetrically arranged and time aligned on vertical axis. Features patented acoustic damping; 6-dB/oct crossover with polypropylene capacitors and air-core inductors. Biwire/biamp terminals. Power handling 1,000 W; FR 30-20,000 Hz ±3 dB; sens 90 dB; imp 4 ohms. 14 x 74 x 23 in; 161 lb. \$7,495/pr

Baron D300SBL. As above, 8-in woofers and 4-in midranges. Power handling 500 W; FR 45-20,000 Hz ±3 dB; sens 92 dB; imp 4 ohms. Dimensions: 11 x 57 x 14 in; 99 lb. \$4,495/pr

Viscount D200SBL 2-Way Speaker

Pulse-coherent design with two 6½-in woofers and one 1-in tweeter. Biwire/biamp terminals. Stand optional. Power handling 500 W; FR 50-20,000 Hz ±3 dB; sens 91 dB; imp 4 ohms. Dimensions: 11 x 34 x 14 in; 53 lb. \$2,495/pr

Esquire D100SBL. As above, FR 55-20,000 Hz ±3 dB. 11 x 26 x 14 in; 40 lb. \$2,195/pr

PLC25. As Esquire, sens 89 dB SPL/W/m. Rosewood finish. 11 x 24 x 14 in; 40 lb. \$1,995/pr

DYNACO

A-25 2-Way Speaker

10-in woofer, 1-in Ferrofluid-cooled aluminum-dome tweeter. Features 6-dB/oct crossover. Power handling 125 W; crossover point 2,500 Hz; FR 45-21,000 Hz; sens 89 dB; imp 8 ohms. 5-yr warranty. Oak-veneer finish. 11½ x 20¾ x 9¾ in; 23 lb. \$758/pr

FL-650 2-Way In-Wall Speaker

6½-in polypropylene woofer, 1-in soft-dome tweeter.

Features waterproof diaphragms; foam-edge surround. Power handling 100 W; crossover point 2,500 Hz; FR 58-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Includes mounting hardware. New-construction bracket optional\$300/pr

HLX-18 2-Way Bookshelf Speaker

4-in fiber woofer, ¾-in gold-tipped Mylar-dome tweeter. Features 6-dB/oct crossover. Power handling 100 W; crossover point 3,000 Hz; FR 50-21,000 Hz; sens 90 dB; imp 4 ohms. 1-yr warranty. Black-lacquer finish\$260/pr
HLX-18V. Above with magnetic shielding\$140

HLX-9 Subwoofer

8-in dual-voice-coil polypropylene driver. Features 12-dB/oct crossover. Gold banana plugs. Power handling 100 W; crossover point 200 Hz; FR 42-200 Hz; imp 4 ohms. 1-yr warranty. Black-lacquer\$180

Amazing Bass Subwoofer

Bass-reflex design with 8-in driver. Features dual voice coils. Power handling 100 W; crossover point 100 Hz; FR 30-120 Hz ±3 dB\$120

A-10 Type II 2-Way Speaker

4-in polypropylene woofer, ¾-in Ferrofluid-cooled titanium-dome tweeter. Power handling 75 W; FR 100-18,000 Hz ±3 dB\$120/pr

AW-1 Indoor/Outdoor 2-Way Speaker

Waterproof polypropylene woofer, hard-dome tweeter. Features sealed aluminum enclosure; anodized weather-painted grille. Black or white\$100/pr

DZURKO ACOUSTICS

Shadow 3-Way Speaker

Features 3 decoupled chambers; hand crafting. Cherry, Zepell, or other wood finish. FR 40-20,000 Hz ±3 dB; sens 91.5 dB SPL/W/m; imp 4 ohms. 10 x 49 x 17 in; 180 lb\$9,250/pr

Jaguar 2-Way Bookshelf Speaker

Features hand crafting; layered braced construction; Solid Emerald or Gray Fountainhead front panels bonded to internal layers. Cherry or other wood finish. FR 48-20,000 Hz ±3 dB; sens 84.5 dB SPL/W/m; imp 8 ohms. 10 x 16 x 18 in; 65 lb\$4,500/pr

Phantom 2-Way Speaker

8-in woofer, 1-in cloth-dome tweeter. Black-lacquer oak finish. FR 48-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 10 x 33 x 12 in; 50 lb\$899/pr

EMINENT TECHNOLOGY

LFT-VI Planar Speaker

Single-diaphragm Linear Field Transducer; 410-in-square diaphragm remains within constant magnetic-flux field over entire displacement range. Push-pull operation; soft-foli/Mylar diaphragm with thin traces and narrow gaps. Biwire/biamp terminals. Power handling 250 W max; FR 38-20,000 Hz ±4 dB; sens 83 dB SPL/W/m. 18 x 78 x 2 in; 75 lb\$3,250/pr

LFT-VIII 3-Way Planar Speaker

Hybrid design with 8-in woofer, 164-sq-in foil/Mylar midrange diaphragm, and tweeter diaphragm. Features constant magnetic field as diaphragm moves between magnets; steel frame. Biwire/biamp terminals. Power handling 200 W max; crossover points 180 and 10,000 Hz; FR 180-10,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. Oak finish\$1,500/pr

ENERGY

SAS-400 Powered Subwoofer

Three 10-in drivers; 400-W amp. Features servo driver control; protection circuitry; adjustable high- and low-pass filters. Level control. Gloss charcoal finish. 18 x 17 x 24\$1,400
 Above with 3-channel active crossover\$2,000

AS-180 Powered Subwoofer

12-in driver; Class A/B 180-W amp. Features protec-

tion circuitry; adjustable low-pass filter; level control. A/V EO switch; dual ports. Black-ash finish. 17 x 18 x 17 in\$750
AS-90. As above, 90-W amp. 17 x 16 x 17 in\$550

RVSS 2-Way Surround Speaker

Dual-vent design with two 5¼-in molded-polypropylene woofers and two ¾-in Ferrofluid-cooled soft-dome tweeters. Features bipolar radiation pattern from 60-400 Hz; dipolar radiation pattern from 400-20,000 Hz. Power handling 125 W; FR 65-18,000 Hz ±3 dB. Black or white. Dimensions: 10¼ x 10 x 8¼ in; 30 lb\$550/pr

RVS-1 & 2 2-Way Center-Channel Speaker

Dual-vent QB3 design with two 5¼-in injection-molded polypropylene woofers and one 1-in Ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 175 W; FR 47-22,000 Hz ±3 dB. Black high-gloss finish. 8¼ x 19 x 11¼ in; 23 lb\$450

RVS-1/RVS-2 Energy Reference 2-Way Speaker

Dual-vent design with two 5¼-in injection-molded woofers and one 1-in aluminum cloth-dome tweeter. Features rubber woofer surrounds. Magnetic shielding. Power handling 150 W max; crossover point 2,000 Hz; FR 45-23,000 Hz; sens 86 dB SPL/W/m; imp 4 ohms. Gloss black finish. 9 x 19 x 12 in\$350

ESAT-2 2-Way Satellite Speaker

Acoustic-suspension design with 4½-in woofer and ¾-in cloth-dome tweeter. Designed for home theater systems. Features sculpted Spherex baffle. Magnetic shielding. Power handling 125 W rms; crossover point 2,500 Hz; FR 140-22,000 Hz ±3 dB; sens 84 dB SPL/W/m; imp 6 ohms. 5 x 8 x 5 in\$349/pr

ECC-1 Energy Center-Channel Speaker

Dual-vented design with two 4½-in woofers and ½-in polycarbonate-dome tweeter. Designed for home theater systems. Sloped baffle. Magnetic shielding. Power handling 100 W rms; crossover point 2,500 Hz; FR 60-22,000 Hz ±3 dB; sens 86 dB SPL/W/m. Black-ash vinyl finish. 6 x 20 x 8 in\$169

22 Series

Veritas v2.8 3-Way Speaker

Vented design with two 8-in woofers, one 3-in metal-dome midrange, and one 1-in metal-dome tweeter. Crossover points 400 Hz and 2,500 Hz; FR 28-30,000 Hz; sens 85 dB SPL/W/m; imp 6 ohms. Gray. 12 x 50 x 18 in; 140 lb\$5,000/pr

Veritas v1.8 3-Way Speaker

Vented design with two 6½-in woofers, 3-in metal-dome midrange, and 1-in metal-dome tweeter. Crossover points 400 Hz and 2,500 Hz; FR 31-25,000 Hz; sens 86.5 dB SPL/W/m; imp 6 ohms. Gray. 12 x 45 x 18 in; 115 lb\$3,000/pr

Model 22.3 2-Way Speaker

Front-vented design with two 6½-in woofers and ¾-in dual-hyperdome tweeter on Spherex baffle. Biwire/biamp terminals. Adjustable spiked feet. Power handling 150 W cont avg; FR 30-23,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. Walnut or high gloss finish. 10 x 40 x 16 in; 67 lb\$2,000/pr

Model 22.2 2-Way Speaker

Bass-reflex design with 7-in quadcentric woofer and ¾-in dual-hyperdome tweeter on Spherex baffle. Biwire/biamp terminals. Includes spiked metal stand. Power handling 125 W cont avg; FR 32-23,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Walnut or high gloss finish. 10 x 27 x 12 in; 45 lb\$1,400/pr

E-Series

Model 5.1e 2-Way Speaker

Front-vented design with two 7-in quadcentric woofers and one 1-in tweeter. Includes adjustable spiked feet. Power handling 150 W cont avg; FR 35-20,000 Hz ±3 dB; sens 89 dB; imp 6 ohms. Walnut or black-ash finish. 10 x 33 x 16 in\$1,000/pr

Model 4.1e 2-Way Speaker

Front-vented design with 7-in quadcentric woofer

and 1-in tweeter. Power handling 100 W cont avg; FR 35-20,000 ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Walnut or black-ash finish. 10 x 24 x 12 in\$850/pr

Model 3.1e 2-Way Bookshelf Speaker

Front-vented design featuring 8-in quadcentric woofer and ¾-in tweeter. Power handling 100 W cont avg; FR 40-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Walnut or black-ash finish. 10 x 19 x 10 in\$450/pr

Model 2.1e. As above, 6½-in quadcentric woofer. Power handling 80 W cont avg; FR 45-20,000 Hz ±3 dB; sens 86 dB SPL/W/m. 10 x 16 x 10 in\$300/pr

Model .1e 2-Way Bookshelf Speaker

5¼-in woofer, ¾-in tweeter. Power handling 75 W cont avg; FR 55-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Walnut or black finish. 8 x 13 x 8 in\$200/pr

Encore 2-Way Bookshelf Speaker

Vented nondiffracting design with 6½-in injection-molded woofer and 1-in titanium-dome tweeter. Features foam woofer surround. Power handling 125 W cont avg; FR 48-20,000 Hz ±3 dB; sens 87.5 dB SPL/W/m; imp 6 ohms. Black ash, white, or rosewood finish. 13 x 8 x 10 in\$200/pr

Excel. As above, power handling 75 W cont avg, FR 60-20,000 Hz ±3 dB, sens 86 dB SPL/W/m. 11 x 8 x 10 in\$150/pr

ENSEMBLE

Primadonna Speaker

Power handling 100 W max; FR 40-20,000 Hz ±2 dB; sens 92 dB SPL/W/m; imp 4 ohms. Satin black lacquer finish. 13¼ x 18¼ x 45 in; 38.5 lb\$11,900/pr

Reference Gold Bookshelf Speaker

5½-in bass-midrange cone woofer and ¾-in gold-coated dome tweeter. Power handling 100 W max; FR 60-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Available in a variety of finishes. 9 x 8¼ x 13¼ in; 18.7 lb\$6,980/pr

Reference Speaker

5½-in bass-midrange cone woofer and ¾-in dome tweeter. Power handling 100 W max; FR 60-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 4 ohms. Available in a variety of finishes. Dimensions: 23 x 21 x 35 in; 16.5 lb\$4,980/pr

PA-1 Speaker

5¼-in bass-midrange driver and ¾-in dome tweeter. Power handling 100 W max. FR 60-20,000 Hz ±2.5 dB; sens 89 dB SPL/W/m; imp 6 ohms. Available in a variety of finishes. 23 x 21 x 35 in; 14.7 lb\$3,180/pr

Tango Bookshelf Speaker

5¼-in woofer and ¾-in soft dome tweeter. Power handling 120 W max. FR 80-20,000 Hz ±3 dB; sens SPL/W/m; imp 4 ohms. Dimensions: 8¼ x 4¼ x 14 in; 14.3 lb\$2,580/pr

ENTEC

Entec 100K Powered Ribbon Speaker

Powered woofer column; full-range ribbon driver. FR 18-20,000 Hz\$100,000/pr

Entec LF-20 Powered Subwoofer

Two 10-in drivers. Features external crossover selectable at 60, 100, or 180 Hz. Frequency response 18-180 Hz. 125 lb\$4,195/pr
LF-20T. As above, magnetically shielded. Weight: 65 lb\$2,295

Entec 1002 Powered Subwoofer

Two 10-in drivers; 100-W driver amp. Crossover point 60, 100, or 180 Hz; FR 18-180 Hz. High-gloss black finish. 60 lb\$1,895

Entec 1001 Powered Subwoofer

10-in driver; 100-W amp. Crossover point 60, 100, or 180 Hz; FR 20-180 Hz. High-gloss black finish. Weight: 50 lb\$1,495

EPIK MONITOR SYSTEMS

Ultima Y 3-Way Speaker

Transmission-line design with Kevlar woofers. Features cast woofer frame. Power handling 200 W; FR 28-27,000 Hz ± 1.5 , -3 dB; sens 86 dB SPL/W/m. 16 x 52 x 18 in.\$8,800/pr

Ultima YW Subwoofer

Transmission-line design. Transfer function designed to complement satellites or planar speakers. Power handling 200 W; FR 20-250 Hz; sens 90 dB SPL/W/m. 14 x 60 x 23 in; 195 lb\$6,600/pr

Ultima XW. As above, FR 24-250 Hz; sens 88 dB SPL/W/m. 14 x 60 x 15 in; 145 lb\$4,450/pr

Ultima X 2-Way Speaker

Transmission-line design. Power handling 200 W; FR 34-27,000 Hz ± 1.5 , -3 dB; sens 88 dB SPL/W/m. 13 $\frac{1}{2}$ x 43 x 15 in; 110 lb\$5,495/pr

EPITOME

2-Way In-Wall Speaker

8-in woofer, 1-in soft-dome tweeter. FR 40-20,000 Hz; sens 90 dB. Paintable\$249/pr
Above with 6 $\frac{1}{2}$ -in woofer. FR 45-20,000 Hz\$189/pr
Above with 5 $\frac{1}{2}$ -in woofer. FR 50-20,000 Hz\$150/pr

2-Way Bookshelf Speaker

5-in woofer, $\frac{1}{2}$ -in horn tweeter. FR 50-20,000 Hz; sens 89 dB. Black or white\$189/pr

2-Way Center-Channel Speaker

Two 3 $\frac{1}{2}$ -in woofers, $\frac{3}{4}$ -in polycarbonate tweeter. Magnetic shielding. FR 99-20,000 Hz; sensitivity 90 dB\$149

2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in woofer, $\frac{3}{4}$ -in polycarbonate tweeter. FR 65-20,000 Hz; sens 92 dB. Paintable\$129/pr
Above with 5 $\frac{1}{2}$ -in woofer. FR 69-20,000 Hz; sens 90 dB\$110/pr

EPOS

ES25 3-Way Speaker

8-in woofer, 6 $\frac{1}{2}$ -in injection-molded polymer midrange, 1-in fluid-cooled aluminum-dome tweeter. Features polyimide tweeter suspension; acoustical tweeter loading via separate rear chamber; tweeter filtering via one capacitor; die-cast-aluminum midrange chassis; rubber midrange surround; wet-wound midrange voice coil on aluminum former; midrange phase plug protruding from cone apex; dual rear-suspension for woofer; internal cabinet bracing. Solid-brass triwire/triamp terminals. Power handling 200 W; FR 25-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Walnut or cherry wood veneer finish\$2,995/pr

ES14 2-Way Speaker

8-in woofer, aluminum tweeter. Features no crossover; natural woofer rolloff at 2,000 Hz. Black-ash or walnut veneer finish. Dimensions: 8 x 19 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$1,395/pr

ES11 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in polypropylene woofer, aluminum-dome tweeter. Power handling 75 W; FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer finish. 8 x 15 x 10 in; 18 lb\$895/pr

ESS

Each of the following features a Heil air-motion transformer and a matte-black finish.

AMT Monitor 2-Way Speaker

12-in polypropylene woofer, 12-in styrene-foam/laminated passive radiator. Power handling 400 W; crossover point 800 Hz; FR 30-23,000 Hz ± 3 dB; sens 93 dB SPL/W/m. Dimensions: 15 $\frac{1}{2}$ x 39 $\frac{1}{4}$ x 15 $\frac{1}{2}$ in; 110 lb\$1,298/pr

AMT 1D. As above, sens 91 dB SPL/W/m. 16 $\frac{1}{4}$ x 36 $\frac{1}{2}$ x 16 $\frac{1}{4}$ in; 88 lb\$1,098/pr

PS1211 3-Way Speaker

12-in poly woofer. Features self-resetting thermal-overload protection. Variable midrange and treble controls. Power handling 200 W rms; crossover points 380 and 2,000 Hz; FR 32-23,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 6 ohms. Dimensions: 16 x 31 $\frac{1}{2}$ x 12 in\$598/pr

PS1011 2-Way Speaker

10-in poly woofer. Features self-resetting thermal-overload protection. Variable treble control. Power handling 150 W rms; crossover points 1,600 Hz; FR 38-23,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 6 ohms. 14 $\frac{1}{2}$ x 24 x 12 in\$498/pr

PS911. As above, 8-in woofer. Power handling 125 W rms; crossover point 2,000 Hz; FR 42-23,000 Hz ± 3 dB; sens 91 dB SPL/W/m. Dimensions: 12 x 21 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$438/pr

PS811. As above, 6 $\frac{1}{2}$ -in woofer. Power handling 100 W rms; FR 45-23,000 Hz ± 3 dB; sens 89 dB SPL/W/m. 10 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$358/pr

ESSENCE

Topaz 6 4-Way Speaker

Folded transmission-line design with 8-in woofer, 5-in midrange, 1-in silk-dome tweeter, $\frac{3}{4}$ -in silk-dome supertweeter. Features floor coupling via 3-point suspension. Power handling 300 W rms; crossover points 250, 2,000, and 6,500 Hz; FR 28-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. 13 x 52 x 15 in; 155 lb\$4,985/pr

Beryl 3 2-Way Speaker

Folded transmission-line design with 6-in woofer and 1-in silk-dome tweeter. Features floor coupling via 3-point suspension. Power handling 200 W rms; crossover point 2,000 Hz; FR 38-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 4 ohms. 10 x 40 x 14 in; 70 lb\$1,985/pr

FISHER

ST-515 3-Way Speaker

Bass-reflex design with 15-in long-throw woofer, 4-in Ferrofluid-damped midrange, and polyester-film tweeter. Features tweeter dispersion lens; auto-reset circuit breaker. Power handling 240 W max; FR 40-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 18 x 36 x 13 in\$150

ST-512. As above, 12-in woofer. Power handling 200 W max; FR 45-20,000 Hz; sens 90 dB SPL/W/m. 14 x 33 x 13 in\$120

ST-510. As ST-512, 10-in woofer. Power handling 160 W max. 11 $\frac{1}{4}$ x 28 x 11 in\$75

WS-737 2-Way Center-Channel Speaker

Acoustic-suspension design with 5-in woofer and 3-in tweeter. Features auto-reset circuit breaker. Magnetic shielding; integrated wall bracket. Power handling 80 W rms; FR 80-12,000 Hz; sens 90 dB SPL/W/m. 15 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 6 in\$80

ST-58B 2-Way Bookshelf Speaker

Bass-reflex design with 8-in coated woofer and 3-in tweeter. Features auto-reset circuit breaker. Power handling 160 W max; FR 50-20,000 Hz. Black textured vinyl finish. 10 x 16 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$75

ST-56B. As above, 6 $\frac{1}{2}$ -in woofer. Power handling 150 W max; FR 60-20,000 Hz. 8 x 14 x 9 in\$70

ST-54B. As ST-56B, 4 $\frac{1}{2}$ -in woofer. Power handling 120 W max. 7 x 12 x 9 in\$60

WS608S Surround Speaker

Acoustic-suspension design with 4-in driver. Integrated wall bracket. Power handling 30 W rms; FR 100-10,000 Hz; sens 90 dB SPL/W/m. 7 x 5 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in\$20

FOSGATE-AUDIONICS

SD180 2-Way THX Surround Speaker

Two 5-in woofers, two 1-in soft-dome tweeters. Features THX certification; selectable dispersion pattern when used with Model Three A A/V preamp. FR 80-18,000 Hz ± 3 dB; sens 91 dB SPL/W/m. 14 x 22 x 8 $\frac{1}{2}$ in; 32 lb\$1,850/pr

MC220 2-Way THX Speaker

Two 6 $\frac{1}{2}$ -in woofers, two 1-in soft-dome tweeters. Features THX certification with design for wide horizontal dispersion and narrow vertical dispersion. FR 55-23,000 Hz ± 3 dB; sens 91 dB SPL/W/m. 10 x 26 x 14 in; 40 lb\$1,599

FS400 THX Subwoofer

14-in driver. Features THX certification; cast-alloy driver frame; internal enclosure bracing. Power handling 300 W cont avg; FR 26-100 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6.6 ohms. Black. 24 x 14 x 24 in; 85 lb\$999

SD90 THX Surround Speaker

Dipole design. Features THX certification. Independent front- and rear-array level control when used with Fosgate-Audionics' THX controller. sens 89 dB. Black or white. 14 x 12 x 5 in; 15 lb\$799/pr

CSS200 THX Subwoofer

12-in driver. Features THX certification; cast-alloy driver frame; internal enclosure bracing. Power handling 250 W cont avg; FR 28-100 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6.6 ohms. Black. 22 x 21 x 20 in; 55 lb\$699

CPS200. Above with integral amp rated at 125 W into 8 ohms. Features input and output protection; auto turn-on/off\$1,299

MC110 2-Way Speaker

5-in woofer, soft-dome tweeter. FR 65-23,000 Hz ± 3 dB; sens 87 dB SPL/W/m. Dimensions: 7 $\frac{1}{2}$ x 11 x 5 $\frac{1}{2}$ in; 15 lb\$449

In-Wall Speakers

AS820 2-Way In-Wall Speaker

8-in woofer, 1-in soft-dome tweeter. Power handling 100 W max; FR 30-22,000 Hz; imp 8 ohms. 10 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 3 $\frac{1}{4}$ in; 18 lb\$399/pr

LF280 In-Wall Subwoofer

Dual-voice-coil driver. Power handling 100 W; FR 30-100 Hz; imp 8 ohms/coil. Dimensions: 10 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 3 $\frac{1}{4}$ in; 9 lb\$349

AS602 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in polypropylene woofer, 1-in soft-dome tweeter. Features crossover with air-core inductors and film capacitors; auto-reset tweeter protection. Power handling 150 W; FR 50-22,000 Hz; imp 8 ohms. 8 $\frac{1}{2}$ x 12 x 3 $\frac{1}{2}$ in; 12 lb\$299/pr

AS502 2-Way In-Wall Speaker

5 $\frac{1}{2}$ -in polypropylene woofer, $\frac{3}{4}$ -in Mylar tweeter. Features weather resistance: 6-dB/oct crossover. Power handling 100 W; FR 65-22,000 Hz; imp 8 ohms. 7 $\frac{1}{2}$ x 11 x 2 $\frac{1}{2}$ in\$229/pr

FRIED PRODUCTS

Valhalla Subwoofer/Satellite System

Column-style transmission-line cabinet, each with 8-in driver; 2 pyramid-shaped satellites, each with 6 $\frac{1}{2}$ -in transmission-line-loaded woofer and $\frac{3}{4}$ -in dome tweeter. Features fuse protection. Power handling 250 W cont avg; FR 18-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Oak or walnut finish. Subwoofers 10 $\frac{1}{2}$ x 36 x 15 $\frac{1}{2}$ in. Satellites 10 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 15 $\frac{1}{2}$ in\$5,490

D/2 Subwoofer. As above, without satellites. Power handling 200 W cont avg. Cherry or black finish. 10 $\frac{1}{2}$ x 36 x 15 $\frac{1}{2}$ in\$2,995/pr

Studio V 3-Way Speaker

Transmission-line design with 8-in polypropylene woofer, 6 $\frac{1}{2}$ -in polypropylene midrange, and $\frac{3}{4}$ -in dome tweeter. Features vented woofer and midrange pole pieces. Power handling 250 W cont avg; FR 20-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Cherry or black. 12 x 38 x 18 in; 70 lb\$3,595/pr

C/5 2-Way Bookshelf Speaker

Pyramid-shaped cabinet with 6 $\frac{1}{2}$ -in transmission-line-loaded woofer and $\frac{3}{4}$ -in dome tweeter. Power handling 250 W cont avg; FR 60-22,000 Hz ± 3 dB;

sens 91 dB SPL/W/m; imp 8 ohms. Cherry or black finish. 10½ x 13½ x 15½ in; 20 lb\$2,495/pr

R/5 3-Way Speaker

10-in polypropylene woofer, 5½-in polypropylene midrange, and 1-in Ferrofluid-damped dome tweeter. Features vented woofer and midrange pole pieces. Power handling 200 W cont avg; FR 32-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash or light-oak finish. 12 x 32 x 10½ in; 56 lb\$1,495/pr

A/5 2-Way Speaker

Vented design with 8-in polypropylene woofer and 1-in dome tweeter. Features multiple-layer damping. Power handling 100 W cont avg; FR 32-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash or dark-oak finish. 13 x 23 x 10½ in\$825/pr

Q/5 2-Way Speaker

Vented design 8-in polypropylene woofer and 1-in dome tweeter. Features multiple-layer damping. Power handling 100 W cont avg; FR 32-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash or dark-oak finish. 10¼ x 20 x 9 in\$599/pr

Beta V 2-Way Bookshelf Speaker

Aperiodic design with 6½-in polypropylene woofer and fluid-damped dome tweeter. Features 6-dB/oct crossover; vented woofer pole piece. Gold-plated 5-way binding posts. Power handling 100 W; crossover point 3,500 Hz; FR 60-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. Black-ash or dark-oak finish. 5-yr limited warranty. 8 x 13½ x 8 in\$399/pr

GENESIS

Genesis I 3-Way Powered Speaker System

Two bass towers, each with 6 servo-controlled 12-in metal-cone drivers; two separate high-frequency panels, each with 5-ft ribbon midrange and 26 ribbon tweeters; 12-channel 4,000-W servo amp. Power handling 2,000 W/ch; crossover points 80 and 3,700 Hz; imp 4 ohms. South American rosewood finish. High-frequency panels 42-in width x 7½-ft height. Bass towers 18-in width x 7½-ft height\$70,000

Genesis II 3-Way Powered Speaker System

Two bass towers, each with 4 servo-controlled 12-in metal-cone drivers; two separate high-frequency panels, each with 4-ft ribbon midrange and 15 ribbon tweeters; 4-channel 1,000-W servo woofer amp. Power handling 2,000 W/ch; crossover points 85 and 3,600 Hz; imp 4 ohms. South American rosewood. High-frequency panel 28½-in width x 6-ft height. Bass tower 16-in width x 6-ft height\$30,000

Genesis II.5 3-Way Powered Speaker System

Two speakers, each with two servo-controlled 12-in metal-cone woofers, 4-ft ribbon midrange, and 4-ft ribbon tweeters; 2-channel 700-W servo woofer amp. Power handling 1,000 W/ch; crossover points 85 and 4,200 Hz; imp 4 ohms. South American rosewood finish. 28½-in width x 6-ft height\$20,000

Genesis V 4-Way Powered Speaker System

Two speakers, each with four 8-in servo-controlled metal-cone woofers, one 6½-in metal-cone midbass coupler, one 3-in titanium-silicon-carbide dome midrange, and two 1-in round ribbon tweeters; 2-channel 700-W servo amplifier. Crossover points 80, 500, and 3,700 Hz; imp 4 ohms. South American rosewood finish. 11 x 42 x 20 in\$13,950

GERTNER AUDIO

The following prices are for the standard hand-rubbed oiled wood-veneer cherry finish. Each of the following features a 6-yr parts-and-labor warranty.

CEL3096 3-Way Speaker

Angled-port design with 12-in woofer, 10-in midrange, and Ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; antiresonance tweeter mounting; cast driver frames; one-piece enclosure; cloth driver surrounds. Gold-plated solid-brass binding posts.

Power handling 300 W cont; FR 24-20,000 Hz; sens 96 dB SPL/W/m; imp 8 ohms. 15¼ x 45¼ x 16 in; 112 lb\$4,250/pr

CEL1596 2-Way Speaker

Angled-port design with 10-in woofer and Ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; antiresonance tweeter mounting; cast driver frames; one-piece enclosure; cloth driver surrounds. Gold-plated solid-brass binding posts. Power handling 150 W cont; FR 30-20,000 Hz; sens 96 dB SPL/W/m; imp 8 ohms. Hand-rubbed oiled wood-veneer finish. 14¼ x 32 x 14 in; 62 lb\$2,150/pr

CEL1091 2-Way Speaker

Angled-port design with 8-in polypropylene woofer and Ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; one-piece enclosure; rubber woofer surround. Gold-plated binding posts. Power handling 100 W cont; FR 35-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 13¼ x 24 x 12 in; 40 lb\$1,395/pr

GOLD SOUND

All Gold Sound products, except for the In-Wall Series, are kits that include crossovers, connectors, wire, and instructions. Kits are available fully built or assembled with oak hardwood-and-veneer cabinet and black or oak finish. Other options include gold double-banana backplates, biwire/biamp terminals, and Kimber Kable internal wiring.

Kit 1494 4-Way Speaker Kit

18-in JBL woofer, 10-in JBL midbass, JBL compression horn midrange, JBL biradial horn tweeter. Features titanium midrange diaphragm. Midbass, midrange, and tweeter level controls. Power handling 600 W rms; crossover points 150, 1,200, and 5,000 Hz; FR 25-21,000 Hz ±3 dB; sens 95 dB SPL/W/m; imp 8 ohms. 29 x 46 x 19 in\$3,199/pr

Kit 1194 3-Way Speaker Kit

15-in JBL woofer, 8-in JBL compression horn midrange, JBL biradial horn tweeter. Midrange and tweeter level controls. Power handling 300 W rms; crossover points 300 and 5,000 Hz; FR 28-21,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 18 x 44 x 14 in\$1,799/pr

Kit 1095 3-Way Speaker Kit

15-in JBL woofer, two 6½-in Dynaudio midranges in symmetrical array, 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 300 W rms; crossover points 200 and 3,000 Hz; FR 28-25,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. Dimensions: 18 x 44 x 14 in\$1,449/pr

Kit 894 3-Way Speaker Kit

Symmetrical-array design with two 12-in woofers, two 6½-in Dynaudio midranges, and one 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 400 W rms; crossover points 90 and 3,000 Hz; FR 26-25,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 4 or 8 ohms. 18 x 44 x 14 in\$1,399/pr

Kit 794. As above, 10-in woofers. Power handling 300 W rms; crossover points 50, 200, and 3,000 Hz; FR 28-21,000 Hz ±3 dB. 14 x 37 x 11 in\$1,199/pr

Kit 995 3-Way Speaker Kit

15-in JBL woofer, 8-in JBL midrange, 1-in JBL titanium-dome tweeter. Power handling 300 W rms; crossover points 300 and 4,000 Hz; FR 28-25,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 18 x 44 x 14 in\$1,289/pr

Kit 9 3-Way Speaker Kit

15-in JBL woofer, 6½-in JBL midrange, 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 300 W rms; crossover points 300 and 4,000 Hz; FR 35-25,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 16 x 28 x 17 in\$1,099/pr

Kit 695 3-Way Speaker Kit

Symmetrical-array design with one 12-in woofer, two

Definitive Technology® Authorized Dealers

AK- Alaska Audio: Juneau; Holt's: Fairbanks; Pyramid: Anchorage.
AL- Cohen's Electronics: Montgomery; Kinkaid's TV: Tuscaloosa; Likie Audio: Birmingham.
AB- Custom AV: Little Rock.
AZ- Jerry's Audio Video: Phoenix, Tucson.
CA- Access to Music: Larkspur; Audio Concepts: Long Beach; San Gabriel Bay Area Audio: San Jose; Coast Satellite: Alacadero; Santa Maria; Creative Stereo: Santa Barbara; Ventura; David Rutledge Audio: Palm Desert; DB Audio: Berkeley; Henry Radio: Los Angeles; Redding Media Systems: Beverly Hills; Monterey Stereo: Monterey; Pacific Coast AV: Newport Beach; Paradise: Sacramento; Performance Audio: San Francisco; Sound Co.: Escondido; San Diego Systems Design: Redondo Beach; Videotek: Westminster; Westchester TV: Bakersfield; Wilson AV: Woodland Hills.
CO- Listen Up: Denver, Boulder, Colorado Springs.
CT- Al Franklin's: Hartford; Carston's AV: Danbury; Robert's Music: New London; Sound Playground: Newington, Orange, Manchester, Norwich.
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GA- Merit TV: Columbus; Music Audio: Atlanta; Stereo Connections: Valdosta; Stereo Shop: Martinez; Stereo Video Systems: Marietta.
HI- Audio Center: Honolulu.
IA- Audio Logic: Des Moines; Camera Corner: Davenport; Hawkeye: Iowa City; Cedar Falls.
ID- Good Ear: Boise.
IL- United Audio Centers: Chicago & Suburbs; Camera Corner: Bloomington; Cars & Stereo: Rockford; Jon's Home Center: Quincy; Sound Forum: Crystal Lake; Select Sound: Naperville; Sundown AV: Springfield.
IN- Ovation Audio: Clarksville, Indianapolis.
KS- Accent Sound: Overland Park; Advance Audio: Wichita; Audio Junction: Junction City.
KY- Ovation Audio: Lexington, Louisville.
LA- Alterman Audio: New Orleans; Melairie, Covington; Music Plus: Baton Rouge; Wright's Sound Gallery: Shreveport.
MA- Goodwins Audio: Boston, Shrewsbury; Nantucket Sound: Hyannis; Sound Playground: Springfield.
MD- Audio Buys: Annapolis, Gaithersburg, Laurel, Rockville, Waldorf; Cumberland Elec.: Cumberland; Gramophone: Balt., Ellicott City; Soundscape: Baltimore.
MI- Coolin: Portland.
MI- Pecar's: Detroit; Troy; Classical Jazz: Holland; Classic Stereo: Kalamazoo; Grand Rapids; Front Row AV: Flint; Future Sound: Ypsilanti; Court St. Listening Room: Midland, Saginaw.
MN- Audio Designs: Winona; Audio Perfection: Minneapolis.
MO- Independence AV: Independence; Sd. Central: St. Louis.
MS- McLelland TV: Hattiesburg.
MT- Rocky Mt. Hi Fi: Great Falls.
NC- Audio Video Systems: Charlotte; Stereo Sound: Durham; Greensboro, Raleigh, Winston Salem; Audio Lab: Wilmington; Tri City Elect.: Conover.
NE- Custom Electronics: Omaha, Lincoln.
NH- Coolin: Nashua, Manchester, Newington, Salem, S. Nashua.
NJ- Hal's Stereo: Trenton; Monmouth Stereo: Monmouth, Walk Sound Waves: Northfield; SoundWorks: Cherry Hill; Woodbridge Stereo: W. Caldwell, Woodbridge.
NY- Upper Ear: Las Vegas.
NY- Audio Breakthrough: Manhasset; Audio Den: Lake Grove; Audio Expressions: Newburgh; Clark Music: Albany; Syracuse; Stereo Exchange: Manhattan, Nanuet; Hart Elect.: Vestal; Innovative Audio: Brooklyn; Listening Room: Scarsdale; Rowe Camera: Rochester; Sound Mill: Mt. Kisco, Yorktown Hts.; Speaker Shop: Amherst; Buffalo; Stellar Stereo: Ithaca.
OK- Contemporary Sounds: Oklahoma City; K Labs Premium Audio: Tulsa.
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PA- Gary's Electronics: State College; GNT Stereo: Lancaster; Hart Electronics: Blakely, Kingston; Hi Fi House: Abington, Broomall; Palmer Audio: Allentown; Stereoland: Natrona Heights; Studio One: Erie.
SC- AV Design: Charleston; Upstairs Audio: Columbia.
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UT- Alpine Elect.: Provo; Audio Works: Salt Lake City; Stokes Bros.: Logan.
VA- Audio Buys: Arlington, Fairfax, Falls Church, Manassas; Audio Connection: Virginia Beach; Audiotechnic: Roanoke; Home Media Store: Richmond; Stereotypes: Charlottesville.
VT- Audio Video Authority: S. Burlington.
WA- Definitive Audio: Bellevue, Seattle; DESCO Electronics: Olympia; Evergreen Audio: Silverdale; Pacific St. & Sd.: Wenatchee; Tin Ear: Kennewick.
WVA- Sound Post: Princeton.
WI- Audio Emporium: Milwaukee; Absolute Sound & Vision: Sheboygan; Sound World: Wausau.
PR- Precision Audio: Rio Piedras.
Canada- A & B Sound: Calgary, Edmonton, Kelowna, Vancouver & Suburbs; Victoria; Advance Electronics: Winnipeg; Audio Ctr.: Montreal; Ottawa; Audio Designs: Edmonton; Bay Blew Radio: Toronto; Digital Dynamics: Clearbrook; Great West Audio Center: Linton's; New Market; Ontario; Peak Audio: Halifax; Sd. Room: Vancouver; Sd. Station: Courtenay.
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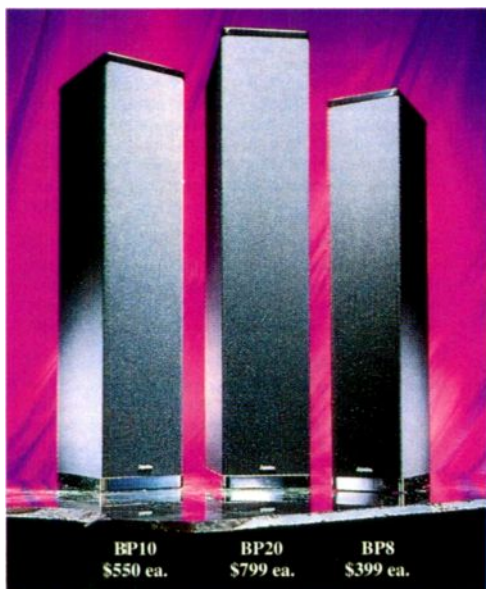
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— *Stereo Review*

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6½-in Dynaudio midranges, and one 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 200 W rms; crossover points 90 and 3,000 Hz; FR 32-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 or 8 ohms. 14 x 37 x 11 in\$999/pr

Dynaudio C 2-Way Speaker Kit

Symmetrical-array design with two 6½-in Dynaudio woofers and one 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 300 W rms; crossover point 3,000 Hz; FR 54-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 4 or 8 ohms. 12 x 22 x 10 in.\$749/pr

Dynaudio B. As above, single woofer. Power handling 150 W rms; FR 58-20,000 Hz ±3 dB; sens 89 dB SPL/W/m. 8 x 16 x 10 in.\$479/pr

Dynaudio A. As Dynaudio B, 5¼-in woofer. FR 72-20,000 Hz ±3 dB. 8 x 12 x 7 in\$329/pr

Kit 594 3-Way Speaker Kit

Symmetrical-array design with one 12-in woofer, two 6½-in Seas midranges, and one 1-in Ferrofluid-cooled aluminum-dome tweeter. Power handling 200 W rms; crossover points 90 and 3,000 Hz; FR 32-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 or 8 ohms. 14 x 37 x 11 in\$699/pr

Kit 494. As above, 10-in woofer, 4½-in midranges. Power handling 150 W rms; crossover points 120 and 3,000 Hz; FR 25-20,000 Hz ±3 dB. 14 x 25 x 11 inches\$629/pr

Kit 394 3-Way Speaker Kit

Ported design with 12-in woofer, 5¼-in midrange, and 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 200 W rms; crossover points 80, 200, and 4,000 Hz; FR 36-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 or 8 ohms. 14 x 25 x 11 in.\$549/pr

Kit 294. As above, 8-in woofer, 4-in midrange. Power handling 100 W rms; crossover points 200 and 4,000 Hz; FR 37-20,000 Hz ±3 dB. 12 x 19 x 10 in.\$449/pr

Kit .8 2-Way Bookshelf Speaker

Symmetrical-array design with two 4½-in polypropylene woofers and one 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 100 W rms; crossover point 3,500 Hz; FR 61-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4 or 8 ohms. 8 x 16 x 7 in.\$299/pr

Kit .6 2-Way Bookshelf Speaker

6½-in polypropylene woofer, 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 60 W rms; crossover point 3,500 Hz; FR 58-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 4 or 8 ohms. Dimensions: 10 x 16 x 8 in\$149/pr

Kit 2. As above, 5¼-in woofer, ¾-in tweeter. Power handling 50 W rms; crossover point 3,000 Hz; FR 68-20,000 Hz ±3 dB. 8 x 12 x 7 in\$129/pr

AV Series

Each of the following features magnetic shielding and can be built into a 2 x 4-in wall or an oak-hardwood-and-veneer cabinet with black or oak finish.

Dynaudio Cav 2-Way Speaker Kit

Symmetrical-array design with two 6½-in Dynaudio woofers and one 1-in Ferrofluid-cooled linen-dome tweeter. Power handling 300 W rms; crossover point 3,000 Hz; FR 54-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 4 or 8 ohms. Also sold singly. 12 x 22 x 10 in\$749/pr

Dynaudio Bav. As above, one woofer. Power handling 150 W rms; FR 62-20,000 Hz ±3 dB; sens 89 dB SPL/W/m. 7 x 16 x 10 in\$479/pr

Kit .9av 2-Way Bookshelf Speaker Kit

Symmetrical-array design with two 6½-in polypropylene woofers and two 1-in Ferrofluid-cooled dome tweeters. Power handling 160 W rms; crossover point 3,500 Hz; FR 39-20,000 Hz ±3 dB; sens 93 dB; imp 4 ohms. Also sold singly. 8 x 16 x 7 in.\$379/pr

Kit .8av. As above, 5¼-in woofers, single tweeter. Power handling 140 W rms; FR 61-20,000 Hz ±3 dB; sens 89 dB SPL/W/m. 8 x 16 x 7 in\$299/pr

Kit .6av. As Kit .9av, single woofer, single tweeter. Power handling 80 W rms; FR 58-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 10 x 16 x 8 in\$149/pr

Kit .2av. As Kit .8av, one 5¼-in woofer, ¾-in Ferrofluid-cooled dome tweeter. Power handling 70 W rms; FR 68-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 8 x 12 x 7 in\$129/pr

Subwoofer Series

GS 18 Subwoofer Kit

18-in JBL driver. Power handling 600 W rms; FR 29-150 Hz ±3 dB; sens 95 dB SPL/W/m; imp 8 ohms. 29 x 46 x 19 in\$499

GS 15. As above, 15-in driver. Power handling 300 W rms; sensitivity 93 dB SPL/W/m. Dimensions: 44 x 18 x 14 in\$329

GS 212 Subwoofer Kit

Two 12-in dual-voice-coil polypropylene drivers. Power handling 400 W rms; FR 27-150 Hz ±3 dB; sens 93 dB SPL/W/m; imp 4 or 8 ohms. 44 x 18 x 14 in\$279

GS 12. As above, single driver. Power handling 200 W rms; FR 29-150 Hz ±3 dB; sens 90 dB SPL/W/m. 18 x 18 x 16 in\$149

Amp rated at 300 W rms for any Subwoofer Series subwoofer\$449

Amp rated at 200 W rms for any Subwoofer Series subwoofer\$299

18-dB/oct active crossover at 80 Hz for any Subwoofer Series subwoofer\$99/pr

12-dB/oct passive crossover at user-specified crossover point for any Subwoofer Series subwoofer\$79/pr

In-Wall Series

Each of the following features a crossover with Mylar capacitors and air-core coils and weather resistance for outdoor or high-humidity use. Weather-resistant grilles and baffles are available.

Model 8AC 2-Way In-Wall Speaker

Coaxial design with 8-in polypropylene woofer and 2-in Ferrofluid-cooled tweeter. Power handling 100 W rms; crossover point 2,000 Hz; FR 40-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 4 or 8 ohms.\$109

Model 8C. As above, ¾-in tweeter. Power handling 70 W rms; crossover point 4,000 Hz; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m\$78

Model 6AC. As Model 8AC, 6½-in woofer. FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m\$98

GRADIENT

Revolution 3-Way Speaker

Two 12-in woofers, cardioid coaxial midrange/tweeter. Features open dipole woofer cabinet. FR 30-20,000 Hz ±3 dB; sens 86 dB; imp 5 ohms. 40 x 14 x 16 in; 50 lb\$3,995/pr

SW-63 Subwoofer

Dipole design with four 12-in drivers. Designed to match Quad's ESL63. Features active crossover. Bass-level control; mono/stereo switch. Balanced version optional. 19 x 28 x 11 in; 41 lb\$2,995/pr

SW-57. As above, four 8-in drivers. Designed to match Quad's original ESL. Dimensions: 10 x 21 x 6 in; 20 lb\$1,500/pr

Gradient 1.3 3-Way Speaker

8-In woofer, dipole midrange, four 1½-in tweeters in line-source array. Features bass-reflex woofer cabinet. Biwire/biamp terminals. FR 45-20,000 Hz ±2 dB. 38 x 15 x 11 in; 22 lb\$2,500/pr

Avanti 2-Way Speaker

Bass-reflex design with 6½-in polypropylene woofer and ¾-in Ferrofluid-cooled titanium-dome tweeter. Features polyurethane cabinet; 6-dB/oct crossover. Includes stand. Crossover point 3,000 Hz; FR 60-22,000 Hz ±2 dB; sensitivity 86 dB; impedance 8 ohms. Black or white. Dimensions: 20 x 10 x 11 in; 20 lb\$1,250/pr

HALES DESIGN GROUP

Each of the following features an infinite-baffle design and internal bracing.

Concept Five 3-Way Speaker

11-in Kevlar/Nomex woofer, 2-in titanium midrange, 1-in metal-dome tweeter. Features 4-in sloping baffle. FR 28-26,000 Hz ±3 dB; sens 86 dB; imp 4 ohms. 12 x 48 x 21 in; 180 lb\$9,000/pr

Concept Three 4-Way Speaker

Two 8-in carbon woofers, 2-in titanium midrange, 1-in metal-dome tweeter. Features 4-in sloping baffle. FR 33-26,000 Hz ±3 dB; sens 89 dB; imp 6 ohms. 12 x 42 x 19 in; 140 lb\$4,500/pr

Concept Two 3-Way Speaker

8-In carbon woofer, 2-in titanium midrange, 1-in metal-dome tweeter. Features 3-in sloping baffle. FR 37-26,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. 11 x 40 x 18 in; 110 lb\$3,000/pr

Concept One 2-Way Speaker

8-in carbon woofer, 1-in metal-dome tweeter. Features 3-in sloping baffle. FR 39-26,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. Dimensions: 11 x 36 x 18 in; 90 lb\$1,800/pr

HARBETH

The standard finish of each of the following is teak, walnut, black-ash, or oak.

Monitor HL 5 2-Way Speaker

8-In woofer, 1-in Ferrofluid-cooled aluminum-dome tweeter. Features birch-plywood cabinet damped with bitumen and acoustic foam; cast woofer chassis; crossover on fiberglass printed circuit board. Gold-plated biwire/biamp binding posts. Power handling 100 W; frequency response 50-18,000 Hz ±2.5 dB; sensitivity 86.5 dB SPL/W/m; impedance 8 ohms\$2,495/pr

Ebony or rosewood finish\$3,195/pr

BBC LS5/12A 2-Way Bookshelf Speaker

Tuned-port design with Dynaudio woofer and Ferrofluid-cooled Dynaudio tweeter. Features computer-aided design; shaped and damped rear tweeter chamber; air-core coils; 5-oz-copper printed circuit board. Biwire/biamp 5-way binding posts. Magnetic shielding. Power handling 120 W; FR 55-22,000 Hz; sens 81.5 dB; imp 8 ohms\$2,195/pr

Ebony or rosewood finish\$2,495/pr

HL C7 2-Way Speaker

8-in woofer, 1-in Ferrofluid-cooled anodized-dome tweeter. Features woofer phase plug; vented woofer voice coil; 13-element crossover on double-sided fiberglass printed circuit board. Gold-plated biwire/biamp binding posts. Power handling 100 W; FR 50-18,000 Hz ±2.5 dB; sens 86 dB SPL/W/m; impedance 8 ohms\$1,995/pr

Ebony or rosewood finish\$2,495/pr

HL P3 2-Way Speaker

4½-in plastic woofer, ¾-in aluminum-dome tweeter. Features computer-optimized design; rubber woofer surround; cast-magnesium woofer chassis; damped MDF enclosure; 18-dB/oct crossover on fiberglass printed circuit board. Biwire/biamp terminals. Magnetic shielding. Stand optional. Power handling 45 W; FR 80-20,000 Hz ±3 dB; sensitivity 82.5 dB SPL/W/m\$995/pr

Ebony or rosewood finish\$1,195/pr

BBC LS3/5A 2-Way Speaker

4½-in woofer, ¾-in dome tweeter. Features computer optimization; PVC woofer surround; multiple-layer birch-plywood cabinet damped with bituminous pads and acoustic foam; 14-element crossover on fiberglass printed circuit board. Binding posts. Power handling 30 W; FR 80-18,000 Hz ±3 dB; sens 82 dB SPL/W/m; imp 10 ohms\$995/pr

Ebony or rosewood finish\$1,195/pr

HARMAN KARDON

FS1 2-Way Speaker

Ported design. FR 55-20,000 Hz +3 dB; sens 85 dB/SPL/W/m; imp 8 ohms\$399/pr

Satellite and Subwoofer Speakers: The "Overnight Success" of the '90s.

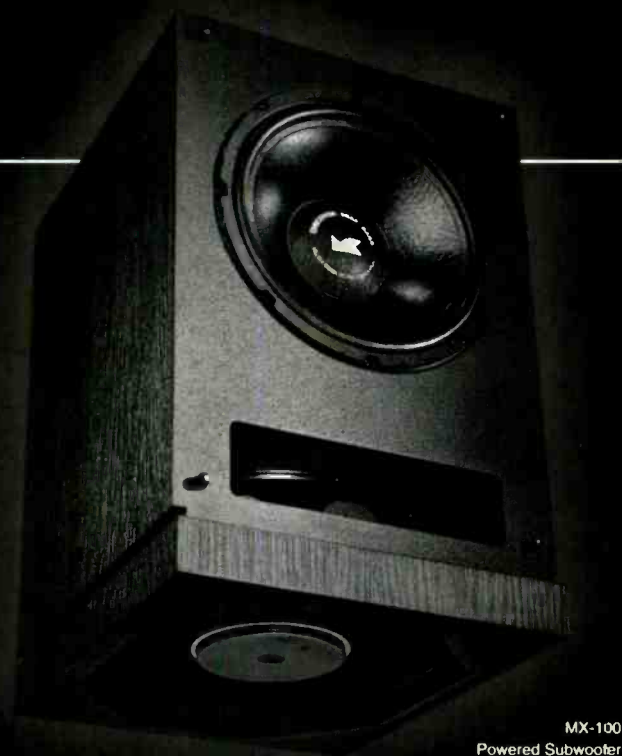
Overnight, it seems, virtually everyone has discovered the advantages of the satellite-subwoofer speaker concept—especially for use in the home theater.

1994 marks M&K Sound's *twentieth year* at the forefront of this technology. After two decades of developing and refining this concept, we are flattered to see satellite and subwoofer speaker systems become

the dominant choice for the multichannel home theater.

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MX-100
Powered Subwoofer

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We celebrate our twentieth anniversary by introducing the new M&K S-1C.

This *first* Push-Pull Dual-Driver Satellite speaker exceeds the superb musicality of its legendary predecessors, thanks to M&K's unique Transmission-Line tweeter and several other significant improvements.

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ate a *high-performance*, flexible system that can be optimized for both two-channel music and multichannel film and music reproduction.

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Power Mowse Tower 3-Way Powered Speaker
Waveguide/ported subwoofer; 12 drivers; separate amp for each driver. Integral active crossovers. Noise-gate operation when used with SEMOD EQ/crossover\$1,995/pr
As above, with 1/2-oct EQ featuring pink-noise generator\$2,495/pr

HARTLEY

The Reference 4-Way Speaker
24-in woofer, 10-in midrange, and two 7-in tweeters. Power handling 300 W cont avg; crossover points 125, 3,000, and 8,000 Hz; FR 16-25,000 Hz; impedance 5-8 ohms. Wood cabinet. Dimensions: 36 x 50 1/2 x 24 in\$7,295/pr
The Concertmaster. As above, 18-in woofer. 29 x 41 1/2 x 18 in\$6,095/pr

The Reference Tower 2-Way Speaker
Four 6 1/2-in thermoplastic woofers, four 1-in dome tweeters. Power handling 300 W cont avg; crossover point 3,600 Hz; frequency response 24-25,000 Hz; impedance 4 ohms. Wood cabinet. Dimensions: 17 1/2 x 44 1/2 x 18 in\$1,500/pr
Mini-Tower. As above, two woofers, one tweeter. Power handling 150 W cont; crossover point 3,100 Hz; FR 32-25,000 Hz\$695/pr
The Compact Reference. As Mini Tower, power handling 100 W cont avg, crossover point 5,000 Hz, FR 25-45,000 Hz, imp 8 ohms. Dimensions: 13 1/2 x 17 1/2 x 13 1/2 in\$400/pr

Subwoofers

The following feature cabinets with a 3/4-in cellulose internal lining and oak and walnut veneers.

SW-24 Subwoofer
Infinite-baffle enclosure. Power handling 300 W cont avg; FR to 16 Hz ± 3 dB; imp 5 ohms. 36 x 50 1/2 x 22 in; 250 lb\$1,495

SW-18 Subwoofer
Infinite-baffle enclosure. Power handling 300 W cont avg; FR to 16 Hz ± 3 dB; imp 5 ohms. 29 x 41 1/2 x 18 in; 150 lb\$1,100

SW-10 Subwoofer
Air-column enclosure. Power handling 100 W cont avg; FR to 25 Hz ± 3 dB; imp 6 ohms. 18 x 24 x 18 in; 70 lb\$550

HSU RESEARCH

HRI8R Subwoofer
16-piece vented cylindrical design with sixteen 18-in woofers per channel. Requires separate room to house subwoofers. Features separate tube Class A 24-dB/oct Linkwitz-Riley crossover. Power handling 6,000 W rms; crossover point variable from 20-100 Hz; FR 10-100 Hz ± 1 dB. 2,400 lb total\$80,000

HRSW410 Subwoofer
Vented cylindrical push-pull design with four 10-in drivers. Features discrete FET Class A Linkwitz-Riley crossover with polypropylene capacitors and gold-plated connectors; spiked feet. Gold-plated binding posts. Includes demo CD. Power handling 800 W rms; crossover point variable from 28-155 Hz; FR 16-100 Hz ± 1 dB; imp 4 ohms. Various finishes. 66-in height x 24-in diameter; 150 lb\$3,500/pr
HRSW210. As above, two drivers. Power handling 400 W rms; Frequency response 19-100 Hz ± 1 dB. Zolatone granite finish only. 36-in height x 24-in diameter; 100 lb\$2,000/pr

HRSW12V Powered Subwoofer
Vented cylindrical design with 12-in driver; amp rated at 150 W rms. Features 24-dB/oct Linkwitz-Riley crossover; spiked feet. Gold-plated line-level input and output; speaker-level input. Magnetic shielding; polarity, soft-clipping, and crossover switches; level control. Zolatone granite top. FR 20-100 Hz ± 2 dB. 22-in height x 23-in diameter; 70 lb\$800

HRSW10 Subwoofer
Vented cylindrical design with 10-in driver. Features 12-dB/oct low-pass filter; spiked feet. Gold-plated binding posts. Power handling 150 W rms; crossover point variable from 40-100 Hz; FR 20-100 Hz ± 1 dB; imp 8 ohms. Zolatone granite top. 29-in height x 14 1/2-in diameter; 23 lb\$800/pr

HUBBELL SOUND SYSTEMS

Each of the following is available in oak or black-oak real-wood-veneer finish.

HS542 2-Way Speaker
Two 5 1/4-in mineral-filled poly woofers, 1-in aluminum-dome tweeter. Features braced MDF cabinet; 18-dB/oct crossover. Gold-plated 5-way biwire/bi-amp binding posts. Power handling 100 W rms; crossover point 3,000 Hz; FR 70-25,000 Hz ± 3 dB; sens 92.5 dB SPL/W/m; imp 4 ohms. 8 x 18 1/2 x 13 in; 40 lb\$799

SV552 2-Way Bookshelf Speaker
5 1/4-in mineral-filled poly woofer, 3/4-in tweeter. Features MDF cabinet; 24-dB/oct crossover. Gold-plated 5-way binding posts. Power handling 100 W rms; crossover point 3,200 Hz; FR 70-25,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Dimensions: 8 x 12 x 7 in; 20 lb\$499

INCUS

GFS-Sub-Sat 5. GFS-SUB subwoofer and two GFS-5 satellites\$520

SM-12 3-Way Speaker
Bass-reflex design with 12-in woofer, 5-in Ferrofluid-cooled midrange, and 2 1/2-in horn-loaded tweeter. Magnetic shielding. Power handling 150 W; FR 30-20,000 Hz; sens 92 dB; imp 8 ohms. Dimensions: 25 x 15 x 11 in\$450/pr

IFS-800 2-Way In-Wall Speaker
8-in carbon-fiber woofer and 1-in titanium tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 30-25,000 Hz; imp 8 ohms. Dimensions: 13 x 9 x 3 in\$430/pr
IFS-650. As above, 6 1/2-in woofer. Crossover point 3,000 Hz; frequency response 50-22,000 Hz. 11 x 7 x 3 in\$250/pr

IFS-525. As IFS-800, 5 1/4-in woofer. Crossover point 3,500 Hz; frequency response 60-21,000 Hz. 8 x 5 x 3 in\$200/pr

SM-10 2-Way Bookshelf Speaker
Bass-reflex design with 10-in woofer and 2 1/2-in horn-loaded dome tweeter. Magnetic shielding. Power handling 200 W max; FR 40-20,000 Hz; sens 89 dB; imp 8 ohms. 23 x 12 x 12 in\$400/pr

GFS-8 2-Way Bookshelf Speaker
Acoustic-suspension design with 8-in shielded woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Power handling 125 W max; crossover point 3,500 Hz; FR 45-21,000 Hz; imp 8 ohms. 10 x 17 x 10 in\$360/pr

GFS-SUB Subwoofer
4th-order vented design with two 6 1/2-in drivers. Power handling 250 W max; crossover point 120 Hz; FR 36-150 Hz; Impedance 6 ohms. Dimensions: 21 x 13 x 11 in\$290

GFS-6II 2-Way Bookshelf Speaker
Acoustic-suspension design with 6 1/2-in shielded woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Power handling 100 W max; crossover point 4,500 Hz; FR 56-20,000 Hz; imp 8 ohms. Dimensions: 8 x 12 x 9 in\$260/pr

GFS-5 2-Way Bookshelf Speaker
Bass-reflex design with 5 1/4-in woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Magnetic shielding. Power handling 100 W max; crossover point 5,000 Hz; FR 56-20,000 Hz; imp 8 ohms. 8 x 12 x 9 in\$230/pr

INFINITY

EMIM, EMIT, EMIT-R, and EMIT-N are proprietary planar-magnetic drivers.

IRS Series V Reference Powered Speaker System
Modular 4-piece, 3-way design. 2 subwoofers, each with six 12-in drivers in feedback loop with two 2,000-W servo amps; 2 midrange/tweeter modules, each with 12 midranges in dipole arrangement and 32 tweeters in dipole line-source array (24 front- and 12 rear-facing). Features Monster Cable internal wiring. Variable low-pass filters; woofer phase switch and level controls; selectable midrange/tweeter input control; switchable bass servo. Includes 100-ft midrange/tweeter connecting cable. Midrange/tweeter power handling 500 W/ch; crossover points 70 and 5,000 Hz; FR 16-44,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 4 ohms. Oiled Brazilian rosewood or Santos finish. Subwoofers 20 1/2 x 90 x 28 1/2 in. Midrange/tweeter modules 47 x 90 x 17 in\$60,000

Epsilon 4-Way Speaker System
12-in Injection-molded graphite polypropylene woofer, proprietary L-EMIM midbass coupler, EMIM midrange, two EMIT tweeters. Power handling 500 W rms; crossover points 150, 500, and 3,000 Hz; FR 25-35,000 Hz ± 1.5 dB; sens 87 dB SPL/W/m; imp 4 ohms. Santos finish. 18 x 59 x 15 in\$14,000

SSW-212 Powered Subwoofer
Two 12-in injection-molded graphite drivers; amp rated at 300 W rms. Features servo control; fuse protection. Line- and speaker-level inputs. Variable output level. Horizontal, vertical, or corner placement. End panels for horizontal installation available. Crossover point variable from 40-120 Hz; FR 25-120 Hz. 5-yr limited transferable parts-and-labor warranty. Black-oak vinyl or honey-oak veneer finish. 20 1/2 x 31 1/2 x 11 1/2 in vertical installation\$1,598
SSW-210. As above, 10-in drivers, amp rated at 250 W rms. FR 30-120 Hz. 18 1/2 x 26 x 9 1/2 in vertical installation\$1,098

Micro II Subwoofer/Satellite System
Subwoofer with two 6 1/2-in polypropylene drivers; two cylindrically shaped satellites, each with 4 1/2-in polypropylene woofer and 1/2-in polycarbonate tweeter. Features tuned subwoofer enclosure with curved internal port. Weather resistance; magnetic satellite shielding; removable pivoting satellite mounting brackets. Power handling 100 W/ch rms; crossover point 5,000 Hz satellites; FR 40-150 Hz subwoofer, 150-25,000 Hz satellites; sens 90 dB SPL/W/m; imp 6 ohms subwoofer, 6-8 ohms satellites. Black pica subwoofer; black or white satellites. Subwoofer: 9 1/2 x 15 1/2 x 15 1/2 in. Satellites: 5 1/2-in diameter x 8-in height\$779
Satellite only\$179

Infinitesimal Sub Powered Subwoofer
10-in injection-molded graphite driver; amp rated at 100 W rms. Features servo control system. Variable level and crossover controls. Black pica cabinet. Crossover point variable from 50-200 Hz; FR 40-200 Hz ± 3 dB. 13 1/4 x 13 1/4 x 13 in\$599

Infinitesimal Video 2-Way Center-Channel Speaker
Two 5 1/4-in injection-molded graphite woofers, EMIT-R tweeter. Magnetic shielding; adjustable mounting bracket. Power handling 150 W rms; crossover point 3,500 Hz; FR 90-40,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black. 14 1/2 x 6 1/2 x 6 in\$329

Video 1 2-Way Center-Channel Speaker
Acoustic-suspension design with two 5 1/2-in polypropylene woofers and 1/2-in Ferrofluid-cooled polycarbonate tweeter. Magnetic shielding. Power handling 100 W rms; crossover point 4,500 Hz; FR 58-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black pica finish. 18 1/4 x 7 x 5 1/2 in\$189

Renaissance Series
Each of the following features rounded corners tapering to the enclosure rear, 3 acoustic spikes, a trans-

mission-line midrange subenclosure, and biwire/bi-amp terminals made of brass with gold plating.

Renaissance 90 4-Way Speaker

10-in injection-molded graphite woofer, 6-in injection-molded graphite midbass coupler, EMIM midrange, EMIT tweeter. Power handling 400 W rms; crossover points 200, 600, and 3,000 Hz; FR 27-45,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Blonde-oak or black-ash finish. 17 $\frac{1}{2}$ x 49 x 12 $\frac{1}{2}$ in . . . \$1,599
Limited-edition black-lacquer high-gloss finish . . . \$1,899

Renaissance 80 3-Way Speaker

8-in injection-molded graphite woofer, EMIM midrange, EMIT tweeter. Power handling 350 W rms; crossover points 550 and 3,000 Hz; FR 35-45,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Blonde-oak or black-ash finish. 15 x 41 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in . . . \$999
Limited-edition black-lacquer high-gloss finish . . . \$1,299

Kappa Series

Kappa 8.1 Series II 4-Way Speaker

Impedance-matching aperiodic-reflex design with 12-in injection-molded graphite woofer, 6 $\frac{1}{2}$ -in injection-molded graphite midbass, polypropylene-dome midrange, and EMIT-R tweeter. Features nonparallel sides; rounded front corners; 3-in midrange voice coil; rear midrange waveguide; circuit-breaker tweeter protection; adjustable tilting feet. Gold-plated 5-way biwire/biamp binding posts. Midrange and tweeter level controls. Power handling 300 W rms; crossover points 180, 700, and 4,700 Hz; FR 32-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey- or black-oak finish. 16 $\frac{1}{2}$ x 48 $\frac{1}{2}$ x 12 in \$1,100

Kappa 7.1 Series II 3-Way Speaker

Ported design with 10-in IMG woofer, polypropylene-dome midrange, and EMIT-R tweeter. Features nonparallel sides; rounded front corners; 3-in midrange voice coil; circuit-breaker tweeter protection; adjustable tilting feet. Gold-plated 5-way biwire/biamp binding posts. Midrange and tweeter level controls. Power handling 250 W rms; crossover points 500 and 4,500 Hz; FR 39-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey- or black-oak finish. 5-yr transferable warranty. 14 $\frac{1}{2}$ x 43 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in . . . \$799

Kappa 6.1. As above, 8-in woofer. Power handling 200 W rms; FR 45-35,000 Hz ± 2 dB. 12 $\frac{1}{2}$ x 38 x 9 $\frac{1}{2}$ in . . . \$599

Kappa Video Series II 2-Way Surround Speaker

Tuned cabinet with two 5 $\frac{1}{2}$ -in IMG woofers, EMIT-R tweeter. Designed for center or rear channel in home theater system. Features magnetic shielding; crossover with polypropylene capacitors and OFC wiring. Gold-plated inputs. Adjustable angle. Wall- and ceiling-mount brackets optional. Power handling 150 W rms; crossover point 4,000 Hz; FR 90-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey-oak veneer with solid-oak end panels or black. 8 $\frac{1}{2}$ x 20 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in . . . \$400

Reference Standard Series

Each of the following is available with an oak or black-ash finish.

RS12 SUB Powered Subwoofer

Ported design with 12-in injection-molded graphite driver; 150-W amp. Features servo system using current and voltage feedback from driver; 12-dB/oct high-pass filter for satellite output; 18-dB/oct low-pass filter; auto power-limiting circuitry. Line- and speaker-level inputs; outputs with or without crossover for satellites or full-range speakers. Auto turn-on/off; input-level control. Crossover point 100 Hz high-pass, variable from 50-200 Hz low-pass; FR 35-200 ± 3 dB. 16 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in . . . \$899

RS10 SUB. As above, 10-in driver, 100-W amp. FR 40-200 Hz ± 3 dB. 13 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 13 in . . . \$699

RS425 2-Way Speaker

6 $\frac{1}{2}$ -in injection-molded graphite woofer, 6 $\frac{1}{2}$ -in injection-molded graphite radiator, $\frac{3}{4}$ -in Ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features

woofer dispersion stabilizer. Power handling 150 W rms into 6 ohms; crossover point 3,100 Hz; FR 58-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 9 $\frac{1}{2}$ x 22 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in . . . \$459/pr

RS625 2-Way Speaker

One 8-in injection-molded graphite woofer, two 8-in injection-molded graphite radiators, one 1-in Ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features woofer dispersion stabilizer. Power handling 200 W rms into 6 ohms; crossover point 2,800 Hz; FR 40-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 10 $\frac{1}{4}$ x 37 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in . . . \$359

RS525. As above, 6 $\frac{1}{2}$ -in woofer and radiators. Power handling 125 W rms; FR 52-25,000 Hz ± 3 dB. 9 $\frac{1}{2}$ x 32 x 12 $\frac{1}{2}$ in . . . \$299

RS325 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in injection-molded graphite woofer, Ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features woofer dispersion stabilizer. Power handling 150 W rms into 6 ohms; crossover point 3,300 Hz; FR 65-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 8 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in . . . \$319/pr

RS Video 2-Way Center-Channel Speaker

Two 5 $\frac{1}{2}$ -in injection-molded graphite woofers, 1-in Ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Magnetic shielding; adjustable rear leg. Wall mountable. Power handling 150 W rms into 8 ohms; crossover point 2,200 Hz; FR 100-25,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 18 $\frac{1}{2}$ x 7 x 6 $\frac{1}{2}$ in . . . \$299

RS225 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in injection-molded graphite woofer, $\frac{1}{2}$ -in Ferrofluid-cooled polycarbonate tweeter. Power handling 75 W rms into 6 ohms; crossover point 3,000 Hz; FR 70-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 8 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 7 $\frac{1}{2}$ in . . . \$249/pr

RS125. As above, 5 $\frac{1}{2}$ -in polypropylene woofer. Power handling 60 W rms into 6 ohms; crossover point 4,500 Hz; FR 74-20,000 Hz ± 3 dB. Dimensions: 7 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in . . . \$199/pr

Studio Monitor Series

The following, except for SM 65, are available in walnut or black-pica vinyl finishes. Woofers and midranges are polypropylene-coated cones. Tweeters are air-filled polypropylene foam domes.

SM 155 3-Way Speaker

Ported design with one 15-in woofer, two 4 $\frac{1}{2}$ -in midranges, and one 1-in tweeter. Features rounded edges; auto-reset circuit breaker. Midrange and tweeter level controls. Power handling 300 W; crossover points 500 and 5,500 Hz; FR 44-25,000 Hz ± 3 dB; sens 102 dB SPL/W/m; imp 8 ohms. 17 $\frac{1}{2}$ x 40 x 12 $\frac{1}{2}$ in . . . \$599

SM 125 3-Way Speaker

Ported design with 12-in woofer, 4 $\frac{1}{2}$ -in midrange, and 1-in tweeter. Features auto-reset circuit breaker. Midrange and tweeter level controls. Power handling 200 W; crossover points 750 and 5,500 Hz; FR 49-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 14 $\frac{1}{2}$ x 35 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in . . . \$449

SM 85 2-Way Bookshelf Speaker

Ported design with 8-in woofer and 1-in tweeter. Features auto-reset circuit breaker. Power handling 125 W; crossover point 2,800 Hz; FR 72-25,000 Hz ± 3 dB; sens 98 dB SPL/W/m; imp 8 ohms. Dimensions: 11 $\frac{1}{2}$ x 18 x 10 $\frac{1}{2}$ in . . . \$438/pr

SM 115 3-Way Speaker

Ported design with 10-in woofer, 4 $\frac{1}{2}$ -in midrange, and 1-in tweeter. Features auto-reset circuit breaker. Tweeter level control. Power handling 175 W; crossover points 900 and 5,500 Hz; FR 59-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 13 $\frac{1}{2}$ x 30 x 12 $\frac{1}{2}$ in . . . \$369

SM 65 2-Way Bookshelf Speaker

Ported design with 6 $\frac{1}{2}$ -in polypropylene-coated woofer and $\frac{1}{2}$ -in polypropylene-dome tweeter. Auto-

reset circuit breaker. Power handling 100 W rms; crossover point 5,000 Hz; FR 78-25,000 Hz ± 3 dB; sens 94 dB; imp 8 ohms. Black, walnut, or rosewood vinyl finish. 8 x 13 $\frac{1}{2}$ x 8 in . . . \$278/pr

SM 105 2-Way Bookshelf Speaker

Ported design with 10-in woofer and 1-in tweeter. Features auto-reset circuit breaker. Power handling 150 W; crossover point 3,300 Hz; FR 65-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 12 x 21 x 12 in; 68 lb . . . \$249

ERS 40 Series

Each of the following features drivers removable from the front of the baffle, resistance to humidity and temperatures up to 170° F, a universal mounting system, and a paintable grille. Preconstruction kits are available for each model within the price range of \$38-\$48/pr.

ERS840 2-Way In-Wall Speaker

8-in injection-molded graphite woofer, EMIT-N tweeter. Power handling 75 W rms; crossover point 3,800 Hz; FR 50-45,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 11 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in . . . \$580/pr

ERS640 2-Way In-Wall Speaker

6-in injection-molded graphite woofer, $\frac{3}{4}$ -in Ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Power handling 60 W rms; crossover point 3,800 Hz; FR 60-22,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 8 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in . . . \$340/pr

ERS540 2-Way In-Wall Speaker

5 $\frac{1}{2}$ -in injection-molded graphite woofer, $\frac{3}{4}$ -in polycarbonate tweeter. Power handling 40 W rms; crossover point 6,000 Hz; FR 75-22,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 8 x 8 x 3 in . . . \$250/pr

ERS440 2-Way In-Wall Speaker

4-in injection-molded graphite full-range driver. Power handling 30 W rms; FR 90-15,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 7 x 7 x 2 $\frac{1}{2}$ in . . . \$180/pr

JAMO

Model 477 2-Way Speaker

Bass-reflex design with two 5-in woofers and one 1-in dome tweeter. Features overload protection. Gold-plated biwire/biamp terminals. Power handling 100 W cont; crossover point 2,500 Hz; FR 40-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black/mahogany finish. 7 $\frac{1}{2}$ x 30 x 11 in; 24.3 lb . . . \$900/pr

SW160 Subwoofer

Two 6 $\frac{1}{2}$ -in drivers. Features adjustable bass-reflex port. Power handling 100 W x 2 rms; FR 35-200 Hz; sens 90 dB SPL/W/m. Black or white with smoked-glass top. 13 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 19 in; 29 lb . . . \$449

Center 200 2-Way Center-Channel Speaker

Bass-reflex design with two 5-in woofers and one 1-in dome tweeter. Features overload protection; aluminum cabinet. Magnetic shielding. Power handling 80 W cont; crossover point 4,000 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash finish. 21 x 8 x 4 $\frac{1}{2}$ in; 11.5 lb . . . \$399

Indoor/Outdoor II 2-Way Speaker

Bass reflex design with two 4-in woofers and one $\frac{3}{4}$ -in dome tweeter. Weatherproof. Power handling 60 W cont; crossover point 3,500 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Black or white. 12 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in; 5 lb . . . \$300/pr

Center 50 2-Way Center-Channel Speaker

Bass-reflex design with two 4-in woofers and one $\frac{3}{4}$ -in dome tweeter. Features overload protection; plastic cabinet. Magnetic shielding. Power handling 60 W cont; crossover point 3,500 Hz; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black. 12 $\frac{1}{2}$ x 6 x 4 $\frac{1}{2}$ in; 7 lb . . . \$149

Sidekick Speaker

Bass-reflex design with 3 $\frac{1}{4}$ -in full-range driver. Designed for wall mounting. Includes mounting hard-

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ware. Power handling 35 W cont; FR 100-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Black or white. 4½ x 4½ x 3½ in; 1 lb\$120/pr
SW15. Pair of Sidekicks with black subwoofer. Subwoofer features two 6½-in drivers; gold-plated terminals. Subwoofer specs: power handling 70 W; crossover point 200 Hz; FR 45-200 Hz subwoofer; sens 90 dB SPL/W/m; imp 8 ohms. Subwoofer 10½ x 14½ x 11½ in; 17 lb\$299

Pro Series

Pro 400-EX 3-Way Speaker

Bass-reflex design with 15-in woofer, horn midrange, and three 1-in horn tweeters. Plastic enclosure. Gold-plated biwire/biamp terminals. Power handling 400 W cont; crossover points 2,000 and 5,000 Hz; FR 40-20,000 Hz; sens 95 dB SPL/W/m; imp 8 ohms. Gray. 19 x 34 x 13 in; 48 lb\$1,800/pr
Pro 300-EX. As above, 12-in woofer. One 1-in horn tweeter. Power handling 300 W cont; FR 42-20,000 Hz; sens 94 dB SPL/W/m. Dimensions: 19 x 30 x 13 in; 39.5 lb\$1,400/pr

Pro Sub 1000-EX Subwoofer

Bass-reflex design with two 15-in drivers. Plastic enclosure. Power handling 300 W x 2 rms; FR 35-150 Hz; sens 96 dB SPL/W/m. Dimensions: 22½ x 29½ x 21½ in; 110 lb\$1,300

Pro 200-EX 2-Way Speaker

Bass-reflex design with two 10-in woofers and one 1-in horn tweeter. Gold-plated biwire/biamp terminals. Power handling 200 W cont; crossover points 3,000 Hz; FR 45-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Gray. 19 x 13 x 13 in; 21.5 lb\$1,000/pr

JANIS

The following are available in zebrawood, Brazilian rosewood, coca bola, American walnut, white oak, or black finish.

W1 Subwoofer

15-in driver. Features slot-loaded design with bass output derived from electromagnetically controlled helmholtz resonator; 18-dB/oct crossover. Crossover point 100 Hz; FR 30-100 Hz ±1 dB. 22 x 22 x 18 in; 96 lb\$850-\$1,000
 With Interphase 3AT active xover\$1,450-\$1,600
 With Interphase 1A power amp\$1,645-\$1,795
W3. As above, 12-in driver. 18 x 18 x 18 in; 66 lb\$600-\$750
 With Interphase 3AT active xover\$1,200-\$1,350
 With Interphase 1A power amp\$1,395-\$1,545
System 3A. W3 with Interphase 3A crossover and switchable amp rated at 50 W rms. Line-level output. Variable phase and gain controls. FR 2-1,000 Hz; THD 0.03% at 20 Hz; S/N 90 dB\$995-\$1,170

JASCO

Model 408 Subwoofer/Satellite System

Bass-reflex subwoofer with two 5¼-in paper drivers; two rotating satellites, each with ¾-in paper woofer and 1¼-in dome tweeter. Magnetic shielding. Power handling 100 W subwoofer, 40 W satellites; FR 36-200 Hz subwoofer, 40-20,000 Hz satellites; imp 4 ohms subwoofer, 8 ohms satellites. Subwoofer 17 x 12 x 6 in. Satellites 4½ x 8½ x 4¼ in\$200

Model 414 2-Way Surround Speaker

5¼-in woofer, 1-in dome tweeter. Includes flat and angled wall brackets and stand-up brackets. Ivory. FR 50-20,000 Hz; imp 4-6 ohms\$160
Model 415. As above, gray\$160

Model 409 2-Way Center-Channel Speaker

Two 5¼-in woofers, one 2-in dome tweeter. Magnetic shielding. Power handling 120 W; FR 60-20,000 Hz; imp 6-8 ohms. 17 x 6 x 6 in\$100

Model 412 2-Way Surround Speaker

Bass-reflex design with 5-in paper woofer and 2-in dome tweeter. Magnetic shielding. Power handling 100 W; FR 50-20,000 Hz; imp 8 ohms. Dimensions: 7 x 10½ x 7 in\$100

Model 413 Surround Speaker

4½-in driver. Magnetic shielding. Power handling 60 W; FR 80-15,000 Hz; imp 8 ohms. Dimensions: 6½ x 7½ x 7¼ in\$60

Model 448 3-Way Outdoor Speaker

4-in polypropylene woofer, 2-in midrange, 1-in dome tweeter. Water resistance. Power handling 40 W; imp 6 ohms. White\$50/pr
Model 449. As above, black\$50/pr

JBL

Synthesis Three Home Media System

2 shielded subwoofers, each with one 12-in driver; 2 shielded wedge-shaped front-channel speakers, each with two 6-in midranges, titanium-dome tweeter, and compression horn; choice of horizontal non-THX or vertical THX shielded center-channel speaker; 2 dipole surround speakers, each with one horn on front and one horn on back; one 75 W x 2 amp for surround speakers; one bridgeable 75 x 2 amp for center channel; one 150 x 2 amp for subwoofers; one 150 x 2 amp for L/R front speakers; THX surround processor with Dolby Pro Logic and THX modes; EQ/control package; interconnect package; 4-plug power sequencer to turn on amps sequentially; remote control. Features cinema mode engaging two 6-in drivers and horn of front-channel speakers; music mode engaging one 6-in driver and titanium-dome tweeter of front-channel speakers. Black-ash finish\$19,500

Synthesis Three Cinema THX Speaker Package

2 subwoofers, 2 surround speakers, and 3 center-channel speakers as described above\$7,800

HT Series THX Home Theater System

Two subwoofers, each with one 12-in driver; 3 satellites; 2 dipole surround speakers. Features THX certification; pure-titanium tweeters with diamond surround; polymer-laminate midbasses and woofers; magnetic shielding. Power handling 100 W. Subwoofer: sens 91 dB; imp 6 ohms. Satellites: sens 87 dB; imp 8 ohms. Surround: sens 87 dB; imp 6 ohms. Subwoofer: 21½ x 25¼ x 17½ in; 62 lb. Satellites: 17½ x 10 x 8½ in; 21 lb. Surround: 13¾ x 9¼ x 7¾ in; 16 lb\$3,000

L7 4-Way Speaker

12-in aquaplas woofer, 8-in midbass, 5-in mineral-filled polypropylene midrange, and 1-in titanium-dome tweeter. Power handling 450 W; FR 30-27,000 Hz; sens 91 dB; imp 6 ohms. Black-ash veneer finish. 9½ x 46 x 17½ in; 75 lb\$1,000

PS120 Powered Subwoofer

12-in driver; 100-W amp. Features magnetic shielding; variable crossover. Line- and speaker-level inputs. Variable input gain; switchable polarity; auto turn-off. FR 23-250 Hz. Black vinyl finish. 15¼ x 19¼ x 9¾ in; 36 lb\$700

L5 4-Way Speaker

8-in woofer, 6½-in midbass, 5-in mineral-filled polypropylene midrange, 1-in titanium-dome tweeter. Power handling 350 W; FR 35-27,000 Hz; sens 90 dB; imp 6 ohms. Black-ash veneer finish. 9½ x 36½ x 13 in; 54 lb\$670

PS100 Powered Subwoofer

10-in driver; 50-W amp. Features magnetic shielding; variable crossover. Line- and speaker-level inputs. Variable input gain; switchable polarity; auto turn-off. FR 23-250 Hz. Black vinyl finish. 13¾ x 17½ x 9¾ in; 32 lb\$600
PS60. As above, 6½-in driver. FR 32-250 Hz. 11 x 14 x 7¼ in; 19 lb\$480

L3 2-Way Speaker

8-in woofer, 1-in titanium-dome tweeter. Power handling 250 W; FR 35-27,000 Hz; sens 89 dB; imp 8 ohms. Black-ash veneer finish. 9½ x 32½ x 12 in; 37 lb\$450

LX600 3-Way Bookshelf Speaker

10-in polymer-laminate woofer, 5-in polymer-lami-

nate midrange, 1-in titanium-dome tweeter. Power handling 200 W; FR 40-23,000 Hz f6 dB; sens 91 dB; imp 8 ohms. Black vinyl finish. 12¾ x 26¼ x 12¼ in; 39 lb\$430

LX500 3-Way Bookshelf Speaker

8-in polymer-laminate woofer, 5-in polymer-laminate midrange, 1-in titanium-dome tweeter. Power handling 150 W; FR 45-23,000 Hz -6 dB; sens 90 dB; imp 8 ohms. Black vinyl finish. Dimensions: 10¾ x 23¾ x 12¾ in; 34 lb\$320

S-4 2-Way In-Wall Speaker

6½-in polymer-laminate woofer, 1-in pure-titanium dome tweeter. Includes mounting frame and hardware. Power handling 100 W; FR 125-22,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 8¾ x 12 x 3¾ in; 16 lb\$300/pr
S-4SPK2. As above, without mounting frame or hardware\$270/pr

L1 2-Way Bookshelf Speaker

6½-in woofer, 1-in titanium-dome tweeter. Power handling 200 W; FR 47-27,000 Hz; sens 87 dB; imp 8 ohms. Black-ash veneer finish. 8¾ x 15¼ x 10 in; 16.5 lb\$300

LX440 2-Way Speaker

8-in polymer-laminate woofer, 1-in pure-titanium dome tweeter. Power handling 150 W max; sens 90 dB; imp 8 ohms. Black vinyl finish. 10¾ x 21 x 12¾ in; 30 lb\$260

S-3 2-Way In-Wall Speaker

5½-in polymer-laminate woofer, 1-in pure-titanium dome tweeter. Includes mounting frame and hardware. Power handling 100 W; FR 125-22,000 Hz; sens 86 dB SPL/W/m; imp 4 ohms. 7¼ x 10½ x 3¾ in; 14 lb\$225/pr
S-3SPK2. As above, without mounting frame or hardware\$200/pr

LX300 2-Way Bookshelf Speaker

6½-in polymer-laminate woofer, 1-in titanium-dome tweeter. Power handling 125 W; FR 50-23,000 Hz -6 dB; sens 90 dB; imp 8 ohms. Black vinyl finish. 9¼ x 16 x 9¾ in; 18 lb\$200

SC305 2-Way Center-Channel Speaker

Two 5-in polymer-laminate woofers, ½-in titanium-dome tweeter. Features magnetic shielding. Power handling 100 W max; sens 87 dB; imp 8 ohms. Black vinyl finish. 6¾ x 20 x 7 in; 14 lb\$200

SoundEffects Series

SoundEffects Music 2

Subwoofer/Satellite System

Powered double-band-pass subwoofer with 100-W amp; 2 satellites, each with two ¾-in midranges and one ¾-in vapor-deposited titanium-dome tweeter. Adjustable subwoofer level; magnetic satellite shielding. Power handling 120 W; FR 40-20,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. Gray. Subwoofer 30 x 10¼ x 8½ in. Satellites 14¾ x 4¾ x 6 in\$949

SoundEffects Music 1

Subwoofer/Satellite System

2 double-band-pass subwoofers; 2 satellites, each with ¾-in midrange and ¾-in vapor-deposited titanium-dome tweeter. Magnetic satellite shielding. Power handling 120 W; FR 40-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Gray. Subwoofers 16 x 10¼ x 8½ in; Satellites 6½ x 3¾ x 4¼ in\$869

SoundEffects Movies 2

Center/Rear-Channel System

Center-channel speaker with two ¾-in midranges and one ¾-in vapor-deposited titanium-dome tweeter; 2 surround speakers, each with two ¾-in midranges and one ¾-in vapor-deposited titanium-dome tweeter. Integrated mounting brackets. Power handling 70 W; FR 120-20,000 Hz ±3 dB; imp 8 ohms. Center channel, surrounds 6½ x 3¾ x 4¼ in\$599

SoundEffects Sat 2 2-Way Satellite Speaker

Two ¾-in midranges, ¾-in vapor-deposited titani-

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um-dome tweeter. Magnetic shielding; integrated bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. 6 $\frac{1}{2}$ x 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in \$399

SoundEffects Movies 1 Center/Rear-Channel System

Center-channel speaker with 3 $\frac{1}{2}$ -in midrange, $\frac{3}{4}$ -in vapor-deposited titanium-dome tweeter; 2 surround speakers, each with 3 $\frac{1}{2}$ -in driver. Includes brackets and table/bookshelf stands. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray. Center channel: 6 $\frac{1}{2}$ x 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in. Surrounds: 6 $\frac{1}{2}$ x 7 x 8 in \$299

SoundEffects 2-Way Center-Channel Speaker

Two 3 $\frac{1}{2}$ -in midranges, $\frac{3}{4}$ -in vapor-deposited titanium-dome tweeter. Magnetic shielding; integrated bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray. 6 $\frac{1}{2}$ x 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in \$259

SoundEffects Surround Speaker

3 $\frac{1}{2}$ -in driver. Includes bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray or white. 6 $\frac{1}{2}$ x 7 x 8 in \$129

ProPerformer Series

The following feature magnetic shielding, are black, and include mounting brackets.

Pro III Plus Subwoofer/Satellite System

Subwoofer with 8-in dual-voice-coil polymer-laminate driver; 2 satellites, each with 5-in polymer-laminate midrange and 1-in titanium-dome tweeter. Power handling 100 W; FR 35-27,000 Hz; sens 90 dB; imp 4 ohms \$660

Pro VIII 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in polymer-laminate woofer, 1-in titanium-dome tweeter. Features die-cast polypropylene-foam enclosure. Power handling 150 W max; sens 90 dB; imp 6 ohms. 9 $\frac{1}{2}$ x 15 x 9 $\frac{1}{4}$ in \$426/pr

Pro III 2-Way Bookshelf Speaker

5-in polymer-laminate woofer, 1-in titanium-dome tweeter. Die-cast polypropylene-foam enclosure. Power handling 100 W; FR 65-27,000 Hz; sens 87 dB; imp 4 ohms. 6 $\frac{1}{2}$ x 9 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in \$300/pr

ProPerformer Satellite Speaker

4 $\frac{1}{2}$ -in treated-fiber full-range driver. Includes mounting hardware. Power handling 60 W; FR 100-18,000 Hz; sens 88 dB; imp 6 ohms. Dimensions: 6 x 6 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in; 4 lb \$200/pr

A/VP3 2-Way Center-Channel Speaker

5-in polymer-laminate woofer, 1-in titanium-dome tweeter. Features die-cast polypropylene-foam enclosure. Includes wall-mounting accessories. Power handling 100 W; FR 65-27,000 Hz; sens 87 dB; imp 4 ohms. 6 $\frac{1}{2}$ x 9 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in; 12.5 lb \$170

MR Series

The following feature a tuned port and a black-vinyl finish. Dome tweeters are vapor-deposited titanium.

MRV310 3-Way Speaker

10-in woofer, 6 $\frac{1}{2}$ -in midrange, $\frac{3}{4}$ -in dome tweeter. Magnetic shielding. Power handling 175 W; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 11 $\frac{1}{4}$ x 36 x 12 in; 32 lb \$350

MRV308. As above, 8-in woofer. Power handling 150 W; FR 42-20,000 Hz. 10 x 32 $\frac{1}{4}$ x 12 in; 28 lb \$250

MR38. As MRV308, bookshelf version without magnetic shielding. FR 45-20,000 Hz. 10 x 24 x 12 in; 25 lb \$200

M28 2-Way Bookshelf Speaker

8-in woofer, $\frac{1}{2}$ -in dome tweeter. Power handling 125 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 10 x 19 $\frac{1}{4}$ x 10 in; 18 lb \$150

MR26. As above, 6 $\frac{1}{2}$ -in woofer. Power handling 100 W; FR 55-20,000 Hz; sens 88 dB. 8 $\frac{1}{2}$ x 15 x 10 in; 12 lb \$120

MR25. As MR26, 5-in woofer. Power handling 75 W; FR 70-20,000 Hz; sens 87 dB. Dimensions: 7 $\frac{1}{2}$ x 12 x 8 $\frac{1}{2}$ in; 8 lb \$90

MR Center 2-Way Center-Channel Speaker

Two 3 $\frac{1}{2}$ -in woofers, one $\frac{1}{2}$ -in dome tweeter. Power handling 80 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. 14 $\frac{1}{4}$ x 5 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in; 7 lb \$150

M5 2-Way Bookshelf Speaker

5-in woofer, 2-in cone tweeter. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB; imp 8 ohms. 6 $\frac{1}{2}$ x 11 x 7 $\frac{1}{4}$ in; 7 lb \$70

J Series

The following feature a tuned port and a black-vinyl finish. Dome tweeters are vapor-deposited titanium.

J1000MV 3-Way Speaker

10-in woofer, 6 $\frac{1}{2}$ -in midrange, $\frac{3}{4}$ -in dome tweeter. Magnetic shielding. Power handling 175 W; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 11 $\frac{1}{4}$ x 36 x 12 in; 32 lb \$350

J900MV. As above, 8-in woofer. Power handling 150 W; FR 42-20,000 Hz. 10 x 32 $\frac{1}{4}$ x 12 in; 28 lb \$250

J830M 3-Way Bookshelf Speaker

8-in woofer, 6 $\frac{1}{2}$ -in midrange, $\frac{3}{4}$ -in dome tweeter. Power handling 150 W; FR 45-20,000 Hz; sens 92 dB; imp 8 ohms. 10 x 24 x 12 in; 25 lb \$200

J820M 2-Way Bookshelf Speaker

8-in woofer, $\frac{1}{2}$ -in dome tweeter. Power handling 125 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 10 x 19 $\frac{1}{4}$ x 10 in; 18 lb \$150

J620M. As above, 6 $\frac{1}{2}$ -in woofer. Power handling 100 W; FR 55-20,000 Hz; sens 88 dB. 8 $\frac{1}{2}$ x 15 x 10 in; 12 lb \$120

JCenter 2-Way Center-Channel Speaker

Two 3 $\frac{1}{2}$ -in woofers, $\frac{1}{2}$ -in dome tweeter. Power handling 80 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. 14 $\frac{1}{4}$ x 5 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in; 7 lb \$150

J520M 2-Way Bookshelf Speaker

5-in woofer, $\frac{1}{2}$ -in dome tweeter. Power handling 75 W; FR 70-20,000 Hz; sens 87 dB; imp 8 ohms. 7 $\frac{1}{2}$ x 12 x 8 $\frac{1}{2}$ in; 8 lb \$90

J50 2-Way Bookshelf Speaker

5-in woofer, 2-in cone tweeter. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB; imp 8 ohms. 6 $\frac{1}{2}$ x 11 x 7 $\frac{1}{4}$ in; 7 lb \$70

JENSEN

CS315 3-Way Speaker

Bass-reflex design with 15-in woofer, 5-in cone midrange, and 3-in tweeter. Power handling 80 W cont; FR 41-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Oak finish. 17 $\frac{1}{2}$ x 34 x 11 $\frac{1}{4}$ in \$160

CS312. As above, 12-in woofer. Power handling 60 W cont; FR 46-20,000 Hz; sens 92 dB SPL/W/m. 14 $\frac{1}{4}$ x 31 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in \$200/pr

CS310. As CS312, 10-in woofer. Power handling 50 W cont; FR 48-20,000 Hz; sens 91 dB SPL/W/m. 12 $\frac{1}{2}$ x 28 x 9 $\frac{1}{2}$ in \$140/pr

CS308 3-Way Speaker

Bass-reflex design with two 8-in woofers and 3-in tweeter. Power handling 60 W cont; FR 45-20,000 Hz; sens 94 dB SPL/W/m; imp 6 ohms. Oak finish. 10 $\frac{1}{2}$ x 38 x 13 in \$150

Model 1525 2-Way Outdoor Speaker

5 $\frac{1}{4}$ -in polypropylene woofer, 2-in polypropylene tweeter. Features weather resistance; polystyrene cabinet. Power handling 30 W cont; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Black. 6 $\frac{1}{2}$ x 10 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in \$100/pr

CS265 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer, 3-in Ferrofluid-filled cone tweeter. Power handling 50 W cont; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. Dimensions: 9 x 16 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in \$100/pr

CS225 2-Way Center-Channel Speaker

Two 5-in woofers, 2-in tweeter. Magnetic shielding. Power handling 50 W cont; FR 70-20,000 Hz; sens 94

dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 17 $\frac{1}{2}$ x 5 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in \$100

CS205 Surround Speaker

4 $\frac{1}{2}$ -in full-range driver. Includes wall-mount bracket. Power handling 30 W rms; FR 130-13,000 Hz; sens 89 dB; imp 8 ohms. Black-ash vinyl finish. 6 $\frac{1}{2}$ x 9 x 4 $\frac{1}{4}$ in \$49/pr

Multimedia Speakers

The following are designed for personal computer or stereo use and feature magnetic shielding.

JPS45 2-Way Powered Mini Speaker System

2 speakers, each with 3 $\frac{1}{2}$ -in woofer and 2-in tweeter; amp rated at 10 W x 2. Headphone jack. Bass, treble, balance, and volume controls. FR 120-20,000 Hz -3 dB \$129

JPS35 Powered Mini Speaker System

2 speakers, each with 3 $\frac{1}{2}$ -in full-range driver; amp rated at 5 W x 2. Bass, treble, balance, and volume controls. FR 120-20,000 Hz -3 dB \$79

JPS25 Powered Mini Speaker System

2 speakers, each with 2 $\frac{1}{2}$ -in driver; amp rated at 3.5 W x 2. Bass, treble, balance, and volume controls. Operates on 4 C batteries. Frequency response 280-20,000 Hz -3 dB \$49

JPS40 2-Way Mini Speaker

3 $\frac{1}{2}$ -in woofer, 2-in cone tweeter. Power handling 10 W cont; FR 120-20,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms \$49/pr

JPS30. As above, without tweeter. Power handling 5 W continuous; FR 140-20,000 Hz; sensitivity 84 dB SPL/W/m \$29/pr

JOSEPH AUDIO

RM50si 3-Way Speaker

10-in woofer, 5-in Hexacone midrange, 1 $\frac{1}{2}$ -in soft-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz and 50-dB/oct slope at 120 Hz; Cardas internal wiring; isolated midrange chamber. Gold/rhodium biwire/biamp terminals. FR 20-20,000 Hz ± 1.5 dB; sens 88 dB SPL/W/m; imp 8 ohms. Dimensions: 13 x 46 x 18 in; 110 lb \$5,999/pr

RM20ti 2-Way Speaker

8-in polypropylene woofer, 1-in titanium-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz; dynamic bass damping; Cardas internal wiring. Biwire/biamp terminals. FR 38-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 11 x 36 x 13 in; 62 lb \$2,099/pr

RM7sl 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer, 1-in silk-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz; Cardas Internal wiring. Biwire/biamp terminals. FR 55-20,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. 9 x 15 x 11 in \$1,199/pr

JPW

AP3 2-Way Speaker

Infinite-baffle design with 8-in doped paper-cone woofer, $\frac{3}{4}$ -in Ferrofluid-cooled plastic soft-dome tweeter. Biwire/biamp terminals. Power handling 100 W cont; FR 5-20,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. Walnut, black-ash or blond-ash finish. 10 x 20 x 11 in; 26 lb \$695/pr

AP2. As above, power handling 80 W cont, FR 65-20,000 Hz ± 3 dB, sens 80 dB SPL/W/m. 10 x 17 x 10 in; 21 lb \$525/pr

P1. As AP2, no biwire terminals. Power handling 70 W cont; sens 90 dB SPL/W/m. 17 lb \$450/pr

JPW Subwoofer/Satellite System

Subwoofer with two 8 $\frac{1}{2}$ -in polypropylene drivers; 2 satellites, each with 4-in paper woofer and $\frac{1}{2}$ -in Ferrofluid-damped dome tweeter. Power handling 80 W cont subwoofer, 70 W cont satellite; FR 30-150 Hz subwoofer, 90-20,000 ± 3 dB Hz satellite; sens 95 dB

SPL/W/m subwoofer, 85 dB SPL/W/m satellite; imp 8 ohms/driver subwoofer, 8 ohms satellite. Black or white vinyl finish. Subwoofer 20 1/2 x 10 x 10 1/2 in. Satellites 5 1/2 x 9 1/4 x 4 1/4 in\$595
Subwoofer only. Crossover at 150 Hz\$375
Satellite only\$220/pr

Sonata Plus 2-Way Bookshelf Speaker

6 1/2-in paper-cone woofer, 1-in Ferrofluid-cooled aluminum-dome tweeter. Features PVC woofer surround. Biwire/biamp terminals. Power handling 70 W cont; FR 70-20,000 Hz ±3 dB. Walnut-ash, black-ash, or blond finish. 9 x 13 x 8 1/2 in; 11 lb\$395/pr

Sonata 2-Way Bookshelf Speaker

6 1/2-in paper-cone woofer, 1/2-in Ferrofluid-cooled dome tweeter. Features PVC woofer surround. Power handling 70 W cont; FR 70-20,000 Hz ±3 dB. Walnut, blond-ash, or black-ash finish. Dimensions: 9 x 13 x 8 1/2 in; 10 lb\$335/pr

Minim 2-Way Bookshelf Speaker

5-in paper-cone woofer, 1/2-in Ferrofluid-cooled dome tweeter. Features foam woofer surround. Biwire/biamp terminals. Power handling 70 W cont; FR 70-20,000 Hz ±3 dB. Black vinyl finish. Dimensions: 7 x 7 x 8 in; 6 lb\$250/pr
Magnetically shielded version\$145

Ruby Series

Ruby 4 2-Way Speaker

Infinite-baffle design with two 7-in anodized-aluminum cone woofers and one 1-in aluminum-dome tweeter. Features OFC internal wiring; aluminum woofer phase caps; rubber woofer surrounds; Kapton woofer voice-coil formers; cast-aluminum woofer chassis; soft polyimide tweeter surround; vented tweeter pole; rear-damped tweeter chamber; compartment for mass loading; MDF cabinet with internal bracing. Gold-plated biwire/biamp binding posts. Power handling 200 W; FR 45-22,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Rosewood finish. 8 1/2 x 35 1/2 x 10 1/4 in\$3,450/pr
Walnut, black-ash, or oak finish\$2,895/pr
Ruby 3. As Ruby 4, 5-in woofers with steel chassis. Power handling 150 W; FR 55-22,000 Hz; sens 87 dB SPL/W/m. 7 1/2 x 29 1/2 x 8 1/2 in\$2,750/pr
Walnut, black-ash, or oak finish\$2,295/pr

Ruby 2 2-Way Bookshelf Speaker

Bass-reflex design with 7-in anodized-aluminum cone woofer and 1-in Ferrofluid-damped aluminum-dome tweeter. Features OFC internal wiring; aluminum woofer phase plug; rubber woofer surround; Kapton woofer voice-coil former; cast-alloy woofer chassis; polyimide tweeter surround; MDF cabinet. Gold-plated biwire/biamp terminals. Power handling 150 W; FR 50-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Rosewood finish. 8 1/2 x 17 x 9 1/2 in\$1,850/pr
Walnut, black-ash, or oak finish\$1,595/pr
Ruby 1. As Ruby 2, 5-in woofer with steel chassis. Power handling 120 W; FR 55-22,000 Hz; sens 87 dB SPL/W/m. 7 1/2 x 12 3/4 x 8 1/2 in\$1,250/pr
Walnut, black-ash, or oak finish\$1,095/pr
HS2. Mass-loadable stand for Ruby 2. 17 1/2-in height\$300/pr
HS1. Mass-loadable stand for Ruby 1. 23 1/4-in height\$300/pr

JRM ENGINEERING

Reference 4-Way Powered Speaker System

Two subwoofers, each with 18-in driver; 2 satellites, each with four 8-in midbasses, horn midrange, and horn tweeter, two 750-W mono power amplifiers; preamplifier; 6-band remote EQ; 4-way active crossover\$21,600

Monitor Powered Subwoofer/Satellite System

Subwoofer with 15-in polypropylene driver; 2 satellites, each with 8-in midbass, 3-in midrange, and horn tweeter; 7-way active crossover; seven 350-W (into 2 ohms) amps. Time-aligned drivers; protection circuitry; 7 level controls. Frequency response 18-20,000 Hz\$7,200
Above with two subwoofers\$9,540

D15A-5 Powered Subwoofer

Proprietary alignment with two 15-in polypropylene drivers; amp rated at 500 W x 1 cont avg. Features 2-way active crossover with bass/midbass EQ. FR 19-300 Hz. 10-cubic-ft box\$2,700

S18B-5 Powered Subwoofer

Proprietary alignment with 18-in driver; amp rated at 200 W x 1 cont avg. Features 2-way active crossover with bass/midbass EQ. Frequency response 20-200 Hz. 8-cubic-ft box\$2,500
S15A-5. As above, with 15-in driver. Frequency response 20-250 Hz\$2,340

S18B Subwoofer

QB3 vented design with 18-in driver. Power handling 200 W; sens 95 SPL/W/m; imp 8 ohms. 8-cubic-ft box; 150 lb\$1,260
S15A. As above, 15-in driver. Power handling 200 W; FR 30-300 Hz ±1.5 dB; sens 92 SPL/W/m. Optional finish. 6-cubic-ft box; 130 lb\$1,125

JVC

SXSW9 Subwoofer/Satellite System

Kelton-type 5-in subwoofer with crossover; 2 acoustic-suspension satellites, each with 4-in woofer and 1-in soft-dome tweeter\$500

SPXS6BK Surround Speaker

Tower design with 5-in driver\$180/pr

KEF

Uni-Q refers to KEF's proprietary driver with a tweeter using neodymium-iron-boron sitting in the center of a cone woofer or midrange.

Reference A/V Series

THX System Rosewood. Rosewood AV1 subwoofer, two gray AV2 surround speakers, three black-ash AV3 front speakers\$7,200
THX System Black Ash. As above, black-ash AV1\$7,000

AV1 THX Powered Subwoofer

Two 10-in drivers; 400-W amp. Features THX mode; coupled-cavity design with metal bar joining driver magnets. Balanced-XLR and unbalanced-RCA inputs; speaker-level inputs; line-level output filtered below 100 Hz; unfiltered line-level output. Blend control for phase compensation relative to satellites; variable input level and low-pass crossover point. FR 22-150 Hz ±3 dB stereo. Rosewood finish. 22 x 16 1/2 x 19 1/2 in; 102 lb\$3,700
Black-ash finish\$3,500

Model 40B Powered Subwoofer

Two 8-in paper drivers; 150-W amp. Features twin coupled-cavity bass loading with metal rod connecting woofer magnets; mechanical excursion-limit protection; proprietary bass-extension circuitry. Magnetic shielding; variable level and crossover-point controls; phase control. Crossover point variable from 50-120 Hz; FR 35-150 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Dimensions: 7 1/2 x 22 1/2 x 11 in; 63.6 lb\$1,200

AV3 2-Way THX Front Speaker

Sealed design with two 6 1/2-in polypropylene woofers and three 1-in fluid-cooled soft-dome tweeters. Designed for use as front/center speaker in home theater system. Features THX certification; phased-array tweeter configuration. Gold-plated terminals. Magnetic shielding. Power handling 150 W; crossover point 3,000 Hz; FR 80-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Gray. 9 1/2 x 22 1/2 x 7 1/2 in; 28 lb\$800

AV2 3-Way THX Surround Speaker

Bass-reflex design with 5-in polypropylene woofer, two 4-in paper-cone midranges, and two 1-in fluid-cooled soft-dome tweeters. Features THX certification. Gold-plated terminals. Power handling 100 W; crossover points 400 and 3,000 Hz; FR 125-8,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Gray. 12 1/4

x 10 1/4 x 5 1/2 in; 13.2 lb\$750

Model 70S 2-Way Surround Speaker

Sealed design with 3/4-in fluid-cooled soft-dome tweeter within 6 1/2-in Uni-Q driver. Features Injection-molded structural-foam enclosure. Gold-plated terminals. Magnetic shielding. Wall, stand, or bracket mount. Power handling 100 W; FR 120-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. 6 1/2 x 10 x 4 1/4 in; 6.8 lb\$500/pr

Reference Series

Model Three 4-Way Speaker

Two 8-in woofers, 6 1/2-in midrange, 1-in silk-dome tweeter within 6 1/2-in Uni-Q driver. Features twin coupled-cavity bass loading with metal rod connecting woofer magnets. Gold-plated biwire/biamp terminals. Crossover points 150, 400, and 3,000 Hz; FR 40-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 4 ohms. Rosetta Burr finish. 11 x 45 x 16 in; 90 lb\$3,300/pr
Black-ash finish\$3,000/pr

Model 107/2 3-Way Speaker

Two woofers in main enclosure; polypropylene-cone midrange and 1-in Ferrofluid-cooled aluminum-dome tweeter in rotatable attached head assembly; KUBE 107/2 active equalizer with low- and high-frequency contour controls. Features twin coupled-cavity bass loading with metal rod connecting woofer magnets; internal woofer-enclosure dividing panels for stiffening; midrange/tweeter head assembly injected with mineral-loaded polymer for resonance control; connection of bass and midrange/tweeter assemblies via gold-plated XLR connectors. Biwire/biamp terminals. Power handling 300 W; FR 20-20,000 Hz ±2 dB; imp 4 ohms. EQ 6 1/2 x 2 1/2 x 9 1/4 in; 2.9 lb. Speaker 13 x 46 x 17 1/2 in; 99 lb\$2,950

Model Two 3-Way Speaker

Two 6 1/2-in woofers, 1-in silk-dome tweeter within 6 1/2-in Uni-Q driver. Features twin coupled-cavity bass loading with metal rod connecting woofer magnets. Gold-plated biwire/biamp terminals. Crossover points 150 and 3,000 Hz; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Rosetta Burr finish. 9 x 40 x 14 in; 50 lb\$2,500/pr
Black-ash finish\$2,300/pr
Model One. As Model Two, one woofer. Crossover points 130 and 3,000 Hz; FR 55-20,000 Hz ±3 dB; sens 89 dB SPL/W/m. 9 x 35 x 14 in; 40 lb\$1,800/pr
Black-ash finish\$1,600/pr

Model 105/3 3-Way Speaker

6 drivers including Uni-Q. Features twin coupled-cavity bass loading. Power handling 300 W; FR 49-20,000 Hz ±2.5 dB; sens 93 dB; imp 4 ohms. 11 x 43 1/2 x 16 in; 92.5 lb\$1,950

Model 104/2 3-Way Speaker

Two woofers, two midranges, one Ferrofluid-cooled tweeter. Subchassis for midranges and tweeter; twin coupled-cavity bass loading with metal rod connecting woofer magnets; bass duct below midranges and tweeter; dividing network with load matching elements to make impedance flat and resistive. Biwire/biamp terminals. Power handling 200 W; FR 35-20,000 Hz ±2 dB with KUBE 200; sens 92 dB SPL/W/m; imp 4 ohms. 11 x 35 1/2 x 16 1/2 in\$1,200
KUBE 200. EQ for above; extends FR down to 20 Hz\$400

Model 103/4 3-Way Speaker

4 drivers including two woofers and Uni-Q driver. Features twin coupled-cavity bass loading with metal rod connecting woofer magnets. Power handling 200 W; FR 50-20,000 Hz ±2.5 dB; sens 91 dB; imp 4 ohms. 8 1/2 x 35 1/2 x 12 in; 40 lb\$900

Model 102/2 2-Way Bookshelf Speaker

3 drivers including Uni-Q. Gold-plated biwire/biamp terminals. Magnetic shielding. Power handling 150 W; FR 50-20,000 Hz ±2.5 dB; sens 89 dB; imp 4 ohms. 8 1/2 x 19 1/4 x 10 1/2 in; 24.2 lb\$600

Model 100 2-Way Center-Channel Speaker

Vented design with 1-in Ferrofluid-cooled soft-dome

N E W

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tweeter within 6½-in woofer. Features twin-ported bass loading. Magnetic shielding. Power handling 175 W; FR 70-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Gray. 18 x 6½ x 6½ in; 11.5 lb ... \$500

Model 101/3 2-Way Bookshelf Speaker

Vented design with 2 drivers including Uni-Q. Gold-plated biwire/biamp terminals. Magnetic shielding. Power handling 150 W; FR 60-20,000 Hz ±2.5 dB; sens 87 dB; imp 4 ohms. Dimensions: 8½ x 13 x 10½ in; 15.8 lb ... \$400

Model 90 2-Way Center-Channel Speaker

Single-reflex design with ¾-in Ferrofluid-cooled soft-dome tweeter within 6½-in Uni-Q driver. Horizontal/vertical bracket mount. Magnetic shielding. Power handling 150 W; FR 80-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Gray. 15½ x 6¾ x 6¾ in; 8.6 lb ... \$380

Custom Series

Each features a paintable white finish.

CK200Q 2-Way In-Wall Speaker

1-in fluid-cooled dome tweeter within 8-in polypropylene Uni-Q woofer. Features polymer woofer surround; decoupled woofer-magnet assembly. Power handling 100 W; FR 45-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Mounting diameter 9½ in. Mounting depth 3¾ in ... \$595/pr

CR200F 2-Way In-Wall Speaker

8-in woofer, 1-in fluid-cooled soft-dome tweeter. Features tweeter-protection circuitry. Power handling 100 W; FR 55-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; impedance 4 ohms. 11¾ x 9½ in. Mounting depth 3½ in ... \$455/pr

CK160Q 2-Way In-Wall Speaker

¾-in fluid-cooled polyimide-dome tweeter within 6½-in polypropylene Uni-Q driver. Features tweeter-protection circuitry. Power handling 70 W; FR 60-17,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 4 ohms. 7¾-in round or square. Mounting depth 3½ in ... \$395/pr

CR250SW In-Wall Subwoofer

10-in driver. Power handling 150 W; FR 32-150 Hz ±2 dB; sens 90 dB SPL/W/m; imp 4 ohms. 11¾ x 11¾ in. Mounting depth 3½ in ... \$275

CK160F In-Wall Speaker

6½-in polypropylene dual-cone. Power handling 60 W; FR 60-15,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 7¾-in round or square. Mounting depth 3½ in ... \$220/pr

Q Series

Each of the following features magnetic shielding and, except for Q10, is available in a oak, black-ash, or gray finish.

Q70 3-Way Speaker

Bass-reflex design with two 6½-in woofers and ¾-in tweeter within 6½-in Uni-Q driver. Features 13-element crossover. Gold-plated biwire/biamp terminals. Power handling 175 W; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7½ x 40 x 10¾ in; 37.2 lb ... \$550

Q50 3-Way Speaker

6½-in woofer, 6½-in Uni-Q driver with ¾-in tweeter. Features 2 reflex ports. Gold-plated terminals. Power handling 150 W; FR 45-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 6 ohms. Dimensions: 7½ x 31½ x 10¾ in; 24.3 lb ... \$350

Q30 2-Way Speaker

Reflex-loaded design with ¾-in tweeter within 6½-in Uni-Q driver. Gold-plated terminals. Power handling 125 W; FR 50-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. 7½ x 26½ x 10¾ in; 20.5 lb ... \$250

Q10 2-Way Bookshelf Speaker

Reflex-loaded design with ¾-in tweeter within 6½-in Uni-Q driver. Gold-plated terminals. Power handling 100 W; FR 60-20,000 Hz ±3 dB; sens 88 dB SPL/W/m.

imp 6 ohms. Black-ash or gray finish. 7½ x 10¾ x 9½ in; 10.6 lb ... \$150

KENWOOD

SW-700 Powered Subwoofer

48-W amp. Magnetic shielding; super-subsonic bass switch; bass-boost switch; phase-reverse switch; level control; illumination switch; remote control. Crossover point at 60, 90, or 120 Hz ... \$399

SW-300 Powered Subwoofer

Bass-reflex design with 10-in driver; 100-W amp. Phase switch; output-level control; auto turn-on/off. Crossover point variable from 50-200 Hz. 15¾ x 15¾ x 15¾ in ... \$399

SW-100 Subwoofer

Bass-reflex design with 12-in driver. Power handling 150 W max. 19¼ x 19¼ x 16 in ... \$199

KS-H52 3-Way Bookshelf Speaker

Bass-reflex design with 12-in woofer, 5-in midrange, 2-in tweeter. Power handling 160 W max; FR 40-20,000 Hz. Black. 14¾ x 26¾ x 12¾ in ... \$180/pr

AS-7 Powered Mini Speaker System

2 speakers; 5-W/Ch amp. 2 selectable line-level inputs; line-level subwoofer output. Magnetic shielding; presence mode ... \$129

AS-5. As above, 3-W/Ch amp; no presence ... \$99

KS-H72 3-Way Speaker

Bass-reflex design with 12-in woofer, 5-in midrange, 2-in tweeter. Power handling 160 W max; FR 35-20,000 Hz. Black. 14¾ x 36¾ x 12¾ in ... \$100

KS-H32 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in woofer and 2-in tweeter. Power handling 100 W max; FR 50-20,000 Hz. Black. 12¾ x 22¾ x 9 in ... \$100/pr

RS-05 Surround Speaker

Acoustic-suspension design with 4-in driver. Wall mountable. Includes table-stand bracket. Power handling 40 W max; FR 80-20,000 Hz; sens 90 dB SPL/W/m. White. 11 x 7¾ x 2½ in ... \$99/pr

LSK-06B/K Surround Speaker

Acoustic-suspension design with 4-in driver. Features pentagonal cabinet with 90° angle for corner placement. Includes wall-mount bracket. Power handling 40 W; FR 80-20,000 Hz; sens 90 dB SPL/W/m; Black or woodgrain finish. 7¾ x 10¾ x 5¾ in ... \$69/pr

LSK-02B/K Surround Speaker

Acoustic-suspension design with 4-in driver. Includes wall-mount bracket. Power handling 40 W max; FR 80-20,000 Hz; sens 90 dB SPL/W/m. Black or woodgrain finish. 5½ x 7½ x 5 in ... \$49/pr

KINERGETICS

SW-800 Subwoofer System

Two towers, each with five 10-in drivers; outboard active crossover. Features proprietary speaker-control circuit. Variable crossover point and slopes ... \$3,995

SW-150 THX Powered Subwoofer

15-in down-firing driver; 200-W amp. Features THX certification; proprietary drive-control circuit ... \$1,595

SW-120 Powered Subwoofer

12-in down-firing driver; 150-W amp. Features crossover; proprietary drive-control circuit ... \$1,295

SW-102. As above, 10-in driver, 100-W amp ... \$995

SW-101 In-Wall Powered Subwoofer

10-in driver; 200-W amp. Features crossover; proprietary drive-control circuit. Amplifier capability for 4 parallel speakers ... \$500

KINETIC AUDIO

Purist Series

The following feature rounded sides, liquid tweeter

cooling/damping, cross-vented magnet structures, a linear-phase driver arrangement in mirror-image pairs, front-panel fuse protection, level controls, an oak- or walnut-veneer cabinet, and a 3-yr limited warranty.

Nonpareil 6-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1½-in dome tweeter, 1-in supertweeter. Gold-plated 5-way biwire/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 60, 90, 180, 500, 750, 4,000, 5,000, 7,000, and 9,000 Hz; FR 12-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 14½ x 60 x 22 in; 265 lb ... \$10,000/pr

Ethereal 4-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1-in dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 90, 180, 500, 750, 7,000, and 9,000 Hz; FR 16-22,000 Hz ±2 dB; imp 6 ohms. 14½ x 54 x 20 in; 185 lb ... \$7,000/pr

Refined Plus 4-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midrange, 2-in midtweeter, 1-in dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 90, 180, 750, 1,000, 7,000, and 9,000 Hz; FR 18-22,000 Hz ±2 dB; imp 8 ohms. 14½ x 48 x 16 in; 120 lb ... \$5,000/pr

Inversion 3-Way Speaker

12-in mineral-filled polymer-cone woofer, 2-in dome midrange, 1-in titanium-dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Power handling 200 W max; selectable crossover points 750, 1,000, 7,000, and 9,000 Hz; FR 18-22,000 Hz ±2 dB; sens 92 dB SPL/W/m; imp 8 ohms. 14½ x 40 x 14½ in; 95 lb ... \$3,000/pr

Exception 2-Way Speaker

Vented design with 8-in mineral-filled polymer-cone woofer and 1½-in dome tweeter. Gold-plated 5-way biwire/biamp binding posts. Power handling 100 W max; selectable crossover points 1,800 and 2,800 Hz; FR 38-22,000 Hz ±2 dB; sens 93 dB SPL/W/m; imp 8 ohms. 10 x 26 x 10 in; 45 lb ... \$2,000/pr

Original (Audiophile) Series

The following feature a linear-phase driver arrangement in mirror-image pairs, rubber woofer surrounds, an oak- or walnut-veneer cabinet, and a 2-yr limited warranty.

Standard (Titan Trapezium) 6-Way Speaker

Vented design with two 12-in mineral-filled polymer-cone woofers, one 6½-in mineral-filled polymer-cone midbass, one 2-in dome midrange, one 1½-in dome tweeter, and one ¾-in dome supertweeter. Features cross-vented magnet structures. Gold-plated 5-way biwire/biamp binding posts. Power handling 200 W max; crossover points 60, 90, 500, 3,000, and 7,000 Hz; FR 12-22,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 6 ohms. 18 x 60 x 22 in; 265 lb ... \$8,000/pr

Trapezium 5-Way Speaker

Vented design with 12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midrange, 2-in dome midtweeter, 1½-in dome tweeter, and ¾-in dome supertweeter. Features liquid tweeter cooling/damping. Biamp/biwire terminals. Level controls. Power handling 200 W max; crossover points 90, 750, 3,500, and 9,000 Hz; FR 12-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 16 x 60 x 20 in; 250 lb ... \$6,500/pr

Labyrinth 4-Way Speaker

Vented design with 12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midrange, 2-in dome tweeter, and 1½-in synthetic-dome tweet-



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er. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 180, 750, and 7,000 Hz; FR 16-22,000 Hz ± 2 dB; sens 90 dB SPL/W/m; imp 6 ohms. Dimensions: 16 x 48 x 18 in; 185 lb\$5,000/pr

Trapezoid 4-Way Speaker

Vented design with 12-in mineral-filled polymer-cone woofers, 6 $\frac{1}{2}$ -in mineral-filled polymer-cone midrange, 1 $\frac{1}{2}$ -in dome tweeter, and $\frac{3}{4}$ -in dome supertweeter. Features liquid tweeter cooling/damping. Biamp/biwire terminals. Level controls. Power handling 200 W max; crossover points 180, 2,000, and 9,000 Hz; FR 18-22,000 Hz ± 2 dB; sens 91 dB SPL/W/m; imp 8 ohms. 16 x 40 x 14 $\frac{1}{2}$ in\$3,500/pr

Identity (Impulse) 3-Way Speaker

Vented design with 12-in mineral-filled polymer-cone woofer, 6 $\frac{1}{2}$ -in mineral-filled polymer-cone midrange, and 1 $\frac{1}{2}$ -in dome tweeter. Features liquid tweeter cooling/damping; cross-vented magnet structures. Biamp/biwire terminals. Level controls. Power handling 200 W max; crossover points 180 and 2,000 Hz; FR 18-22,000 Hz ± 2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. 14 $\frac{1}{2}$ x 26 x 14 $\frac{1}{2}$ in\$2,000/pr

Stat Miniature Monitor 2-Way Bookshelf Speaker

Vented design with 6 $\frac{1}{2}$ -in mineral-filled polymer-cone woofer and 1 $\frac{1}{4}$ -in dome tweeter. Features liquid tweeter cooling/damping; cross-vented magnet structures. Biamp/biwire terminals. Level control. Power handling 100 W max; crossover point 2,000 Hz; FR 38-22,000 Hz ± 2.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. 9 x 15 x 9 in\$1,500/pr

Consumer Series

The following are available with rounded or square sides and veneered panels. Each features a 1-yr limited warranty.

Trapezoid Subwoofer

12-in mineral-filled polypropylene driver. Features dual voice coils; 180-Hz passive crossover with woofer-bypass terminals. Gold-plated 5-way biwire/biamp binding posts. Power handling 350 W max; FR 16-2,000 Hz ± 2 dB; sens 92 dB SPL/W/m; imp 2, 4, or 8 ohms. Walnut- or oak-veneer enclosure with black grille. 16 x 40 x 14 in; 110 lb\$1,500/pr Utility finish without grille\$900/pr

Stat Subwoofer

Ported design with 12-in mineral-filled dual-voice-coil polypropylene driver. Features 180-Hz crossover with woofer-bypass terminals. Gold-plated 5-way biwire/biamp binding posts. Power handling 350 W max; FR 18-2,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 2, 4, or 8 ohms. Walnut- or oak-veneer enclosure with black grille. 14 $\frac{1}{2}$ x 26 x 14 in; 85 lb\$900/pr Utility finish without grille\$700/pr

Basic (Mega-Sine) 2-Way Speaker

Adjustable open- or closed-vent design with 12-in mineral-filled polymer woofer and 1-in dome tweeter. Power handling 150 W max; crossover point 2,000 Hz; FR 30-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Oak veneer finish. Dimensions: 14 $\frac{1}{2}$ x 25 x 12 in\$799/pr

Basic Tower (Simulator). As above, 14 $\frac{1}{2}$ x 38 x 12 in\$1,199/pr

Nouveau 2-Way Bookshelf Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Features rubber woofer surround; tweeter cooling and damping; replaceable voice-coil dome diaphragm; flush driver mounting. Power handling 100 W max; crossover point 2,500 Hz; FR 38-20,000 Hz ± 2.5 dB; sens 92 dB SPL/W/m; imp 6 ohms. Oak-veneer finish. 10 x 16 x 8 in; 38 lb\$499/pr

Micro-Stat 2-Way Bookshelf Speaker

Adjustable or closed vent design with 6 $\frac{1}{2}$ -in mineral-filled polymer woofer. Designed for home theater or subwoofer/satellite systems. Features rubber woofer surround; flush driver mounting. Power handling 80 W max; crossover point 2,500 Hz; FR 48-20,000 Hz

± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Oak veneer finish. 8 x 12 x 7 in; 25 lb\$499/pr

Architectural In-Wall Speakers

Rex 3-Way In-Wall Speaker

12-in mineral-filled polymer-cone woofer, 2-in midrange, 1 $\frac{1}{4}$ -in dome tweeter. Features magnetic-liquid tweeter cooling/damping; cross-vented magnet structures; linear-phase driver arrangement in mirror-image pairs. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 750 and 7,000 Hz; FR 18-22,000 Hz ± 2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. 13 x 24 x 7 in\$900/pr

Stat In-Wall Subwoofer

12-in mineral-filled dual-voice-coil polymer-cone driver. Features 180-Hz passive crossovers with bypass terminals. Power handling 150 W max; FR 20-20,000 Hz ± 2.5 dB; sens 91 dB SPL/W/m; imp 2, 4, or 8 ohms. Several colors available. 15 lb\$500/pr

Stat 2-Way In-Wall Speaker

8-in mineral-filled polymer-cone woofer, 1-in dome tweeter. 6 $\frac{1}{2}$ -in driver version available via special order. Features magnetic-liquid cooling/damping; 30-oz magnet replaceable voice-coil dome diaphragm; film capacitors; air-core coils; nonresonant 1-in-thick baffle/panel. Level control. Power handling 100 W max; crossover point 2,000 Hz; FR 36-20,000 Hz ± 2.5 dB; sens 90 dB; imp 8 ohms. Several colors available. 9 x 14 x 3 $\frac{1}{2}$ in; 14 lb\$499/pr

KLH

HT-3 Home Theater System

Subwoofer with two 5 $\frac{1}{4}$ -in fiber drivers; two satellites, each with 4 $\frac{1}{2}$ -in fiber woofer and $\frac{3}{4}$ -in Ferrofluid-cooled tweeter; one center-channel speaker with two 4 $\frac{1}{2}$ -in dual-cones; two surround speakers, each with 6 $\frac{1}{2}$ -in polypropylene woofer and 1-in dome tweeter. Features subwoofer overload protection. Magnetic satellite, center-channel, and surround shielding. Power handling 175 W max subwoofer and satellites, 100 W center channel, 120 W surrounds; FR 50-20,000 Hz subwoofer and satellites, 90-20,000 Hz center channel, 50-22,000 Hz surrounds; imp 6 ohms subwoofer and satellites, 8 ohms center channel and surrounds. Subwoofer 7 $\frac{1}{4}$ x 11 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in. Satellites 4 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in. Center channel 16 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in. Surrounds 9 x 15 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in. Black\$599

KLH Series 82T 3-Way Speaker

Vented tuned-port design with two 7 $\frac{1}{4}$ -in polypropylene woofers, one 3-in soft-dome midrange, and one 1-in dome tweeter. Features cast woofer frames. Power handling 250 W max; crossover points 200, 800, and 4,000 Hz; FR 35-20,000 Hz; sens 87 dB; imp 6 ohms. Simulated-oak or black-grain finish. 9 x 38 x 11 $\frac{1}{4}$ in; 47 lb\$500

KLH Series 62T. As above, 5 $\frac{1}{4}$ -in cone midrange\$300

HT-2 Home Theater System

Band-pass subwoofer with two 5 $\frac{1}{4}$ -in drivers; two satellites, each with 4 $\frac{1}{2}$ -in fiber woofer and $\frac{3}{4}$ -in Ferrofluid-cooled tweeter; one center-channel speaker with two 4 $\frac{1}{2}$ -in dual-cones; two surround speakers, each with 4-in polypropylene woofer, 2-in dome midrange, $\frac{3}{4}$ -in dome tweeter. Features subwoofer overload protection. Magnetic satellite and center-channel shielding. Power handling 175 W subwoofer and satellites, 100 W center channel, 40 W surrounds; FR 50-20,000 Hz subwoofer and satellites, 90-20,000 Hz center channel and surrounds; imp 6 ohms subwoofers and satellites, 8 ohms center channel and surrounds. Subwoofer 11 $\frac{1}{4}$ x 7 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in. Satellites 4 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in. Center channel 16 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in. Surrounds 5 $\frac{1}{4}$ x 7 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in. Black\$399

Model 610/66 Subwoofer/Satellite System

Subwoofer with two 6 $\frac{1}{2}$ -in polymer drivers; two satellites, each with 4-in woofer and 1-in soft-dome tweeter. Features subwoofer overload protection. Power handling 225 W max; FR 45-20,000 Hz; imp 6 ohms. Black. Subwoofer 9 $\frac{1}{4}$ x 11 $\frac{1}{4}$ x 19 in. Satellites 4 $\frac{1}{4}$ x 7 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in\$350

Performance SX-9 3-Way Speaker

Tuned-port design with 15-in polymer woofer, 5 $\frac{1}{4}$ -in cone midrange, and 1-in Ferrofluid-cooled tweeter. Power handling 300 W max; crossover points 800 and 3,000 Hz; FR 25-20,000 Hz; sens 94 dB; imp 6 ohms. Simulated-oak or black-grain finish. 18 x 33 x 11 in; 61 lb\$350

Performance SX-8. As above, 12-in woofer. Power handling 200 W max; FR 29-20,000 Hz; sens 92 dB. 16 x 30 11 in; 44 lb\$300

HT-1 Home Theater System

Band-pass subwoofer with two 5 $\frac{1}{4}$ -in fiber drivers; two satellites, each with 4 $\frac{1}{2}$ -in fiber woofer and $\frac{3}{4}$ -in Ferrofluid-cooled tweeter; one center-channel speaker with two 4-in dual-cones; two surround speakers, each with one 4-in dual-cone. Features subwoofer overload protection. Magnetic center-channel shielding. Power handling 175 W max subwoofer and satellites, 50 W max center channel and surrounds; FR 50-20,000 Hz subwoofer and satellites, 90-20,000 Hz center channel and surrounds; imp 6 ohms subwoofer and satellite, 8 ohms center channel and surrounds. Black. Subwoofer 11 $\frac{1}{4}$ x 7 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in. Satellites 4 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 5 $\frac{1}{2}$ in. Center channel 11 $\frac{1}{4}$ x 4 $\frac{1}{4}$ x 6 $\frac{1}{4}$ in. Surrounds 6 x 6 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in\$349

KLH Series 81 2-Way Bookshelf Speaker

Vented tuned-port design with 8-in polymer-fiber cone woofer and 1-in Ferrofluid-cooled polymer-dome tweeter. Gold-plated 5-way binding posts. Power handling 130 W max; crossover point 1,300 Hz; FR 30-20,000 Hz; sens 87 dB; imp 8 ohms. Simulated-oak or black-grain finish. 10 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 11 $\frac{1}{4}$ in; 21 lb\$325/pr

Callbre 3-970 Subwoofer/Satellite System

Subwoofer with two 6 $\frac{1}{2}$ -in polymer drivers; two satellites, each with 4-in polypropylene woofer, 2-in midrange, $\frac{3}{4}$ -in dome tweeter. Features subwoofer overload protection. Power handling 200 W max; FR 45-20,000 Hz; imp 6 ohms. Black. Subwoofer 8 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in. Satellites 5 $\frac{1}{4}$ x 9 x 5 $\frac{1}{2}$ in\$300

Model 520 Subwoofer/Satellite System

Subwoofer with two 5 $\frac{1}{4}$ -in drivers; two satellites, each with 4 $\frac{1}{2}$ -in fiber woofer and Ferrofluid-cooled $\frac{3}{4}$ -in tweeter. Features subwoofer overload protection. Magnetic satellite shielding. Power handling 175 W max; FR 50-20,000 Hz; imp 6 ohms. Subwoofer 7 $\frac{1}{4}$ x 11 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in. Satellites 4 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 4 $\frac{1}{4}$ in\$275

CS-2503. As above, satellites not shielded\$225

V-354 2-Way Center-Channel Speaker

Four 5-in polypropylene woofers, 1-in titanium-dome tweeter. Magnetic shielding. Power handling 175 W max; crossover points 700, 1,900, and 3,000 Hz; FR 100-20,000 Hz; sens 87 dB; imp 8 ohms. Black. 25 x 6 $\frac{1}{2}$ x 8 in\$250

Model 5050 2-Way Center-Channel Speaker

Sealed design two 4 $\frac{1}{2}$ -in woofers and one $\frac{3}{4}$ -in dome tweeter. Magnetic shielding. Power handling 100 W max; FR 60-22,000 Hz; sens 88 dB; imp 8 ohms. Black. 16 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$169

Model 610 2-Way Outdoor Speaker

4-in woofer, 1-in dome tweeter. Features aluminum cabinet. Crossover point 2,800 Hz; FR 80-20,000 Hz; sens 85 dB; imp 7 ohms. Black. 5 x 7 x 5 in; 4.5 lb\$149/pr

Model 4545 Center-Channel Speaker

Sealed design with two 4 $\frac{1}{2}$ -in dual-cones. Magnetic shielding. Power handling 100 W max; FR 90-20,000 Hz; sens 88 dB; imp 8 ohms. Black. 16 $\frac{1}{4}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$130

Model 42 2-Way Center-Channel Speaker

Ported design with two 4 $\frac{1}{2}$ -in woofers and one $\frac{3}{4}$ -in polycarbonate-dome tweeter. Magnetic shielding. Black. Power handling 100 W max; FR 60-20,000 Hz; sens 86 dB; imp 8 ohms. 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in\$99

Model 970A 3-Way Outdoor Speaker

4-in woofer, 2-in cone midrange, $\frac{3}{4}$ -in dome tweeter.

S P E A K E R S

Features polystyrene cabinet. Crossover points 300 and 7,000 Hz; FR 90-20,000 Hz; imp 8 ohms. Black. 5 x 7 x 5 in; 2 lb\$50/pr

Video Series

V-210 Powered Subwoofer

Vented down-firing design with 10-in long-throw polymer-coated driver; 120-W amp. Features Class D amplifier. Line- and speaker-level inputs. Volume and phase controls. Crossover point selectable at 85 or 120 Hz; FR 25-120 Hz. Black textured-vinyl finish. 16 1/4 x 14 1/2 x 15 1/2 in\$599

V-41 2-Way Speaker

Four 5-in polypropylene woofers, 1-in Ferrofluid-cooled aluminum-dome tweeter. Magnetic shielding. Power handling 175 W max; crossover points 700, 1,900, and 3,000 Hz; FR 100-20,000 Hz; sens 86 dB; imp 8 ohms. Black textured-vinyl finish. 6 1/2 x 40 x 8 in\$350

V-354 2-Way Center-Channel Speaker

Four 5-in polypropylene woofers, 1-in titanium-dome tweeter. Magnetic shielding. Power handling 175 W max; crossover points 700, 1,900, and 3,000 Hz; FR 100-20,000 Hz; sens 87 dB; imp 8 ohms. Black textured-vinyl finish. 25 x 6 1/2 x 8 in\$250

V-01 2-Way Surround Speaker

Ported single-point dipole design with two 8-in polypropylene woofers and two 1-in Ferrofluid-cooled polycarbonate-dome tweeters. 4 gold-plated 5-way binding posts. Power handling 100 W max; crossover point 1,800 Hz; FR 100-20,000 Hz; sens 90 dB; imp 8 ohms. 5-yr warranty. Black textured-vinyl finish. 15 1/4 (base) x 16 1/2 x 10 1/2 in\$200

KLIPSCH

Klipschorn 3-Way Speaker

Horn-loaded design. Power handling 100 W; FR 35-17,000 Hz \pm 3 dB; sens 104 dB SPL/W/m; imp 8 ohms. 31 1/4 x 52 x 28 1/2 in; 167 lb\$2,000/pr

KTSW Powered Subwoofer

Bass-reflex design with 15-in subwoofer and 15-in passive radiator; amp rated at 200 W x 1 cont avg; imp 4 ohms. Magnetically shielded. Features line-level input/output. 26 x 18 1/2 x 19 1/2 in; 82 lb\$1,700

Belle Klipsch 3-Way Speaker

Horn-loaded design. Power handling 100 W; FR 45-17,000 Hz \pm 5 dB; sens 104 dB SPL/W/m; imp 8 ohms. 30 1/4 x 35 1/2 x 18 1/2 in\$1,500/pr

La Scala. As Belle Klipsch, in natural-blrch, stained-birch, or black finish. 23 1/4 x 35 1/2 x 24 1/2 in\$978/pr

SW-15 Powered Subwoofer

Bass-reflex design with 15-in subwoofer and 15-in passive radiator; amp rated at 200 W x 1 cont avg; imp 8 ohms. Features line-level input/output. 26 x 18 1/2 x 19 1/2 in; 82 lb\$1,500

SW-12 Powered Subwoofer

Bass-reflex design with 12-in subwoofer and 12-in passive radiator; amp rated at 150 W x 1 cont avg; imp 8 ohms. Features line-level input/output. 23 1/2 x 15 1/2 x 16 1/2 in; 60 lb\$1,000

Chorus II 3-Way Speaker

Vented design with 15-in subwoofer, horn midrange, and horn tweeter. Features built-in riser base. Power handling 100 W; FR 39-20,000 Hz \pm 3 dB; sens 101 dB SPL/W/m; imp 8 ohms. Dimensions: 18 1/2 x 39 x 15 1/2 in; 89 lb\$895/pr

SW-10 Powered Subwoofer

Bass-reflex design with 10-in subwoofer and 12-in passive radiator; amp rated at 100 W x 1 cont avg; imp 8 ohms. Features line-level input/output. 21 1/4 x 14 x 15 1/2 in; 43 lb\$750

KT-TDSW 2-Way Surround Speaker

Infinite baffle design with two 6 1/2-in woofers, two 1-in woofers in dipole configuration. Power handling 100 W; crossover point 2,800 Hz; 100-20,000 Hz \pm 3 dB;

sens 91 SPL/W/m; imp 8 ohms. 13 x 9 1/4 x 9 1/4 in; 17 lb. Wood finish\$700/pr
KT-TDSV. As KT-TDSW, vinyl finish\$650/pr

Forte II 3-Way Speaker

Vented design with 15-inch subwoofer, horn midrange, and horn tweeter. Features built-in riser base. Power handling 100 W; FR 32-20,000 Hz \pm 3 dB; sens 99 dB SPL/W/m; imp 8 ohms. 16 1/2 x 35 1/2 x 12 1/4 in; 56 lb\$649/pr

SW-8 Powered Subwoofer

Bass-reflex design with 8-in subwoofer and 10-in passive radiator; amp rated at 65 W x 1 cont avg; imp 8 ohms. Features line-level input/output. 18 1/2 x 13 1/4 x 14 in; 36 lb\$550

Quartet 3-Way Speaker

Vented design with 12-in woofer, horn midrange, horn tweeter, and 12-in passive radiator. Features built-in riser base. Power handling 100 W; FR 38-20,000 \pm 3 dB; sens 97.5 dB SPL/W/m; imp 8 ohms. 15 1/2 x 31 1/2 x 12 1/4 in; 52 lb\$525/pr

KT-LCR Front/Center 2-Way Speaker

Infinite baffle design with two 6 1/2-in woofers, horn tweeter. Magnetically shielded. Power handling 100 W; crossover point 2,400 Hz; FR 65-20,000 Hz \pm 3 dB; sens 95 SPL/W/m; imp 8 ohms. 23 1/4 x 11 x 12 1/4 in; 31 lb\$500

Heresy II 3-Way Speaker

Sealed design with 12-in woofer, horn-loaded compression midrange, and tweeter. Power handling 100 W; FR 50-20,000 Hz \pm 3 dB; sens 96 SPL/W/m; imp 8 ohms. 15 1/2 x 21 1/2 x 13 1/4 in; 37 lb\$465/pr

KG-5.5 2-Way Speaker

Bass-reflex design with two 10-in woofers, horn tweeter. Power handling 100 W; FR 36-20,000 Hz \pm 3 dB; sens 95 SPL/W/m; imp 8 ohms. 37 1/2 x 12 1/4 x 17 1/2 in; 69 lb\$450/pr

KV3 2-Way Center-Channel Speaker

Vented design with two 6 1/2-in woofers, horn tweeter. Power handling 75 W; FR 63-20,000 Hz \pm 3 dB; sens 95 dB SPL/W/m; imp 8 ohms. Dimensions: 7 1/2 x 22 1/4 x 7 1/2 in; 17 lb\$400

KG-4.5 2-Way Speaker

Bass-reflex design with 10-in woofer, horn tweeter. Power handling 100 W; FR 36-20,000 Hz \pm 3 dB; sens 95 SPL/W/m; imp 8 ohms. Dimensions: 37 1/2 x 12 1/4 x 12 1/4 in; 54 lb\$375/pr

KG-3.5 2-Way Speaker

Bass-reflex design with 8-in woofer, horn tweeter. Power handling 100 W; FR 34-20,000 Hz \pm 3 dB; sens 94 SPL/W/m; imp 8 ohms. Dimensions: 33 1/2 x 10 1/2 x 11 1/2 in; 39 lb\$300/pr

KV2 2-Way Center-Channel Speaker

Vented design with two 5 1/2-in woofers, horn tweeter. Power handling 75 W; FR 75-20,000 Hz \pm 3 dB; sens 92 SPL/W/m; imp 8 ohms. 6 1/2 x 20 x 6 1/2 in\$250

IW 200 2-Way In-Wall Speaker

6 1/2-in woofers, horn tweeter. Power handling 75 W; crossover point 2,200 Hz; FR 40-20,000 Hz \pm 3 dB; sens 93 SPL/W/m. 8 1/2 x 19 1/2 x 3 1/2 in\$235/pr

KG-2.5 Bookshelf 2-Way Speaker

Bass-reflex design with two 6 1/2-in woofers, horn tweeter. Magnetic shielding optional. Power handling 75 W; crossover point 2,200 Hz; FR 50-20,000 Hz \pm 3 dB; sens 93 SPL/W/m; imp 8 ohms. 19 1/2 x 9 1/2 x 9 1/2 in; 19 1/2 lb\$225/pr

KV1 2-Way Center-Channel Speaker

Sealed design with two 5 1/2-in woofers, horn tweeter. Power handling 75 W; FR 85-20,000 Hz \pm 3 dB; sens 90 SPL/W/m; imp 8 ohms. Dimensions: 6 1/4 x 20 1/4 x 6 in; 14 1/2 lb\$200

KG-1.5 Bookshelf 2-Way Speaker

Bass-reflex design with 6 1/2-in woofer, horn tweeter.

Magnetic shielding optional. Power handling 50 W; crossover point 2,200 Hz; FR 50-20,000 Hz \pm 3 dB; sens 90 SPL/W/m; imp 8 ohms. 13 1/2 x 9 1/2 x 9 1/2 in; 15 lb\$175/pr

IW 100 2-Way In-Wall Speaker

6 1/2-in woofers, horn tweeter. Power handling 50 W; crossover point 2,200 Hz; FR 40-20,000 Hz \pm 3 dB; sens 90 SPL/W/m; imp 8 ohms. Dimensions: 8 1/2 x 12 1/2 x 3 1/2 in\$150/pr

KG-5 Bookshelf 2-Way Speaker

Bass-reflex design with 5 1/2-in woofer, horn tweeter. Power handling 50 W; crossover point 1,800 Hz; FR 60-20,000 Hz \pm 3 dB; sens 90 SPL/W/m; imp 8 ohms. 11 1/2 x 8 1/2 x 7 in; 10 lb\$125/pr

Eric Series

CF4 2-Way Speaker

Bass reflex design with two 12-in woofers, 2-in tweeter. Power handling 250 W; crossover point 1,400 Hz; FR 34-20,000 Hz \pm 3 dB; sens 102 SPL/W/m; imp 8 ohms. 44 x 17 x 18 1/2 in; 92 lb\$1,250/pr

CF3 2-Way Speaker

Bass reflex design with two 10-in woofers, 2-in tweeter. Power handling 200 W; crossover point 1,500 Hz; FR 35-20,000 Hz \pm 3 dB; sens 100 SPL/W/m; imp 8 ohms. 40 1/2 x 17 x 17 1/4 in; 80 lb\$1,000/pr

CF2 2-Way Speaker

Bass reflex design with two 8-in woofers, 2-in tweeter. Power handling 150 W; crossover point 2,100 Hz; FR 36-20,000 Hz \pm 3 dB; sens 98 SPL/W/m; imp 8 ohms. 37 x 13 x 16 in; 68 lb\$750/pr

CF1 2-Way Speaker

Bass reflex design with two 6 1/2-in woofers, 1-in tweeter. Power handling 100 W; crossover point 2,400 Hz; FR 37-20,000 Hz \pm 3 dB; sens 96 SPL/W/m; imp 8 ohms. 34 x 13 x 14 1/2 in; 56 lb\$550/pr

KNOLL

TC06 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 1-in soft-dome tweeter. Tweeter-level control. Power handling 60 W rms; FR 45-21,000 Hz; sens 90 dB. Paintable frame and grille\$230/pr

SR50 In-Wall Speaker

5-in full-range driver. Mount system with appearance of recessed lighting fixture. Power handling 40 W rms; FR 60-18,000 Hz; sens 91 dB. Paintable trim ring\$139

SP04 2-Way Speaker

4-in woofer. Includes swivel bracket. Power handling 40 W rms; sens 90 dB. Black or white\$130/pr

KOSS

M/85 2-Way Bookshelf Speaker

Two 4 1/2-in woofers, 1-in dome tweeter. Designed for home theater systems. FR 50-30,000 Hz; sens 86 dB SPL/W/m; Imp 6 ohms. Black\$190/pr

M/65 2-Way Bookshelf Speaker

Two 4 1/2-in woofers, 1-in dome tweeter. Designed for home theater systems. FR 100-30,000 Hz; sens 84 dB; imp 8 ohms. 4 1/2 x 8 1/2 x 5 1/2 in\$135/pr

SX/100 2-Way Powered Mini Speaker System

Two speakers, each with 4-in woofer and 1 1/2-in tweeter; 5-W/ch amp. Mic and headphone jacks. Input selector for 2 sources; magnetic shielding; bass and treble boost; volume control. Includes 12-V AC adaptor. FR 60-20,000 Hz\$100

SA/40 Powered Mini Speaker System

Two speakers, each with 3 1/2-in full-range driver. Features 3-band stereo EQ. Operates on 4 c batteries or 6-V power supply. Lifetime guarantee\$60

SX/50 Powered Mini Speaker System

Two speakers, each with 3 1/2-in driver; 4.5-W/ch amp.

S P E A K E R S

Mic and headphone jacks. Input selector for 2 sources; magnetic shielding; bass and treble boost; volume control. Operates on 6 C batteries. AC adaptor optional. FR 150-20,000 Hz\$50

SX 40 Mini Speaker System

Two speakers, each with 3½-in driver. Magnetic shielding. FR 150-20,000 Hz\$30

SX/30 Powered Mini Speaker System

Two speakers, each with 3-in driver; 1.5-W/ch amp. Magnetic shielding; bass and treble boost; volume control. Operates on 4 C batteries. AC adaptor optional. FR 170-20,000 Hz\$30

SX/20 Mini Speaker System

Two speakers, each with 3-in driver. Magnetic shielding. FR 170-20,000 Hz\$20

KCS Series

The following feature a tuned-port design, a foam woofer suspension, a 1-in woofer voice coil, an aluminum tweeter voice coil, 4-ohm impedance, a black-ash vinyl finish, and a 5-yr warranty.

KCS/200 2-Way Speaker

8-in polypropylene woofer, 1-in Ferrofluid-cooled polyimide-dome tweeter. Power handling 125 W max; FR 40-20,000 ±3 dB; sens 90 dB. 10 x 20½ x 11 in\$339

KCS/100 2-Way Bookshelf Speaker

6½-in polypropylene woofer, ¾-in Ferrofluid-cooled polyimide-dome tweeter. Power handling 100 W max; FR 60-20,000 ±3 dB; sens 86 dB. 8¼ x 15 x 8½ in\$279

KCS/50 2-Way Bookshelf Speaker

5-in polypropylene woofer, ¾-in Ferrofluid-cooled polyimide-dome tweeter. Power handling 75 W; FR 70-20,000 ±3 dB; sens 86 dB. 7 x 12 x 8½ in\$239

Hard Driver Series

The following feature a lifetime guarantee.

HD/1 Powered Mini Speaker System

Two speakers, each with 3-in driver. Designed for computers. Features magnetic shielding. Volume and bass-boost controls. Power handling 7.2 W max; FR 50-20,000 Hz. Beige\$40
HD/3. Above with HD/2 headphones\$60

HD/4 Powered Mini Speaker System

Two speakers, each with 3½-in driver. Designed for computers. Features magnetic shielding. 3-band EQ; volume control. Operates on 4 C batteries or 6-V DC. Power handling 7.2 W max; FR 50-20,000 Hz; sens 105 dB SPL/W/m. Beige\$60

HD/6 Powered Mini Speaker System

Two speakers, each with 4-in driver. Designed for computers. Features magnetic shielding. Auto turn-on/off; dynamic bass boost and volume controls. Operates on 4 C batteries or 6-V DC. Power handling 5 W max; FR 50-20,000 Hz; sens 105 dB SPL/W/m. Off-white\$10

LANCER

Video HTR 3-Way Bookshelf Speaker

Sealed design with two 4-in dual-voice-coil woofers and two ¾-in dome tweeters. Crossover points 250 and 4,000 Hz; FR 70-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. Dimensions: 8 x 7 x 6 in; 7 lb\$440/pr

LE-2sw Subwoofer

Vented design with 12-in driver. Crossover point 150 Hz; FR 30-150 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black oak finish. 19 x 24 x 17 in; 54 lb\$400

LE-110 3-Way Speaker

Vented design with 10-in woofer, 4-in cone midrange, and 1-in dome tweeter. Crossover points 800 and 4,000 Hz; FR 32-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. 15 x 26 x 12 in; 45 lb\$375

LE-1sw Subwoofer

Band-pass design with two 6½-in drivers. Features 3 chambers. Crossover point 160 Hz; FR 40-160 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black textured finish. 9 x 14 x 20 in; 35 lb\$250

LE-75 2-Way Speaker

Vented design with two 6½-in woofers and one 1-in dome tweeter. Crossover point 3,200 Hz; FR 42-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. 8 x 29 x 10 in; 30 lb\$250

Video HTF 2-Way Bookshelf Speaker

Sealed design with two 4-in woofers and two ¾-in dome tweeters. Features controlled vertical dispersion. Tweeter-level control. Crossover point 4,000 Hz; FR 80-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 6 x 8 x 15 in; 12 lb\$220

Video HTH 2-Way Bookshelf Speaker

Sealed design with two 4-in woofers and one 1-in dome tweeter. Features designed for horizontal placement. Tweeter-level control. Crossover point 4,000 Hz; FR 80-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black oak finish. 6 x 7 x 15 in; 11 lb\$200

LE-50B 2-Way Bookshelf Speaker

Vented design with 6½-in woofer and ¾-in dome tweeter. Crossover point 3,000 Hz; FR 49-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 9 x 8 x 14 in; 12 lb\$138

LE-25 2-Way Bookshelf Speaker

Vented design with 4-in woofer and ¾-in dome tweeter. Crossover point 3,500 Hz; FR 55-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 8 x 8 x 10 in; 7.5 lb\$110

L.A. ROCKER

The following resemble rocks and feature environmental protection.

CR Carlsbad Outdoor Speaker

Available in 2- or 3-way version. Brown or gray. 21 x 16 x 24 in; 70 lb\$900-\$992

EP El Paso Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 21 x 16 x 24 in; 64 lb\$708-\$798

RRP Reef Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Black, coral, or red. 16 x 11 x 17 in; 39 lb\$606-\$694

GRP Granite River Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Granite. 21 x 11 x 23 in; 40 lb\$606-\$694

MRP Mesa Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 16 x 10 x 23 in; 40 lb\$580-\$668

RR Reef Rock Outdoor Speaker

Available in 2- or 3-way version. Black, coral, or red. 16 x 11 x 17 in; 34 lb\$502-\$560

GR Granite River Rock Outdoor Speaker

Available in 2- or 3-way version. Granite. 21 x 11 x 23 in; 35 lb\$502-\$560

MR Mesa Rock Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 16 x 10 x 23 in; 35 lb\$477-\$528

LRP Little Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 14 x 10 x 16 in; 35 lb\$437-\$528

LR Little Rock Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 14 x 10 x 16 in; 30 lb\$320-\$380

RTL Rocker Trail Light Outdoor Speaker

Brown or gray. Halogen light-bulb illumination. 8 x 8 x 9 in\$206

LEGACY AUDIO

The following are available in hand-rubbed walnut, black-lacquer, oak, ribbon-mahogany, or rosewood finish and feature a 10-yr warranty.

Whisper 5-Way Powered Speaker

Four 15-in carbon-poly woofers, four 7-in Kevlar midranges, one 1¼-in metallized-dome tweeter, and one samarium-cobalt ribbon supertweeter; 400-W amp. Features active crossover; resin baffle. Tri-wire/triamp terminals. Motor-driven pedestal. Power handling 1,200 W; crossover points 55, 300, 4,000, and 12,000 Hz; FR 16-30,000 Hz; sens 96 dB. 16 x 69 x 14 in; 200 lb\$14,500

Focus 4-Way Speaker

Three 12-in carbon-poly woofers, two 7-in Kevlar midranges, one 1¼-in metallized dome tweeter, and one samarium-cobalt ribbon supertweeter. Features internal bracing; Cardas internal wiring; rolled-tambour front corners. Biwire/biamp terminals. Power handling 1,000 W max; crossover points 180, 2,800, and 12,000 Hz; FR 16-30,000 Hz; sens 98 dB. 16 x 55 x 14 in; 175 lb\$4,850/pr

Convergence 3-Way Speaker

Two 12-in carbon-poly woofers, two 6½-in polyglass midranges, and one 1-in aluminum-dome tweeter. Features dispersion lens; rolled-tambour front corners. Biwire/biamp terminals. Power handling 500 W max; crossover points 180 and 3,900 Hz; FR 20-25,000 Hz; sens 98 dB; imp 4 ohms. 16 x 50 x 14 in; 155 lb\$3,850/pr

Legacy Signature II 4-Way Speaker

Three 10-in carbon-poly woofers, two 6½-in poly midranges, one 1¼-in dome tweeter, and one ribbon supertweeter. Features bipolar response above 5,000 Hz; slot-loaded subwoofer. Biwire/biamp terminals. Power handling 400 W max; crossover points 80, 2,800, and 8,000 Hz; FR 20-30,000 Hz; sens 93.5 dB; imp 4 ohms. 12 x 48 x 12 in; 130 lb\$2,996/pr

Protege 2-Way Bookshelf Speaker

Two 6½-in polyglass woofers, 1-in aluminum-dome tweeter, and rear-firing aluminum-dome tweeter. Features phase plugs; dispersion lens. Biwire/biamp terminals. EQ control. Stand optional. Power handling 300 W cont avg; crossover point 3,500 Hz; FR 38-25,000 Hz; sens 96 dB; imp 4 ohms. 12 x 21 x 12 in; 60 lb\$2,296/pr

Legacy-1 4-Way Speaker

Two 10-in polypropylene woofers, 6½-in curvilinear poly midrange, 1¼-in metallized-dome tweeter, ribbon supertweeter, and rear-firing tweeter. Biwire/biamp terminals. Power handling 300 W cont avg; crossover points 120, 2,800, and 8,000 Hz; FR 22-30,000 Hz; sens 92 dB; imp 4 ohms. 12 x 44 x 12 in; 110 lb\$1,996/pr

Legacy-2 Plus 3-Way Speaker

10-in carbon-poly woofer, 6½-in curvilinear poly midrange, 1-in aluminum-dome tweeter, and rear-firing tweeter. Features Ferrofluid cooling. Gold-plated Tiffany binding posts. Power handling 200 W cont avg; crossover points 180 and 2,800 Hz; FR 28-22,000 Hz; sens 90.5 dB; imp 6 ohms\$1,448/pr

Legacy Powered Subwoofer

Three 12-in carbon-poly drivers; 200-W amp. Adjustable crossover point; level control. FR 16-100 Hz; sens 98 dB. 16 x 16 x 28 in; 130 lb\$1,296

Super Satellite 2-Way Bookshelf Speaker

Two 6½-in polypropylene woofers, 1-in aluminum-dome tweeter. Ferrofluid cooling. Gold-plated Tiffany binding posts. Power handling 200 W cont avg; crossover point 2,800 Hz; FR 38-22,000 Hz; sens 94.5 dB; imp 4 ohms. 11 x 19 x 10 in\$848/pr

SE Satellite 2-Way Bookshelf Speaker

7-in Kevlar cast-frame woofer, 1-in aluminum-dome tweeter. Features Ferrofluid cooling; phase-compensated crossover. Gold-plated Tiffany binding posts.

Power handling 200 W cont avg; crossover point 2,800 Hz; FR 40-22,000 Hz; sens 91.5 dB; imp 8 ohms. 11 x 13 x 10 in; 32 lb\$796/pr

Dual 12 Subwoofer

Two carbon-poly 12-in drivers. Features 6th-order Butterworth alignment. Mono/stereo operation; variable crossover frequency and slope. Power handling 500 W cont avg; FR 16-100 Hz; sens 91.5 dB; imp 8 ohms. 27 x 16 x 16 in; 100 lb\$796

Legacy Satellite 2-Way Bookshelf Speaker

6½-in magnesium-frame polypropylene woofer, 1-in aluminum-dome tweeter. Features Ferrofluid cooling. Gold-plated Tiffany binding posts. Power handling 150 W cont avg; crossover point 2,800 Hz; FR 42-22,000 Hz; sens 90 dB; imp 8 ohms. 11 x 13 x 10 in; 28 lb\$596/pr

Legacy Mini Monitor 2-Way Bookshelf Speaker

5¼-in cast-frame woofer, 1-in aluminum-dome tweeter. Features Ferrofluid cooling. Gold-plated Tiffany binding posts. Power handling 125 W cont avg; crossover point 2,200 Hz; FR 59-22,000 Hz; sens 90 dB; imp 6 ohms. 7 x 9 x 7 in; 16 lb\$458/pr

LINAEUM

Model 9B 3-Way Speaker System

2 compression subwoofers, each with two 10-in drivers in compressive-load configuration; 2 line-source panels, each with 9 Linaeum drivers and 8-in carbon-fiber coupling woofer. Passive crossover optional. Crossover points 80 and 200 Hz; FR 20-23,000 Hz; sens 85 dB SPL/W/m subwoofers, 94 dB SPL/W/m panels; imp 4 ohms subwoofers, 6 ohms panels. 5-yr warranty. High-gloss black finish; custom finish available. Subwoofers 14 x 74 x 14 in. Panels 16 x 74 x 8 in. 920 lb\$15,850
With passive crossover\$16,750

Model 3 3-Way Speaker

Slot-loaded cabinet design with one 10-in woofer, two midranges, and one tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover points 450 and 15,000 Hz; FR 25-30,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 5-yr warranty. High-gloss black finish. 14 x 44 x 19 in; 83 lb\$4,800/pr

Model 1 2-Way Speaker

Ported design with 8-in carbon-fiber woofer and Linaeum tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 600 Hz; FR 35-23,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. High-gloss black finish. 10½ x 43 x 9 in; 59 lb\$2,500/pr

LFX/C 2-Way Bookshelf Speaker

Ported design with 5¼-in polypropylene woofer and dipole tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 2,700 Hz; FR 70-30,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black pearl Corian finish. 6½ x 10 x 7 in; 13.5 lb\$1,200/pr

LS2 2-Way Speaker

Ported design with 8-in woofer, Linaeum tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 600 Hz; FR 35-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Black-ash finish. 10½ x 43 x 9 in; 56 lb\$895/pr

LFX/S 2-Way Bookshelf Speaker

Ported design with 5¼-in polypropylene woofer and dipole tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 2,700 Hz; FR 70-30,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black-ash finish. Dimensions: 6½ x 10 x 7 in; 8.5 lb\$600/pr

Extreme 2-Way Bookshelf Speaker

Ported design with 7-in woofer and Linaeum tweeter. Features 6-dB/oct crossover slopes. Crossover point 3,000 Hz; FR 60-30,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black-ash finish. 9 x 14 x 7 in; 15 lb\$300/pr

LINN

Keltik 3-Way Speaker

Infinite-baffle design with two 6½ x 9½-in oval woofers, 5-in dome midrange, and ¾-in ceramic-dome tweeter. Features sculptured front baffle; active crossover; internal cabinet bracing; stabilizing internal and external veneers; steel stand. Black-ash or walnut finish; custom finish available. FR 20-20,000 Hz ±2 dB. 10¼ x 41½ x 14½ in\$8,995/pr

Kaber 3-Way Speaker

Infinite-baffle design with two 5-in carbon-loaded woofers and ¾-in ceramic-dome tweeter. Features external active crossover; granite-composite stand; internal mineral absorbents; stabilizing veneers. Biwire/triwire terminals. Black-ash or walnut finish; custom finish available. FR 40-20,000 Hz ±2 dB; sens 87 dB SPL/W/m. 7¼ x 36 x 11¼ in\$3,720/pr
Above with built-in passive crossover. FR 60-20,000 Hz ±3 dB\$2,595/pr

Keilidh 2-Way Speaker

Infinite-baffle design with two 6½-in carbon-filled polypropylene woofers and ¾-in ceramic-dome tweeter. Features active crossover; stabilizing veneers; internal mineral absorbents; low magnetic field for use with video. Biwire/biamp terminals. Internal high-frequency level adjustment. Black-ash or walnut finish; custom finish available. FR 45-20,000 Hz ±3 dB; sens 87 dB SPL/W/m. 8 x 33 x 11 in \$2,245
Above with passive crossover. FR 65-20,000 Hz ±3 dB\$1,295/pr

Tukan 2-Way Bookshelf Speaker

Infinite-baffle design with 5-in woofer and ¾-in ceramic-dome tweeter. Features external active crossover; stabilizing veneers; internal mineral absorbents. Biwire/biamp terminals. FR 70-20,000 Hz ±3 dB. Black-ash or walnut finish; custom finish available. 7½ x 12 x 7½ in\$1,700/pr
Above with built-in passive crossover. FR 80-20,000 Hz ±3 dB\$750/pr

Index 2-Way Bookshelf Speaker

Infinite-baffle design with 6½-in carbon-loaded woofer and ¾-in polyimide-dome tweeter. Features internal mineral absorbents. Black-ash vinyl finish. 8½ x 17½ x 9½ in\$595/pr

MACH 1 ACOUSTICS

The following are infinite-baffle designs.

DM-1000 5-Way Speaker System

15- and 10-in woofers, two 5-in midrange cones, two ½-in inverted ceramic dome tweeters and 3-in ribbon tweeter. Features electronic crossover and amplification. FR 20-40,000 Hz ±3 dB; sens 88 dB SPL/W/m. Custom finish and grille. Four pieces\$149,995

DM-100 4-Way Speaker

Two 10-in woofers, two 5-in midrange cones, two ½-in inverted ceramic dome tweeters and 3-in ribbon tweeter. FR 30-40,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 2/4 ohms. Custom finish and grille. 12 x 48 x 16 in; 72.5 lb\$18,995/pr

DM-10 Signature 3-Way Speaker

10-in woofer, 5-in midrange cone and 1-in inverted ceramic dome tweeter. FR 30-40,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 4/8 ohms. Custom finish and grille. 12 x 48 x 16 in; 67.5 lb\$10,995/pr

DM-10 3-Way Speaker

9-in woofer, 4-in inverted midrange dome and 1-in inverted ceramic dome tweeter. FR 40-40,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 3/6 ohms. Custom finish and grille. 11 x 44 x 14 in; 55 lb\$7,995/pr

M-Four.Five 4-Way Speaker

Two 10-in woofers, two 5-in midrange cones, two 1-in and one 2½-in silk dome planar tweeters. FR 30-35,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 2/4 ohms. Oiled walnut or cherry finish with black knit grille. 12 x 48 x 16 in; 62.5 lb\$5,995/pr

DM-5 2-Way Bookshelf Speaker

5-in woofer and 1½-in inverted ceramic dome tweeter. FR 80-25,000 Hz ±3 dB; sens 88 dB SPL/W/m. Custom finish and grille. 8 x 12 x 9 in\$3,495/pr

M-Three 3-Way Speaker

10-in woofer, 5-in midrange cone and 1-in silk dome tweeter. FR 30-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 4/8 ohms. Oiled walnut or cherry finish with black knit grille. 12 x 48 x 16 in; 55 lb\$3,495/pr

M-Two.Five 2-Way Speaker

6½-in woofer and 1-in silk dome tweeter in D'Appolito configuration. FR 70-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 3/6 ohms. Black finish with black knit grille. 10 x 21 x 10 in; 15 lb\$2,495/pr

M-Two 2-Way Speaker

5-in woofer and 1-in silk dome tweeter in D'Appolito configuration. FR 80-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 3/6 ohms. Black finish with black knit grille. 8 x 18 x 9; 5 lb\$1,495/pr

M-One 2-Way Bookshelf Speaker

5-in woofer and 1-in silk dome tweeter. FR 80-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 4/8 ohms. Black with black knit grille. 8 x 12 x 9; 7.5 lb\$995/pr

MAGNEPLANAR

All models are available in natural oak or black trim, with off-white, black or gray fabric options. All bass and midrange drivers are Planar-Magnetic (PM) design. All tweeters are true Ribbon or quasi Ribbon as noted.

True Ribbon Speakers

MG 20 3-Way Ribbon Speaker

880-sq-in PM bass, 3 x 48-in PM midrange, and ¼ x 60-in ribbon tweeter. Biampification optional. Power handling 250 W max; FR 25-40,000 Hz; sens 87 dB SPL/W/m; impedance 4 ohms. 29 x 79 in. Without crossover\$9,200/pr

MG 3 5 3-Way Ribbon Speaker

620-sq-in PM bass, 170-sq-in PM line-source midrange, and ¼ x 60-in ribbon tweeter. Biampification optional. Power handling 250 W max; FR 34-40,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 24 x 71 in\$3,150/pr

Quasi Ribbon Speakers

MG 2.7 3-Way Ribbon Speaker

620-sq-in PM bass, 98-sq-in PM midrange, 1½ x 56-in quasi ribbon tweeter. Power handling 250 W max; FR 34-26,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 22 x 71 in\$1,995/pr

MG 1.5 2-Way Ribbon Speaker

480-sq-in PM bass and 1½ x 52-in quasi ribbon tweeter. Power handling 250 W max; FR 40-26,000 Hz; sensitivity 85 dB SPL/W/m; impedance 4 ohms. 19 x 64 in\$1,350/pr

MG 10 2-Way Ribbon Speaker

340-sq-in PM bass and 1½ x 55-in quasi ribbon tweeter. Power handling 250 W max; FR 80-26,000 Hz; sens 85 dB SPL/W/m; impedance 4 ohms. 10½ x 68 in\$1,175/pr

MG .6 2-Way Ribbon Speaker

420-sq-in PM bass and 1½ x 40-in quasi ribbon tweeter. Power handling 250 W max; FR 45-26,000 Hz; sens 85 dB SPL/W/m; impedance 4 ohms. 19 x 50 in\$995/pr

SMC 2-Way Ribbon Speaker

370-sq-in PM bass and 1½ x 38-in quasi ribbon tweeter. Power handling 150 W max; FR 50-26,000 Hz; sens 87 dB SPL/W/m; impedance 4 ohms. 17 x 48 in\$690/pr

M&K SOUND

S-1C 2-Way Satellite Speaker

Sealed design with two 5-in polypropylene woofers

and two 1-in open-back transmission-line soft-dome tweeters. Features push-pull woofer configuration. Magnetic shielding; 2 switches for tonal/timbre balance. Power handling 400 W; FR 77-20,000 Hz ± 2 dB. Oak or black-oak finish. Dimensions: 21 x 7 $\frac{1}{4}$ x 10 $\frac{1}{2}$ in; 19 lb\$1,495/pr

SS-500THX 2-Way THX Surround Speaker

Sealed dipole design with two 5-in polypropylene woofers and two 1-in soft-dome tweeters. Meets THX requirements. FR 100-20,000 Hz ± 2 dB; imp 4 ohms. 14 $\frac{1}{4}$ x 6 $\frac{1}{2}$ x 7 $\frac{1}{2}$ in; 22 lb\$1,450/pr

S-100B 2-Way Satellite Speaker

Sealed design with two 5-in polypropylene woofers and three 1-in soft-dome tweeters. 2 switches for tonal/timbre balance. Magnetic shielding optional. Power handling 400 W; FR 77-20,000 Hz ± 2 dB. Glass-bead black finish. 12 x 10 x 8 $\frac{1}{2}$ in\$995/pr

S-5000THX 2-Way THX Satellite Speaker

Sealed design with two 6 $\frac{1}{2}$ -in polypropylene woofers and two 1-in open-back transmission-line dome tweeters. Meets THX requirements. Features trapezoidal enclosure shape. Magnetic shielding; 2 switches for tonal/timbre balance. FR 72-20,000 Hz ± 2 dB; imp 4 ohms. Oak or black-oak finish. 24 x 11 $\frac{1}{4}$ x 12 in; 55 lb\$995

S-90 2-Way Satellite Speaker

Sealed design with 6 $\frac{1}{2}$ -in polypropylene woofer and 1-in transmission-line soft-dome tweeter. Features trapezoidal enclosure shape. 2 switches for tonal/timbre balance. Magnetic shielding optional. Power handling 200 W; FR 80-20,000 Hz ± 2 dB. Oak or black-oak finish. 12 x 12 x 9 $\frac{1}{2}$ in; 18 lb\$795/pr

S-80 2-Way Satellite Speaker

Sealed design with 5-in polypropylene woofer and 1-in soft-dome tweeter. Features trapezoidal enclosure shape. Multiple inputs for variations in tonal/timbre balance. Magnetic shielding optional. Power handling 200 W; FR 90-20,000 Hz ± 2 dB. Oak or black-oak finish. 11 x 8 x 7 in; 10 lb\$575/pr

Powered Subwoofers

MX-5000THX THX Powered Subwoofer

Sealed design with two 12-in drivers; integral amp rated at 400 W rms. Meets THX requirements. Features push-pull driver configuration; low-pass filter adjustable from 50-125 Hz. Level control. FR 18-125 Hz. Oak or black-oak finish. Dimensions: 23 $\frac{1}{4}$ x 15 x 26 in; 115 lb\$2,195

MX-2000. As above, amp rated at 300 W rms. Does not meet THX requirements. 23 x 18 $\frac{1}{2}$ x 25 $\frac{1}{2}$ in; 105 lb\$1,795

MX-100. As MX-2000, amp rated at 200 W rms. FR 20-125 Hz ± 2 dB. Walnut, oak, or black-oak finish. 23 x 15 $\frac{1}{4}$ x 19 $\frac{1}{2}$ in; 78 lb\$1,295

MX-90. As MX-100, amp rated at 125 W rms. 70 lb\$995

MX-80. As MX-90, amp rated at 75 W rms. FR 25-125 Hz ± 2 dB. 23 $\frac{1}{4}$ x 15 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in; 64 lb\$850

MX-70. As MX-90, 8-in drivers. FR 27-125 Hz ± 2 dB. Glass-bead black finish. 18 x 10 x 13 $\frac{1}{2}$ in; 48 lb\$850

V-100 Powered Subwoofer

Sealed design with 12-in driver; integral amp rated at 200 W rms. Features low-pass filter adjustable from 50-125 Hz. Level control. FR 20-125 Hz ± 2 dB. Walnut, oak, or black-oak finish. Dimensions: 18 x 15 $\frac{1}{4}$ x 17 $\frac{1}{2}$ in; 65 lb\$995

V-90. As above, amp rated at 90 W rms. FR 24-125 Hz ± 2 dB. 18 x 15 $\frac{1}{4}$ x 16 $\frac{1}{2}$ in; 50 lb\$750

V-3B. As V-90, amp rated at 75 W rms. Glass-bead black finish. 18 x 17 $\frac{1}{2}$ x 15 $\frac{1}{4}$ in; 38 lb\$650

VX-4. As V-3B, amp rated at 50 W rms. FR 35-125 Hz ± 2 dB. Black. 18 x 18 x 14 $\frac{1}{2}$ in; 33 lb\$495

VX-7. As VX-4, FR 25-125 Hz ± 2 dB. Glass-bead black finish. 10 x 13 $\frac{1}{4}$ x 10 $\frac{1}{2}$ in; 21 lb\$450

MARQUIS

Reference One 3-Way Speaker System

Subwoofer with 15-in paper driver; two 2-way speakers with two 5 $\frac{1}{4}$ -in long-throw Kevlar woofers and

one aluminum-dome tweeter. Features 18-dB/oct 2-way-speaker crossover. Power handling 200 W subwoofer, 100 W 2-way speaker; FR 20-120 Hz subwoofer, 120-20,000 Hz ± 2 dB 2-way speaker; sens 94 dB SPL/W/m subwoofer, 89 dB SPL/W/m 2-way speaker. Subwoofer 18 x 18 x 12 in. 2-way speaker 8 $\frac{1}{2}$ x 18 $\frac{1}{2}$ x 9 in\$5,600

Ducote Ten 2-Way Speaker

10-in long-throw polypropylene woofer, liquid-cooled dome tweeter. Features 12-dB/oct crossover with Mylar and polypropylene capacitors. Power handling 100 W; FR 30-20,000 Hz; imp 8 ohms. 14 $\frac{1}{2}$ x 25 x 12 in\$1,100/pr

Monitor Seven 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in long-throw polypropylene woofer, liquid-cooled soft-dome tweeter. Features 12-dB/oct crossover with air-core inductors and Mylar capacitors. Walnut or oak finish. Power handling 50 W; FR 60-20,000 Hz; imp 8 ohms. 9 x 15 x 8 $\frac{1}{2}$ in\$495/pr

MARTIN-LOGAN

The Statement Electrostatic Speaker System

2 woofer towers, each with four 12-in drivers mounted in individually sealed antiresonant chambers; 2 visually transparent curvilinear electrostatic panels. Features 4-chassis dual-mono active crossover with power supplies in 2 chassis and proprietary discrete Class A differential FET buffer topology in other 2. Power handling 250 W cont/module; FR 16-22,000 Hz ± 1.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. Electrostatic panels 39 $\frac{1}{2}$ x 84 x 6 in. Woofer towers 15 x 84 x 30 in. 1 ton. Single-ended\$55,000
Balanced\$60,000

The Monolith III Electrostatic Speaker

Curvilinear 2 x 4-ft electrostatic panel mounted atop tuned subwoofer box with 12-in cone driver. Designed for wide dispersion without use of lenses. Features 2-in woofer voice coil; active crossover. Power handling 250 W cont; FR 28-24,000 Hz ± 2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 25 x 75 x 13 $\frac{1}{2}$ in; 165 lb\$9,500/pr
With passive crossover\$6,500/pr

The Quest Electrostatic Speaker

18 x 48-in curvilinear electrostatic panel mounted atop tuned subwoofer cabinet with 12-in driver. Power handling 200 W cont; crossover point 150 Hz; FR 28-24,000 Hz ± 2 dB; sensitivity 90 dB; impedance 6 ohms. Various finishes. Dimensions: 19 x 73 x 18 in\$3,995/pr

The CLS II Electrostatic Speaker

Curved visually transparent 2 x 4-ft electrostatic cell. Features 30 $^\circ$ horizontal dispersion; inverted line-source format; arc-free diaphragm. Power handling 150 W continuous; frequency response 40-22,000 Hz ± 2 dB; sensitivity 85 dB SPL/W/m; Impedance 6 ohms\$3,500/pr

The Sequel II Electrostatic Speaker

10-in subwoofer in tuned chamber, visually transparent 1 x 4-ft electrostatic cell. Features 30 $^\circ$ horizontal dispersion; inverted line-source format. Power handling 200 W cont; FR 30-24,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms\$2,995/pr

The Stylos Electrostatic Speaker

6 $\frac{1}{2}$ -in woofer, 9 $\frac{1}{2}$ x 40-in curvilinear electrostatic element. In/on-wall mounting optional. FR 50-20,000 Hz ± 3 dB; imp 4 ohms\$2,750/pr

The Aerius Electrostatic Speaker

8-in woofer, 9 $\frac{1}{2}$ x 40-in curvilinear electrostatic driver. Power handling 200 W cont; crossover point 500 Hz; FR 40-20,000 Hz ± 3 dB; sens 89 dB; impedance 4 ohms\$1,995/pr

The Logos 3-Way Electrostatic Center-Channel Speaker

6 $\frac{1}{2}$ -in woofer, 2 curvilinear electrostatic midrange panels, 1-in tweeter. FR 50-20,000 Hz ± 3 dB; sens 90 dB; imp 4 ohms\$1,700

MBL

Model 101 3-Way Speaker

Omnidirectional design with 3 spherical dynamic drivers. Features 360 $^\circ$ dispersion horizontally and vertically. FR 35-70,000 Hz; sens 80 dB; imp 4 ohms. 14 x 43 x 14 in; 77 lb\$29,000/pr
Model 111. Economical version of above\$14,000/pr

Model 300 4-Way Speaker

Bass-reflex design with 3 long-throw dual-voice-coil woofers, one Ferrofluid-cooled midrange, and one Ferrofluid-cooled tweeter. Features mounting of midrange and tweeter in 4-mm magnesium and aluminum plate. Sens 86 dB; imp 4 ohms. 8 x 45 x 10 in; 44 lb\$8,950/pr
Model 301. As above, 3 way. FR 29-45,000 Hz; sens 85 dB. 33 lb\$4,930/pr

Model 201 Powered Subwoofer

120/300-W amp. Phase-shift switch; variable level control. Crossover point selectable at 48, 68, or 96 Hz; frequency response 18-96 Hz. Dimensions: 16 x 16 x 20 in; 66 lb\$4,310

Model 311c 3-Way Bookshelf Speaker

Dual-voice-coil woofer, Ferrofluid-cooled midrange, Ferrofluid-cooled tweeter. Features mounting of midrange and tweeter in 4-mm magnesium and aluminum plate. FR 38-45,000 Hz; sens 84 dB; imp 4 ohms. 8 x 17 x 10 in; 13 lb\$3,480/pr

Model 211 Powered Subwoofer

120/200-W amp. Variable level control. Crossover point selectable at 70, 100, or 140 Hz; FR 18-140 Hz. 16 x 18 x 19 in; 55 lb\$2,525

Model 321 2-Way Bookshelf Speaker

Dual-voice-coil woofer. FR 43-34,000 Hz; sens 84 dB; imp 4 ohms. 7 x 14 x 10 in; 9 lb\$1,700

MB QUART

Quart 250 2-Way Outdoor Speaker

5 $\frac{1}{4}$ -in aluminum woofer, 1 $\frac{1}{2}$ -in polycarbonate-dome tweeter. Features 12- and 18-dB/oct filters; injection-molded fiberglass-reinforced plastic-resin cabinet. Mounting brackets available. Power handling 50 W cont; crossover point 3,200 Hz; FR 78-22,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Dimensions: 7 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in\$329/pr

QL 90M 2-Way In-Wall Speaker

8-in woofer, 1-in titanium-dome tweeter. Paintable white finish. 10 $\frac{1}{2}$ x 13 x 3 $\frac{1}{2}$ in\$649/pr

QL 80M 2-Way In-Wall Speaker

5 $\frac{1}{4}$ -in woofer, 1 $\frac{1}{2}$ -in dome tweeter. Paintable white finish. 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in\$329/pr

Euro Line Series

Quart 2000 3-Way Speaker

Bass-reflex design with two 8-in resin-coated fiber woofers, two 5 $\frac{1}{4}$ -in resin-coated fiber-cone midranges, and one 1-in titanium-dome tweeter. Power handling 200 W cont; FR 28-32,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Various finishes available. 10 $\frac{1}{2}$ x 48 x 13 $\frac{1}{2}$ in\$2,799/pr

Quart 1000. As above, one 8-in polypropylene woofer and one 6 $\frac{1}{2}$ -in polypropylene midrange. Power handling 140 W cont; FR 31-32,000 Hz; sens 89 dB SPL/W/m. 10 $\frac{1}{2}$ x 39 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$1,499/pr

Quart 1600 2-Way Speaker

Bass-reflex design with two 6 $\frac{1}{2}$ -in resin-coated fiber woofers and one 1-in titanium-dome tweeter. Power handling 140 W cont; FR 35-32,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Various finishes available. 12 $\frac{1}{4}$ x 42 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in\$1,999/pr

Quart 600 2-Way Speaker

Bass-reflex design with 8-in polypropylene woofer and 1-in titanium-dome tweeter. Power handling 110 W cont; FR 35-32,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Various finishes available. Dimensions: 10 x 31 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$999/pr



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S P E A K E R S

Quart 502 2-Way Bookshelf Speaker

Bass-reflex design with 8-in resin-coated fiber woofer and 1-in titanium-dome tweeter. Power handling 130 W cont; FR 35-32,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Various finishes available. 11 1/4 x 18 1/2 x 11 1/4 in\$849/pr

Quart 500. As above, polypropylene woofer. Power handling 110 W cont; FR 38-32,000 Hz; sens 89 dB SPL/W/m. 10 1/2 x 17 3/4 x 11 1/4 in\$799/pr

Statement Series

Quart Three 2-Way Speaker

Bass-reflex and acoustic-suspension design with two 6 1/2-in woofers and one 1-in titanium-dome tweeter. Features crossover with Mylar capacitors and 6- and 18-dB/oct slopes; 3/4-in internally braced MDF cabinet; removable isolation spikes. Power handling 90 W cont; FR 33-32,000 Hz; crossover points 120 and 2,900 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Black. 8 1/2 x 35 1/2 x 9 1/2 in\$799/pr

Quart Two XL 2-Way Speaker

Bass-reflex design with 6 1/2-in woofer and 1-in titanium-dome tweeter. Features crossover with Mylar capacitors and 12- and 18-dB/oct slopes; 3/4-in particle-board cabinet; removable isolation spikes. Power handling 80 W cont; FR 42-32,000 Hz; crossover point 2,800 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Black. 8 1/2 x 33 x 9 1/2 in\$549/pr

Quart One 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/2-in woofer and 1-in titanium-dome tweeter. Features crossover with Mylar capacitors and 12- and 18-dB/oct slopes; 3/4-in particle-board cabinet. Power handling 60 W cont; FR 49-32,000 Hz; crossover point 2,800 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Ivory finish. Dimensions: 8 1/2 x 13 1/2 x 9 1/2 in\$429/pr
Black\$399/pr

QL Point Five 2-Way Bookshelf Speaker

Acoustic-suspension design with 6 1/2-in copolymer woofer and 3/4-in titanium-dome tweeter. Features computer-optimized 4th-order Linkwitz-Riley crossover. Power handling 100 W max; FR 68-22,000 Hz; imp 6 ohms. Ivory finish. Dimensions: 8 1/2 x 11 1/4 x 7 1/4 in\$339/pr
Black\$299/pr

Home Theater Series

QL Sub Ten Powered Subwoofer

10-in driver; 100-W amp. Features 24-dB/oct crossover; overdrive protection. Line- and speaker-level inputs. Variable gain. Crossover point variable from 50-150 Hz; FR 38-150 Hz\$479

QL CTR 2-Way Center-Channel Speaker

Bass-reflex design with 5 1/4-in copolymer woofer and 3/4-in titanium-dome tweeter. Features computer-optimized 4th-order Linkwitz-Riley crossover. Magnetic shielding. Power handling 100 W max; FR 70-22,000 Hz; imp 6 ohms. Black. 9 1/4 x 6 3/4 x 9 1/2 in\$249

MCINTOSH

XR290 3-Way Speaker

Four 12-in woofers, twelve 5-in midranges, 24 1-in dome tweeters. Available through special order only. Features overload protection. Power handling 1,200 W max; crossover points 400 and 1,300 Hz; FR 20-22,000 Hz ± 2 dB; imp 8 ohms. Oak, walnut, or black-ash finish. 28 3/4 x 83 x 12 1/2 in; 347.5 lb\$25,000/pr

XRT26 3-Way Speaker

Two 12-in woofers and one 8-in midrange in one enclosure; 23 1-in aluminum-dome tweeters in separate column. Features overload protection. Power handling 1,000 W max; crossover points 100, 250, and 1,500 Hz; FR 32-22,000 Hz ± 2 dB; impedance 4 ohms. Walnut black-ash finish. Woofer/midrange enclosure 20 x 43 1/2 x 15 1/2 in. Tweeter column 17 x 86 x 15 in\$12,000/pr
CS26. Stand for tweeter column\$500/pr

XRT24 3-Way Speaker

Two 10-in rear-firing boundary-loaded woofers and

one 8-in midrange in one enclosure; 16 1-in aluminum-dome tweeters in separate column. Features overload protection. Power handling 1,000 W; crossover points 250 and 1,500 Hz; FR 36-22,000 Hz ± 2 dB; imp 4 ohms. Walnut or black-ash finish. 14 1/2 x 84 x 19 in; 130 lb\$7,500/pr

LS350 3-Way Speaker

Two 10-in woofers, one 5-in midrange, one 1-in aluminum-dome tweeter. Features woofer distortion-reduction circuitry. Power handling 500 W; crossover points 450 and 2,500 Hz; FR 45-22,000 Hz ± 2 dB; imp 4 ohms. Walnut or black-ash finish. 15 1/2 x 44 x 12 1/2 in; 87.5 lb\$3,000/pr

LS330 2-Way Speaker

Two 8-in woofers, one 1-in aluminum-dome tweeter. Features woofer distortion-reduction circuitry. Low magnetic radiation for use near TV/monitor. Power handling 300 W; crossover points 350 and 3,500 Hz; FR 55-22,000 Hz ± 2 dB; imp 4 ohms. Walnut or black ash finish. 13 x 36 x 12 in\$2,000/pr
LS310. As above, single woofer. Power handling 200 W; FR 60-22,000 Hz ± 2 dB; crossover point 2,500 Hz. 10 1/2 x 18 1/2 x 10 1/2 in; 49 lb\$1,000/pr

HT Series

The following, except HT-4, are THX certified.

HT3F 2-Way In-Wall THX Surround Speaker

Dipole antiphase design with two 5-in woofers and two 1-in dome tweeters. Features angled faces. Flush in-wall mounting. Power handling 150 W; crossover point 1,500 Hz; FR 85-12,000 Hz; imp 4 ohms. Textured black with white paintable grille. 15 1/2 x 15 1/2 in. Mounting depth 4 in\$2,000/pr
HT3W. As above, on-wall surface mounting. Depth 6 in\$2,000/pr

HT2 THX Subwoofer

Vented design with two 12-in down-firing drivers. Features FR meeting THX requirements. Power handling 600 W; FR 42-200 Hz ± 2 dB; imp 4 ohms. Walnut or black-ash finish. Dimensions: 30 x 20 1/2 x 20 in; 90.5 lb\$1,500

HT1 2-Way THX Speaker

Two 8-in woofers, three 1-in aluminum-dome tweeters. Features rotating tweeter panel. Power handling 300 W; crossover points 500 and 1,400 Hz; FR 55-22,000 Hz ± 2 dB; imp 4 ohms. Walnut or black-ash finish. 15 1/2 x 22 1/2 x 10 1/2 in; 42 lb\$1,000

HT4 2-Way Center-Channel Speaker

Two 6 1/2-in woofers, three 1-in aluminum-dome tweeters. Power handling 200 W; crossover point 1,250 Hz; FR 60-22,000 Hz ± 2 dB; imp 4 ohms. Black-ash finish. 21 x 8 x 10 1/2 in; 23 lb\$800

MENISCUS

Impact Powered Subwoofer Kit

Two 12-in woofers; amp rated at 250 W. Cabinet of oak veneers and solids\$600

Entre 6 2-Way Speaker Kit

6 1/2-in woofer and 3/4-in dome tweeter. FR 40-20,000 Hz ± 3 dB; imp 8 ohms. Cabinet of oak veneers and solids\$235/pr

MERET AUDIO

Hardwood veneers usually available are English sycamore, andaman padauk, or natural cherry. Special order finishes available on request for extra cost; may require deposit. Suggestions for new veneers are appreciated.

Ay 2-Way Speaker

9-in Kevlar cone woofer and 1-in concave Titanium dome tweeter. Features two-layer, constrained-mode, high-density fiber board construction; biwire configuration. Cardas gold/rhodium binding posts. Power handling 150 W max; FR 50-20,000 Hz ± 1.5 dB or 36-32,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish; angled-front enclosure. 10 1/2 x 43 x 31 in\$4,200/pr

sure. 10 1/2 x 43 x 31 in\$4,200/pr

Re 2-Way Speaker

7-in Kevlar cone woofer and 1-in concave Titanium dome tweeter. Features two-layer, constrained-mode, high-density fiber board construction. Power handling 150 W max; FR 70-20,000 Hz ± 1.5 dB or 48-32,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish; angled-front enclosure. 9 x 16 1/2 x 18 in\$3,000/pr
Nextel finish\$2,600/pr

Ankh 2-Way Bookshelf Speaker

5-in Kevlar cone midbass and 1-in Titanium dome tweeter. Features high-density fiber board construction. Cardas gold/rhodium biwire/biamp binding posts. Power handling 150 W max; FR 77-20,000 Hz ± 1.5 dB or 64-32,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish; angled-front enclosure. 8 x 14 x 12 1/2 in\$NA
Nextel finish\$NA

MERIDIAN

DSP6000C 3-Way Digital Powered Speaker

Tower speaker incorporating amp, 75 W x 2 amp for bass, 75 x 1 amp for midrange, 75 x 1 amp for tweeter. Features digital crossover with two Motorola chips. 2 coaxial and 2 fiber-optic digital inputs. System remote control with bass, tilt, axis, volume, balance, and phase controls; 4-character display. Frequency response 20-20,000 Hz. Dimensions: 10 1/2 x 52 1/2 x 16 1/4 in\$8,650
DSP6000. Pair of above\$16,000

DSP5000 3-Way Digital Powered Speaker

Tower speaker incorporating amp, rated at 75 for each driver. Digital crossover with Motorola chip; 18-bit Delta-Sigma D/A conversion; digitally processed tilt, balance, and axis. 2 coaxial digital inputs. 4-character display; system remote control with bass, tilt, axis, volume, balance, and phase controls. FR 35-20,000 Hz. Rosewood finish. Dimensions: 8 1/2 x 35 1/2 x 11 1/4 in\$5,240/pr
Black finish\$4,990/pr
DSP5000C. As above, electronics only, in horizontal shelf-mount version. FR 42-20,000 Hz. 26 1/2 x 7 1/4 x 10 1/2 in\$2,750

M60.2 3-Way Powered Speaker

Amp rated at 75 W for each driver. Features active crossover. Balanced and unbalanced inputs. Rosewood finish. 8 1/2 x 35 1/2 x 11 1/4 in\$3,445/pr
Black finish\$3,195/pr

M60C 2-Way Powered Speaker

Features active crossover. Balanced and unbalanced inputs. FR 45-20,000 Hz. Dimensions: 26 1/2 x 7 1/4 x 10 1/2 in\$1,750

A500 3-Way Speaker

Sealed design. FR 45-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Rosewood finish. 7 1/4 x 32 1/2 x 11 in\$1,375/pr
Black finish\$1,295/pr

MERLIN

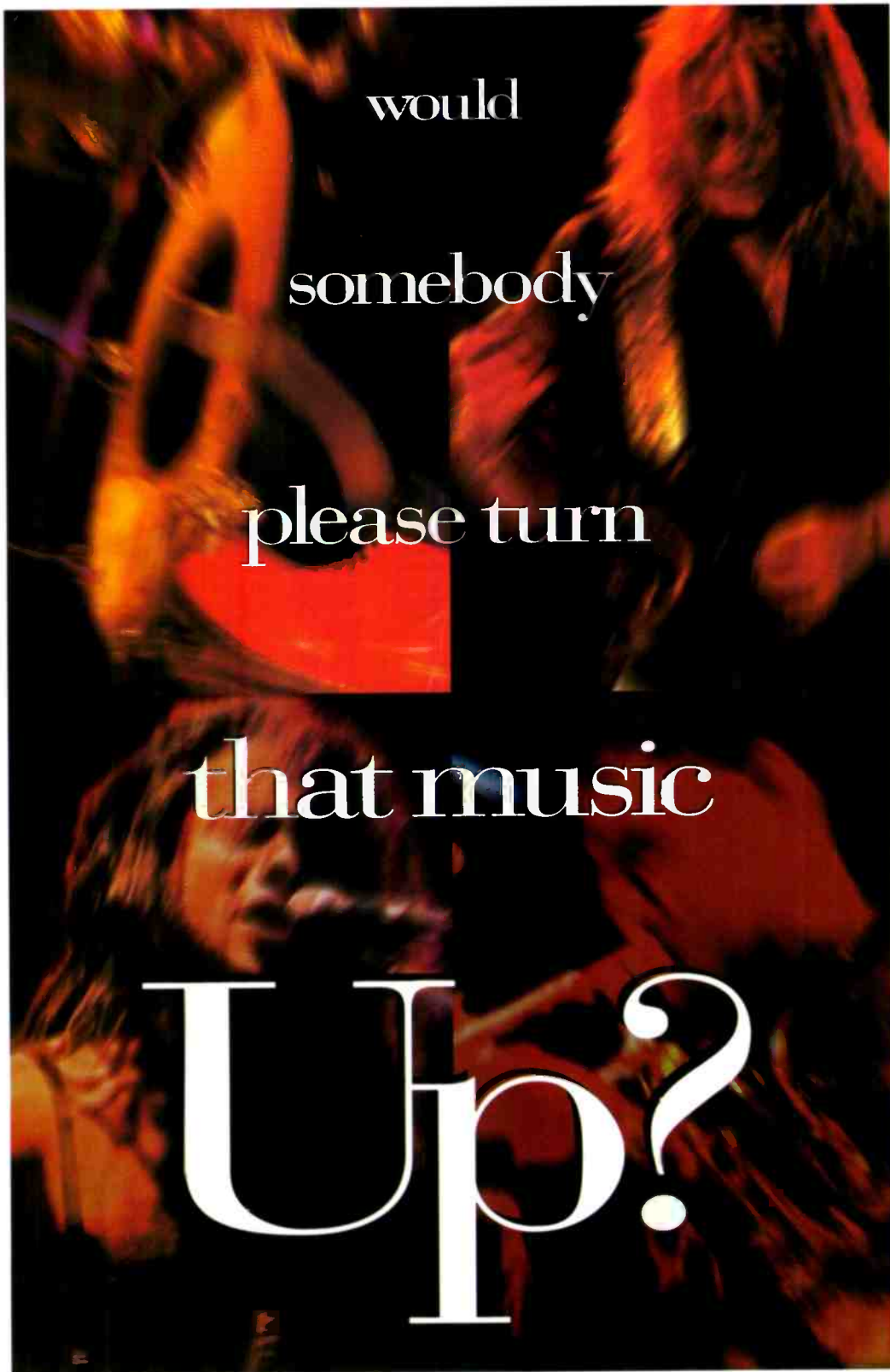
The following models, except VSM, available in oak and black finishes, and black knit grille.

Excalibur III 3-Way Speaker

Vented design with two 8-in woofers, two 4 1/2-in midrange cones, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points at 500 and 3,000 Hz; FR 30-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 17 x 64 x 14 in; 250 lb\$9,200/pr

Pendragon III 3-Way Speaker

Vented design with 8-in woofer, 4 1/2-in cone midrange, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points at 500 and 3,000 Hz; FR 33-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Dimensions: 17 x 48 x 14 in; 160 lb\$7,100/pr



would

somebody

please turn

that music

Up?



The **RE SERIES**



The **DX SERIES**



The **VS SERIES**



The **AT SERIES**

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Turn it up.

EXL IV 3-Way Speaker

Vented design with two 8-in woofers, two 4½-in midrange cones, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points at 500 and 3,000 Hz; FR 30-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 16 x 62 x 13 in; 180 lb\$5,800/pr

EXL III 3-Way Speaker

Vented design with 8-in woofer, 4½-in midrange cone, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points at 500 and 3,000 Hz; FR 33-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 16 x 45 x 13 in; 120 lb\$3,600/pr

VSM 2-Way Speaker

Vented design with 6½-in woofer, 1-in dome tweeter. Crossover point at 2,100 Hz; FR 55-20,000 Hz ±1.75 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black lacquer finish with black grille. 11 x 43 x 9 in\$3,500/pr

EXL II 2-Way Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Tweeter level control. Crossover point at 2,200 Hz; FR 38-20,000 ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 12 x 42 x 12 in; 77 lb\$2,200/pr

EXL I 2-Way Speaker

Vented design with 6½-in woofer and 1-in dome tweeter. Tweeter level control. Crossover point at 2,700 Hz; FR 45-19,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Dimensions: 10½ x 38 x 10½ in; 50 lb\$1,700/pr

MICHAEL GREEN DESIGNS**Chameleon III Speaker**

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Features resonance-tunable cabinet; out-board crossover; imaging air foil. FR 25-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4/8 ohms. Available in a variety of finishes with black-knit grille. 42 x 12 x 17 in; 34.5 lb\$5,700/pr

Chameleon II Speaker

As above, no crossover or foil. 29.5 lb\$4,450/pr

MIRAGE**BPSS-210 Powered Subwoofer**

Acoustic-suspension design with two 10-in drivers; amp rated at 250 W with 0.08% THD. Features dual chambers; dual push-pull surround; Class A/B amp. FR 18-100 Hz ±3 dB. High-gloss black. 24 x 18 x 18 in; 98 lb\$1,500

M-990 3-Way Speaker

Two 6½-in polypropylene woofers, rear-radiating 5-in midrange, 1-in titanium tweeter. Features rubber woofer surround; cloth tweeter suspension. Biwire/biamp terminals. Power handling 175 W cont; crossover points 500 and 2,000 Hz; FR 35-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Gloss finish. 10 x 44 x 11 in; 70 lb\$1,300/pr

M-790 3-Way Speaker

8-in polypropylene woofer, rear-radiating 5-in midrange, 1-in titanium tweeter. Features rubber woofer surround; cloth tweeter suspension. Biwire/biamp terminals. Power handling 150 W cont; crossover points 500 and 2,000 Hz; FR 38-22,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Gloss finish. 10 x 39 x 11 in; 60 lb\$1,100/pr

M-490 2-Way Speaker

Front-vented design with 8-in polypropylene woofer and 1-in pure-titanium tweeter. Features rubber woofer surround; cloth tweeter suspension. Power handling 150 W cont; crossover point 2,000 Hz; FR 40-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 4 ohms. Black-ash vinyl finish. Dimensions: 10 x 19 x 11 in; 28 lb\$600/pr

M-290 2-Way Bookshelf Speaker

Front-vented design with 6½-in polypropylene woofer and 1-in titanium tweeter. Features rubber

woofer surround; cloth tweeter suspension. Power handling 100 W cont; FR 45-22,000 Hz; imp 6 ohms. Black-ash vinyl finish. 9 x 16 x 9 in; 17 lb\$450/pr

MBS 2-Way Satellite Speaker

Bipolar 3rd-order sealed design with two 4½-in polypropylene woofers and two ½-in Ferrofluid-cooled dome tweeters. Magnetic shielding. Power handling 100 W; FR 120-20,000 Hz ±3 dB. High-gloss black or white. 10½ x 6½ x 4¾ in; 7 lb\$350/pr

M-190 2-Way Bookshelf Speaker

Rear-vented design with 5½-in polypropylene woofer and ¾-in titanium tweeter. Power handling 75 W cont; crossover point 2,200 Hz; FR 55-22,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 6 ohms. Black-ash vinyl finish. 7 x 12 x 8 in; 12 lb\$250/pr

M-190i 2-Way Bookshelf Speaker

Rear-vented design with 6½-in injected-molded woofer and ½-in titanium-dome tweeter. Power handling 100 W; crossover point 2,300 Hz; FR 48-23,000 Hz ±3 dB; sens 87.5 dB; imp 6 ohms. Black-ash or white finish. 8 x 14 x 9 in\$250/pr

M-90i 2-Way Bookshelf Speaker

Rear-vented design with 5½-in injected-molded woofer and ½-in titanium-dome tweeter. Power handling 80 W max; crossover point 3,500 Hz; FR 60-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Black-ash or white finish. 7 x 12 x 8 in\$200/pr

Mirage 2-Way Center-Channel Speaker

Dual-vented design with two 4½-in woofers and ½-in polycarbonate flared-dome tweeter. Features magnetic shielding; angled enclosure. Power handling 100 W cont; crossover point 2,500 Hz; FR 60-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 6 x 20 x 8 in; 15 lb\$170

Mirage Msi Series**M1s1 4-Way Speaker**

Bipolar design with two 8-in carbon-filled polypropylene front and rear woofers, two 4½-in carbon-filled polypropylene front and rear midranges, and two ¾-in hyperbolic-dome front and rear tweeters. Features 1½-in woofer voice coils. Biwire/biamp terminals. Power handling 400 W cont; crossover points 100, 300, and 2,300 Hz; FR 25-23,000 Hz ±2 dB; sens 83 dB SPL/W/m; imp 6 ohms. Dimensions: 20 x 50 x 10 in; 185 lb\$5,500/pr

M3s1 3-Way Speaker

Bipolar design with carbon-filled polypropylene woofer, two 4½-in carbon-filled polypropylene front and rear midranges, and two ¾-in cloth-dome front and rear tweeters. Features 1½-in woofer voice coils. Biwire/biamp terminals. Power handling 250 W cont; crossover points 400 and 2,200 Hz; FR 25-23,000 Hz ±2 dB; sens 85.5 dB SPL/W/m; imp 6 ohms. 19 x 53 x 9 in; 130 lb\$3,000/pr

M5s1 2-Way Speaker

Bipolar design with two 6½-in carbon-filled polypropylene front and rear woofers and ¾-in cloth-dome front and rear tweeters. Features 1-in woofer voice coils. Biwire/biamp terminals. Power handling 175 W cont; crossover point 2,200 Hz; FR 35-20,000 Hz ±2 dB; sens 85 dB SPL/W/m; imp 4 ohms. 16 x 44 x 8 in; 75 lb\$1,800/pr

M7s1 3-Way Speaker

Bipolar design with 8-in polypropylene woofer, 1 rear-radiating 5-in midrange, and one 1-in pure-titanium tweeter. Features rubber woofer surround; cloth tweeter suspension. Biwire/biamp terminals. Power handling 125 W cont; crossover points 500 and 2,000 Hz; FR 35-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms\$1,300/pr

PS-12-180 Powered Subwoofer

Vented dynamic design with 12-in forward-radiating woofer; 180 W x 1 cont avg amp. Features overload protection circuit; integrated Class A/B amplification; variable low-pass filter. FR 25-150 Hz ±3 dB. Black-ash vinyl finish. 17 x 18 x 19 in\$750

PS-12-90. As PS-12-180, 90-W amp. FR 28-150 Hz ±3 dB. 17 x 16 x 17 in\$550

MC-si 2-Way Center-Channel Speaker

Bass-reflex design with two 5½-in injection-molded woofers and one 1-in titanium-hybrid dome tweeter. Features magnetic shielding; rubber woofer surrounds. Power handling 150 W max; crossover point 2,000 Hz; FR 45-23,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Black gloss top and bottom. 8 x 19 x 12 in\$500

MISSION**Cyrus 753 2-Way Speaker**

Four 5½-in paper woofers, one 1-in Ferrofluid-cooled 5-layer laminated composite-dome tweeter. Features fiberboard enclosure; MDF baffle; polyurethane-foam and polyester-fiber damping. Gold-plated biwire/biamp 5-way binding posts. Power handling 150 W; FR 70-20,000 Hz ±1.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. Black- or white-lacquer veneer finish. 8¼ x 3¼ x 12½ in\$1,800/pr

Cyrus 752 2-Way Speaker

Reflex design with 6½-in patented Aerogel woofer and 1-in Ferrofluid-cooled 5-layer polypropylene/aluminum laminated dome tweeter. Features fiberboard enclosure; polyurethane-foam and polyester-wad damping. Gold-plated biwire/biamp 5-way binding posts. FR 70-20,000 Hz ±1.25 dB; sens 90 dB SPL/W/m. Rosewood or black-ash finish. 8 x 33 x 10 in\$1,200/pr

Mission 734 3-Way Speaker

Reflex-loaded design with two 7-in polypropylene woofers, one 7-in polypropylene midrange, and one 1½-in Ferrofluid-cooled composite-laminated dome tweeter. Features injection-molded 40% mineral-loaded polypropylene baffle; particle-board enclosure; polyurethane-foam damping. 5-way binding posts. Power handling 150 W; FR 60-20,000 Hz ±2.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. Black satin finish. 8 x 41¼ x 13 in\$999/pr

Mission 733. As above, one woofer. Power handling 125 W. 8 x 33 x 13 in\$699/pr

Cyrus 751 2-Way Bookshelf Speaker

Reflex design with 5½-in paper woofer and 1-in Ferrofluid-cooled 5-layer laminated composite-dome tweeter. Features fiberboard enclosure; polyurethane-foam damping. Gold-plated biwire/biamp 5-way binding posts. FR 70-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. Wood-veneer finish. 7¾ x 12¾ x 10½ in\$800/pr

SW76 Powered Subwoofer

12-in dual-voice-coil driver; amp rated at 150 W x 1 rms. Line- and speaker-level inputs and outputs. Phase and input-level controls. Crossover point variable from 40-180 Hz; FR 20-250 Hz\$799

Mission 732 2-Way Bookshelf Speaker

Reflex-loaded design with 7-in polypropylene woofer and one 1½-in Ferrofluid-cooled composite-laminated dome tweeter. Features injection-molded Mica-loaded polypropylene baffle; particle-board enclosure; polyurethane-foam damping. 5-way binding posts. Power handling 100 W; FR 70-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black satin finish. 8 x 15¾ x 12 in\$429/pr

Mission 731 2-Way Bookshelf Speaker

Reflex-loaded design with 5½-in paper woofer and one 1½-in Ferrofluid-cooled composite-laminated dome tweeter. Features injection-molded Mica-loaded polypropylene front and rear baffles isolated from each other; particle-board-wrap enclosure; polyester-fiber damping. 5-way binding posts. Power handling 75 W; FR 75-20,000 Hz ±2.5 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black satin finish. 7 x 12½ x 8 in\$279/pr

Mission 73C 2-Way Center-Channel Speaker

Reflex design with two 4½-in paper woofers and one 1½-in polypropylene-cone tweeter. Features injec-

tion-molded Mica-loaded polypropylene baffle; polyurethane-foam damping. 5-way binding posts. Magnetic shielding. Power handling 75 W; FR 80-20,000 Hz ± 2.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black satin finish. 17 x 6 $\frac{1}{2}$ x 8 in\$269

Mission 73S 2-Way Satellite Speaker

Reflex design with 4 $\frac{1}{2}$ -in paper woofer and $\frac{1}{2}$ -in Ferrofluid-cooled polycarbonate-dome tweeter. Features injection-molded Mica-loaded polypropylene enclosure and baffle; polyurethane-foam damping; 6-dB crossover slopes. Magnetic shielding. Power handling 50 W; FR 75-20,000 Hz ± 2.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-satin finish. 6 $\frac{1}{2}$ x 10 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in\$269/pr

MITSUBISHI

M-S8040 Powered Subwoofer

12-in woofer with high-polymer laminate cone; amp rated at 100-W x 1 rms into 8 ohms 1% THD. Features 2-in diameter voice coil; cast aluminum driver frame; magnetically shielded; external heat sink on amp. High- and low-level inputs to use with external amplifier, low-level inputs for connection to system preamp or subwoofer outputs. Continuously-variable crossover frequency (60-120 Hz); variable level control. FR 20-20,000 Hz. 25 x 16 $\frac{1}{2}$ x 23 $\frac{1}{2}$ in\$799

MONITOR AUDIO

Home Theater Package

One pair of Monitor 14s, one pair of Monitor 1s, one Center Channel 200. Satin black lacquer\$1,595

W 200 Subwoofer

Designed for home theater use, partner with Monitor 1 Gold and MA 100 Gold. Power handling 100 W max; FR down to 30 Hz; imp 8 ohms. Black oak. 19 x 10 x 14 $\frac{1}{2}$ in; 33 lb\$699
Rosewood finish\$899

CC 200 Center-Channel Speaker

Power handling 100 W max; FR 70-26,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Satin black lacquer. 17 x 6 x 6 $\frac{1}{2}$ in; 10 lb\$399
Rosewood finish\$469

Studio Series

Studio 50 3-Way Speaker

Two ceramic-coated aluminum alloy sub bass drivers, one ceramic-coated aluminum alloy midrange, and one aluminum alloy gold anodized dome tweeter. Features low loss capacitors; biwireable crossover; cabinets constructed of MDF. Power handling 300 W max; FR 25-30,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black oak or rosewood veneer. 8 x 41 x 12 in; 56 lb\$7,995/pr
Grand piano black or rosewood lacquer finish\$9,995/pr

Studio 20SE 2-Way Speaker

One ceramic-coated aluminum alloy driver and one aluminum alloy gold anodized dome tweeter. Power handling 200 W max; FR 30-30,000 Hz ± 3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Black oak or rosewood veneer. 8 x 36 x 10 $\frac{1}{2}$ in; 55 lb\$4,499/pr
Grand piano black or rosewood lacquer finish\$5,999/pr

Studio 6 2-Way Bookshelf Speaker

Twin-flow, time aligned, tuned port design with one ceramic coated aluminum alloy woofer and aluminum alloy anodized gold dome tweeter. Power handling 200 W max; 40-30,000 Hz ± 3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Black oak or rosewood veneer. 8 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 10 in; 22 lb\$2,499/pr
Grand piano black or rosewood lacquer\$3,199/pr

Studio 2 2-Way Bookshelf Speaker

Bass reflex design with one 5-in aluminum alloy ceramic coated bass driver and one 1-in gold dome tweeter. Features biwire capability; MDF construction. Power handling 100 W max; FR 70-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black oak veneer. 6 $\frac{1}{2}$ x 10 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in\$1,199/pr

MA Reference Gold Series

MA 1200 Gold MkII 2-Way Speaker

One polypropylene bass driver and one gold dome tweeter. Power handling 200 W max; 35-30,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black oak or honey oak. 8 x 36 x 10 $\frac{1}{2}$ in; 44 lb\$1,999/pr
MA 1200 Gold. As above, rosewood\$2,399/pr

MA 800 Gold 2-Way Bookshelf Speaker

Front port design with one cast woofer and one gold dome tweeter. Features first order crossover. Power handling 120 W max; FR 40-30,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black oak or honey oak. 8 x 29 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in; 28.6 lb\$1,499/pr
MA 800 Gold. As above, rosewood\$1,699/pr

MA 700 Gold II 2-Way Bookshelf Speaker

One polypropylene bass driver and one gold dome tweeter. Power handling 100 W min; FR 45-30,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black oak or honey oak. 8 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 10 in; 19 lb\$999/pr
MA 700 Gold. As above, rosewood\$1,199/pr

MA 100 Gold 2-Way Bookshelf Speaker

Features video shielding. Power handling 120 W max; FR 65-26,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black oak. 6 x 9 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in; 6 lb\$599/pr
MA 100 Gold. As above, rosewood\$689/pr

Monitor Series

Monitor 14 Gold MkII 3-Way Speaker

Infinite baffle design with two 6 $\frac{1}{2}$ -in paper cone drivers and one 1-in gold anodized metal dome tweeter. Features low distortion magnet system and high temperature voice coil; equipment for biwiring; carpet-piercing spikes for floor anchoring. Power handling 120 W max; FR 35-28,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Satin black lacquer. 8 $\frac{1}{2}$ x 30 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in\$899/pr

Monitor 9 Gold II 2-Way Bookshelf Speaker

Rear-firing ported design with 6 $\frac{1}{2}$ -in bass driver and gold dome tweeter. Power handling 100 W max; FR 50-28,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Satin black lacquer. Dimensions: 8 x 14 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in; 11 lb\$599/pr

Monitor 7 Gold II 2-Way Bookshelf Speaker

Ported design with bass driver and gold dome tweeter. Power handling 70 W max; FR 60-26,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Satin black lacquer. 8 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 7 in; 8.3 lb\$429/pr

Monitor 1 Gold 2-Way Bookshelf Speaker

One bass driver and one gold dome tweeter. Power handling 70 W max; FR 65-26,000 Hz ± 3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Satin black lacquer. 6 x 9 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in; 6 lb\$349/pr

MORDAUNT-SHORT

HT-50 2-Way Speaker

Two 8-in woofers, third 8-in driver for built-in subwoofer, and one 1-in aluminum-dome tweeter. Features particleboard enclosure. Gold-plated binding posts with separate posts for subwoofer. Power handling 120 W; FR 40-20,000 Hz; sens 90 dB; imp 8 ohms. 34 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 13 in\$1,099/pr

HT-30 2-Way Speaker

8-in woofer. 1-in aluminum-dome tweeter. Features overload protection; particleboard enclosure with molded front and rear baffles. Gold-plated binding posts. Magnetic shielding. Stand optional. Power handling 120 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 16 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 11 in\$549/pr

SW-1 Subwoofer

Two 6 $\frac{1}{2}$ -in drivers. Features overload protection; particleboard enclosure. Spring terminals. Power handling 100 W; FR 45-110 Hz; sens 90 dB; imp 8 ohms. 21 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 10 in\$349

CS-1 2-Way Bookshelf Speaker

4-in woofer, $\frac{1}{2}$ -in fluid-cooled polyimide-dome tweeter. Features overload protection; Mica-loaded poly-

mer enclosure. Gold-plated binding posts. Bracket or stand optional. Power handling 100 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. Dimensions: 6 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$229/pr

Music Series

The following feature a 5-yr warranty.

MS50 2-Way Speaker

Two 8-in woofers, one 1-in aluminum-dome tweeter. Features polypropylene-capacitor filter; particleboard enclosure; composite-MDF front baffle; Mica-loaded resin rear baffle. Gold-plated 5-way biwire/bi-amp binding posts. Power handling 200 W rms; FR 40-20,000 Hz; sens 90 dB; imp 8 ohms. Black-ash finish. 9 $\frac{1}{2}$ x 34 $\frac{1}{2}$ x 13 in\$999/pr
MS40. As above, 6 $\frac{1}{2}$ -in woofers. Power handling 150 W rms; FR 45-20,000 Hz. 9 x 32 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$799/pr

MS30 2-Way Bookshelf Speaker

8-in woofer, 1-in aluminum-dome tweeter. Features polypropylene-capacitor filter; particleboard enclosure; injection-molded Mica-loaded resin front and rear baffles. Gold-plated 5-way biwire/biamp binding posts. Power handling 100 W rms; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. Black-ash finish. 9 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 11 in\$499/pr
MS20. As above, 6 $\frac{1}{2}$ -in woofer. Power handling 75 W rms; FR 55-20,000 Hz; sens 89 dB. 8 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in\$379/pr

MS10. As MS30, 5 $\frac{1}{2}$ -in woofer. Not biwireable. Power handling 60 W rms; FR 60-20,000 Hz; sens 88 dB. 7 $\frac{1}{2}$ x 12 x 8 $\frac{1}{2}$ in\$279/pr

MOREL

All Morel tweeters and woofers employ the Hexatech voice coil winding technique. Woofers also feature a 3-in voice coil. Five-yr warranty on loudspeakers. Speaker stands in 9-in and 20-in heights are optional accessories.

Encore Subwoofer/Satellite System

Subwoofer with two 9-in drivers; 2 satellites, each with 6-in cone midbass and 1 $\frac{1}{2}$ -in Ferrofluid-cooled soft dome tweeter. Features push-pull system; passive crossover incorporating high-pass and low-frequency cutoff; satellites consist of separate small and large enclosures for tweeter and midbass respectively. Includes adjustable wall-mounting bracket. Power handling 150 W rms max subwoofer, 120 W rms max satellites; crossover point 90 Hz; FR 30-22,000 Hz ± 3 dB; sens 91 dB; imp 4 ohms. Subwoofer 20 x 11 x 14 in, satellite 7 x 11 x 6 in; subwoofer 32 lb, satellites 8 lb each\$999
Encore. Satellites only\$499/pr
Encore. Subwoofer only\$499

Duet 2-Way Speaker

6-in, double magnet cone woofer and 1 $\frac{1}{2}$ -in double magnet, soft dome, Ferrofluid-cooled tweeter. Features tweeters produced in pairs, matched within 0.6 dB. Power handling 150 W rms; FR 40-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black. 8 x 15 x 12 in\$995/pr
Duet. As above, oak\$945/pr

MLP-501 3-Way Speaker

9-in cone woofer, 3-in soft dome midrange, and 1 $\frac{1}{2}$ -in Ferrofluid-cooled soft dome tweeter. Copper binding posts. Power handling 150 W rms; FR 38-25,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut, teak, or black wood veneer. Dimensions: 10 $\frac{1}{2}$ x 32 $\frac{1}{2}$ x 12 in\$999/pr
MLP-403.3 Bookshelf. As above, 12 x 21 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$845/pr

MLP-203 2-Way Bookshelf Speaker

8-in woofer and 1 $\frac{1}{2}$ -in Ferrofluid-cooled soft dome tweeter\$640/pr

MLP-202 II 2-Way Bookshelf Speaker

6-in, long-throw double magnet woofer and 1 $\frac{1}{2}$ -in Ferrofluid-cooled soft dome tweeter. Copper binding posts. Power handling 150 W; FR 58-28,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 4 ohms. Dimensions:

S P E A K E R S

8 x 13 x 10 in \$545/pr

MPL-201.3 2-Way Bookshelf Speaker

9-in cone woofer and 1 1/2-in Ferrofluid-cooled soft dome tweeter. Copper binding posts. Power handling 100 W rms; FR 48-25,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Red walnut or black wood veneer. 10 x 16 x 10 in \$349/pr

CR-7 2-Way Bookshelf Speaker

6-in double magnet woofer and 1 1/2-in Ferrofluid-cooled soft dome tweeter. Designed for use in home or car. Includes mounting bracket. Dimensions: 7 1/2 x 11 x 4 3/4 in \$498/pr

Renaissance Audio Series

Prelude 2-Way Speaker

Transmission-line design with 6-in double magnet woofer and double magnet MDT-33 tweeter. Power handling 180 W rms; crossover point at 3,800 Hz; FR 34-25,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms \$1,395/pr

Piccolo 2-Way Bookshelf Speaker

5-in neodymium woofer and 1 1/2-in neodymium tweeter. 6 1/2 x 10 x 8 in \$695/pr

MTX

PSW100B Powered Subwoofer

12-in treated-fiber driver; 100-W amp. Features 6-dB/oct high-pass crossover selectable at 50, 100, or 150 Hz; low-pass 12-dB/oct crossover variable from 50-150 Hz. Line- and speaker-level inputs; high-pass outputs. Phase switch; output-gain control. FR 38-150 Hz. 18 x 16 1/2 x 19 1/4 in \$400
PSW101B. As above, with 4-in port and radiused front edge. 18 1/2 x 17 1/2 x 18 1/2 in \$400

MS8 2-Way In-Wall Speaker

8-in woofer, 1-in pivoting titanium-dome tweeter. Features crossover with Mylar capacitors; butyl-rubber woofer surround \$400/pr
MS6. As above, 6 1/2-in woofer \$350/pr
MS5. As above, 5 1/2-in woofer \$250/pr

CMS 8.5 2-Way In-Ceiling Speaker

Coaxial design with 8-in woofer and 1-in pivoting titanium-dome tweeter. Features butyl woofer surround \$400/pr
CMS 6.5. As above, 6 1/2-in woofer \$350/pr

FS10 In-Floor Subwoofer

10-in treated-fiber dual-voice-coil driver. Designed to fit between 16 inches on center floor joists. Power handling 100 W; crossover point 200 Hz; FR 48-200 Hz; sens 92 dB; imp 8 ohms. Dimensions: 14 1/2 x 8 1/2 x 27 1/2 in \$260
FS8. As above, 8-in driver. Fits between 12 inches. Power handling 75 W; FR 52-200 Hz; sens 90 dB. 10 1/2 x 8 1/2 x 27 1/2 in \$230

Model 820 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Power handling 50 W rms; FR 40-22,000 Hz; sens 90 dB; imp 8 ohms. 10 x 14 x 3 3/4 in \$249/pr
Model 620. As above, 6 1/2-in woofer. Power handling 45 W rms; FR 45-22,000 Hz. 8 1/2 x 12 x 3 in \$199/pr
Model 520. As above, 5 1/2-in woofer. Power handling 40 W rms; FR 50-22,000 Hz; sens 89 dB. 7 1/2 x 11 x 2 1/2 in \$179/pr

Model 650WR 2-Way Outdoor In-Wall Speaker

Coaxial design with 6 1/2-in polypropylene woofer and polycarbonate-dome tweeter. Features water resistance; aluminum mesh grille; stainless-steel hardware; encapsulated magnet. Power handling 35 W rms; FR 60-20,000 Hz; sens 89 dB; imp 8 ohms. 8 1/2 x 8 1/2 x 2 1/2 in \$150/pr

Model 600 2-Way In-Wall Speaker

Coaxial design with 6 1/2-in polypropylene woofer and polycarbonate-dome tweeter. Power handling 35 W rms; FR 63-20,000 Hz; sens 88 dB; imp 8 ohms. 8 1/2 x 8 1/2 x 2 1/2 in \$120/pr
Model 610RCM. As above, round frame \$150/pr

Model 500 2-Way In-Wall Speaker

Coaxial design with 5 1/4-in polypropylene woofer and polycarbonate-dome tweeter. Power handling 30 W rms; FR 60-22,000 Hz; sens 88 dB; imp 8 ohms. 7 1/2 x 7 1/2 x 2 1/2 in \$100/pr

HTS Series

HTSP200 Powered Subwoofer

10-in driver; 200-W amp. Features selectable high-pass crossover for satellites. Line- and speaker-level inputs. Variable gain; auto turn-on/off. Black diamond finish \$500

HTS1238 3-Way Speaker

12-in woofer, 5-in Ferrofluid-cooled sealed-back midrange, 7/8-in dome tweeter. Power handling 100 W rms; FR 44-20,000 Hz; imp 8 ohms. Black diamond finish. 15 1/2 x 26 1/2 x 10 1/2 in \$220
HTS1038. As above, 10-in woofer. FR 46-20,000 Hz. 14 1/2 x 23 1/2 x 10 1/2 in \$200

HTS628S 2-Way Bookshelf Speaker

Two 6 1/2-in woofers, one 1/2-in dome tweeter. Magnetic shielding. Power handling 40 W rms; FR 90-20,000 Hz; imp 8 ohms. Black diamond finish. 9 x 12 1/2 x 6 1/2 in \$200

HTS828 2-Way Speaker

Two 8-in woofers, 1/2-in dome tweeter. Power handling 50 W rms; FR 53-20,000 Hz; imp 8 ohms. Black diamond finish. 10 1/2 x 18 x 8 1/2 in \$140

HTS402 2-Way Center-Channel Speaker

Two 4-in woofers, one 1/2-in dome tweeter. Magnetic shielding. Power handling 40 W rms; imp 8 ohms. Black diamond finish. 15 1/2 x 5 x 7 in \$140
HTS528. As above, 5 1/2-in woofers. Power handling 50 W rms; FR 100-20,000 Hz. 16 x 7 1/2 x 7 1/2 in \$150

AAL Series

AAL2230 3-Way Speaker

Two 12-in treated-fiber woofers, one 5-in Ferrofluid-cooled sealed cone midrange, one 2 x 5-in quartz horn tweeter. Power handling 300 W rms; FR 38-22,000 Hz. 16 x 39 1/2 x 14 1/2 in \$300

AAL1540 4-Way Speaker

15-in treated-fiber woofer, 5- and 3-in Ferrofluid-cooled sealed cone midranges, 2 x 5-in quartz horn tweeter. Power handling 125 W rms; FR 40-22,000 Hz; sens 92 dB; imp 4 ohms. Oak or black. 18 1/2 x 29 x 14 1/2 in \$250
AAL1240. As above, 12-in woofer. Power handling 100 W rms; FR 50-22,000 Hz. Dimensions: 15 1/2 x 27 x 10 1/2 in \$200

AAL1030 3-Way Speaker

10-in treated-fiber woofer, 5-in Ferrofluid-cooled sealed cone midrange, 2 x 5-in quartz horn tweeter. Power handling 75 W rms; FR 55-22,000 Hz; sens 92 dB; imp 4 ohms. Oak or black. 15 x 24 x 10 in \$180
AAL830. As above, 8-in woofer. Power handling 50 W rms; FR 75-22,000 Hz. 11 1/4 x 18 1/2 x 8 in \$230/pr

AAL620S 2-Way Bookshelf Speaker

6 1/2-in treated-fiber woofer, 1/2-in polycarbonate-dome tweeter. Magnetic shielding. Power handling 40 W rms; FR 90-20,000 Hz; sens 88 dB; imp 8 ohms. Oak or black. 9 1/2 x 12 1/2 x 7 in \$180/pr
AAL600. As above, not shielded \$140/pr

AAL525SB 2-Way Center-Channel Speaker

Two 5 1/2-in treated-fiber woofers, one 1/2-in polycarbonate-dome tweeter. Magnetic shielding. Power handling 50 W rms; FR 100-20,000 Hz; imp 8 ohms. 16 x 7 1/2 x 7 1/2 in \$120

MUSE

Model Eighteen Powered Subwoofer

Monophonic, slot-loaded, sixth order design with two 10-in long coil drivers; amp rated at 225 W x 1. Features user installable "identity card" which tailors subwoofer to satellites, and factory developed cards available for many speakers on the market; balanced; summing amp and pair of discrete high-pass

electronic filters allow mono or stereo usage as desired; true sub 20 Hz output; high-pass electronics section; discrete unity gain buffer precedes and follows each filter section. Level, damping, and delay controls. Walnut or cherry finish. 25 x 25 x 25 in; 155 lb \$3,750

Model Eighteen. As above, oak finish \$3,500

Model Eighteen. As above, not balanced. Walnut or cherry finish \$3,250

Model Eighteen. As above, not balanced. Oak finish \$3,000

Model Twenty-Two Powered Subwoofer

Monophonic, slot-loaded, sixth-order design with 12-in LT driver; amp rated at 100 W. Controls for output level and cut-off frequency. Crossover points at 50-150 Hz; FR 22 Hz to filter cutoff. 20 x 22 1/2 x 20 in; 85 lb \$1,500

NAIM

NA DBL 3-Way Speaker

Decoupled box design with 15-in woofer, 5-in Infinite baffle midrange, and 3/4-in soft-dome tweeter. Features computer-calculated damping systems. Power handling 200 W; FR 17-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 4 ohms. Black-ash or walnut finish. 16 x 47 x 26 in; 200 lb \$15,000/pr

NA SBL 2-Way Speaker

8-in woofer, 3/4-in dome tweeter. Features external detachable crossover; decoupled tweeter. Stands included. Power handling 75 W max; FR 30-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black-ash or walnut finish. 10 1/2 x 34 1/2 x 10 1/2 in \$3,300/pr
 Passive crossover for above \$250

NEAR

WAF-2 2-Way In-Wall Speaker

Coaxial design with 5 1/4-in woofer and dome tweeter. Power handling 75 W max; FR 65-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms \$359/pr

WAF-1 In-Wall Speaker

5 1/4-in full-range driver. Power handling 75 W max; FR 65-14,000 Hz; sens 88 dB SPL/W/m; impedance 4 ohms \$279/pr

M Series

The following feature all-metal-alloy driver diaphragms, proprietary magnetic-liquid driver suspensions, and a 1-yr warranty.

NEAR-50Me 3-Way Speaker

Tuned-port design with 8-in metal-cone woofer, 4-in metal-alloy midrange, and 1 1/2-in metal-cone tweeter. Power handling 150 W max; crossover points 235 and 4,000 Hz; FR 30-23,000 Hz ± 1.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-gloss finish. 10 1/2 x 48 x 12 in; 55 lb \$3,290/pr
 Walnut or black-ash finish \$2,250/pr

NEAR-40Me 2-Way Speaker

Tuned-port design with 8-in metal-cone woofer and 1 1/2-in metal-cone tweeter. Power handling 150 W max; crossover point 1,800 Hz; FR 32-25,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Walnut finish. 10 1/2 x 39 x 10 1/2 in; 40 lb \$1,250/pr
NEAR-20M. As above, two 5 1/4-in woofers. Crossover point 3,000 Hz; FR 40-23,000 Hz ± 3 dB; impedance 6 ohms. Black. Dimensions: 20 x 7 1/2 x 12 in; 32 lb \$899/pr

NEAR-10M 2-Way Bookshelf Speaker

Ported design with 5 1/4-in metal-cone woofer and 1 1/2-in metal-cone tweeter. Power handling 100 W max; crossover point 2,100 Hz; FR 48-20,000 Hz ± 2 dB; sens 88.5 dB SPL/W/m; imp 6 ohms. Walnut finish. 7 1/2 x 11 x 9 1/2 in; 14 lb \$549/pr
 Black-oak finish \$429/pr

Home Theater Series

The following feature all-metal-alloy driver diaphragms, proprietary magnetic-liquid driver suspensions, and a 1-year warranty.

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Boom-4 Subwoofer

Four 8-in metal-cone drivers. Power handling 350 W max; FR 17-125 Hz \pm 2 dB; sens 86 dB SPL/W/m; imp 6 ohms. Cherry finish. 36 x 25 x 20 in; 120 lb. \$2,799
Satin black finish \$1,599

Boom-2. As Boom-4, two drivers. Black. 16 x 12 1/2 x 10 in; 60 lb \$899

MAST 2-Way Speaker

Two 5 1/4-in metal-cone woofers, one 1 1/4-in metal-cone tweeter. Features Ferrofluid cooling. Power

handling 150 W max; crossover point 3,000 Hz; FR 37-26,000 Hz; sens 88 dB SPL/W/m; impedance 6 ohms. Satin black finish. Dimensions: 6 1/4 x 49 x 8 in; 46 lb \$1,099/pr

JIB 2-Way Center-Channel Speaker

Two 5 1/4-in metal-cone woofers, one 1 1/4-in metal-cone tweeter. Magnetic shielding. Power handling 150 W max; crossover point 3,000 Hz; FR 40-23,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Satin black finish. 20 x 7 1/2 x 12 in; 32 lb \$499

AEL Outdoor Series

The following are waterproof with a 5-yr warranty.

AEL-2.0 2-Way Outdoor Speaker

8-in metal-cone woofer, 1 1/4-in metal-cone tweeter. Power handling 150 W max; crossover point 2,500 Hz; FR 38-25,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 12 x 20 x 12 in; 33 lb \$1,299/pr

AEL-1.5. As above. 6-in woofer. FR 48-26,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 8 x 14 x 8 in; 15 lb \$599/pr

AEL-1.6. As AEL-1.5, 14 x 8 x 5 in, 13 lb \$599/pr

AEL-1.4. As AEL-2.0, 5 1/4-in woofer. Power handling 100 W max; FR 48-25,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 14 x 8 x 5 in; 12 lb \$429/pr

AEL-1.2 2-Way Outdoor Speaker

Coaxial design with 5 1/4-in metal-cone woofer and dome tweeter. Power handling 75 W max; FR 65-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 7 1/4 x 7 1/4 x 8 in; 6 lb \$359/pr

AEL-1.1. As above, 5 1/4-in driver only \$318/pr

NESTOROVIC LABS**Type 5AS MkIII 3-Way Speaker**

8- and 10-in cellulose/polymer woofers, 2-in polyimide dome midrange, heat-resistant plastic tweeter. Features modified pyramid enclosure with inverted-pyramid base; 18-dB/oct crossover with air-core inductors and polypropylene capacitors. Bass-damping and midrange/treble contour switches. Power handling 350 W rms; crossover points 1,000 and 7,000 Hz; FR 25-40,000 Hz -3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Oak or walnut veneer finish. 15 x 41 x 14 1/2 in; 85 lb \$4,500/pr

Type 5AS MkIV Deluxe. As above, with damping materials applied to drivers and enclosure interior, Cardas tweeter and midrange wiring harnesses, and Cardas inputs \$5,200/pr

Type 5AS MkIV Signature. As Type 5AS MkIV Deluxe, with metal woofer parts machined from 50-mm-thick carbon steel, and MIT caps \$7,000/pr

NHT**Model 3.3 4-Way Speaker**

Acoustic-suspension design with 12-in polymer woofer, 6 1/2-in polymer midbass, 4-in polymer midrange, and 1-in Ferrofluid-cooled metal-dome tweeter. Power handling 300 W max; FR 23-26,000 Hz \pm 2 dB; sens 87 dB SPL/W/m; imp 6 ohms. Italian laminate finish; other finishes available. 7 x 41 x 32 in; 123 lb \$4,000/pr

Model 2.3A 3-Way Speaker

Acoustic-suspension design with two 6 1/2-in woofers, one 6 1/2-in midrange, and one 1-in Ferrofluid-cooled soft-dome tweeter. Spikes optional. Power handling 200 W max; FR 35-25,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 4 ohms. High-gloss black laminate finish. 7 x 37 x 12 in; 46 lb \$1,100/pr

Model 2.1 3-Way Speaker

Acoustic-suspension design with two 6 1/2-in woofers, one 6 1/2-in midrange, and one 1-in Ferrofluid-cooled soft-dome tweeter. Spikes optional. Power handling 200 W max; FR 40-25,000 Hz \pm 3 dB; imp 8 ohms. High-gloss black laminate finish. Dimensions: 7 x 34 x 12 in; 31 lb \$830/pr

SW2P Powered Subwoofer

Vented design with 10-in driver; separate 80-W amp. Features bypassable crossover. Line- and speaker-level inputs; speaker-level outputs. Defeatable auto-standby. Crossover point variable from 35-150 Hz; FR 21-150 Hz \pm 3 dB. High-gloss black laminate finish. Subwoofer 16 x 16 x 16 in. Amp 16 1/4 x 3 1/4 x 11 1/4 in \$700

SW1P Powered Subwoofer

Vented design with 8-in driver; separate 60-W amp. Line- and speaker-level inputs; speaker-level outputs. Crossover point variable from 50-200 Hz; frequency response 35-200 Hz \pm 3 dB. Dimensions: 11 x 16 x 11 in; 42 lb \$500

THIS SPEAKER CAN KEEP YOU UP ALL NIGHT.



A few notes of music will tell you the new Centaurus Slant 6 speaker is quite unique.

It's ribbon hybrid design offers performance that defies its modest \$1995 price.

As the Centaurus weaves its magic, an evening's listening session can pass into morning, leaving you with a smile.

The technology that makes this level of performance possible was pioneered on our \$85,000 state-of-the-art Grand System. Your nearest Apogee dealer will be happy to demonstrate the Centaurus speakers. But bring your pajamas, just in case.

—APOGEEACOUSTICS, INC.

35 York Ave. Randolph, MA 02368 Tel. (617) 963-0124 Fax (617) 963-8567

Model 1.3A 2-Way Bookshelf Speaker

Acoustic-suspension design with 6½-in polymer woofer and 1-in fluid-cooled soft-dome tweeter. Stand optional. Power handling 150 W max; FR 53-25,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. 7 x 16½ x 10 in; 15 lb\$500/pr

Model 1.1 2-Way Bookshelf Speaker

Acoustic-suspension design with 6½-in polymer woofer and 1-in fluid-cooled soft-dome tweeter. Magnetic shielding. Stand optional. Power handling 120 W max; FR 63-25,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Gloss-black, gloss-white, or oak-veneer finish. 7 x 12 x 10 in; 11 lb\$380/pr

SW2 Subwoofer

Vented design with 10-in driver. Power handling 200 W max; FR 21-350 Hz ±3 dB; imp 8 ohms. High-gloss black, high-gloss white, or oak-wood veneer finish. 16 x 16 x 16 in; 40 lb\$375

SuperZero 2-Way Bookshelf Speaker

Acoustic-suspension design with 4½-in woofer and 1-in fluid-cooled soft-dome tweeter. Magnetic shielding. Adjustable swivel bracket optional. Power handling 100 W max; FR 85-25,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. Gloss-black, gloss-white, or oak-veneer finish. 5½ x 9½ x 5 in; 5 lb\$115

Home Theater Series**VT-1A Home Theater System**

VT-1, VT-1C, HDP-1, and SW2P subwoofer. Gloss black or white laminate finish\$2,000

VT-1A 2/3-Way Speaker

Tuned column-loaded design with two 4½-in woofers and one Ferrofluid-cooled soft-dome tweeter. Features switchable 2-way mode for video and 3-way mode for audio. Magnetic shielding. Power handling 120 W max; FR 45-21,000 Hz ±3 dB audio, 65-21,000 Hz ±3 dB video; sens 87 dB audio, 90 dB video; imp 8 ohms. High-gloss black or white laminate finish. 5½ x 40 x 5½ in; 24 lb\$725/pr

HDP-1 2-Way Surround Speaker

Dipolar sealed design with 4½-in woofer and two 3-in tweeters. Includes wall-mount brackets. Power handling 100 W max; FR 105-10,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. High-gloss black or white laminate finish. 5¼ x 9¼ x 5¼ in; 7 lb\$380/pr

Model 1.1iw 2-Way In-Wall Speaker

6½-in woofer, 1-in soft-dome tweeter. Power handling 100 W max; FR 55-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Paintable matte-white finish. Cutout 12¼ x 8½ in. 12 lb\$350/pr

VT-1C 2-Way Center-Channel Speaker

Two 4½-in woofers, one 1-in Ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 120 W max; FR 95-21,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. High-gloss black or white laminate finish. 5¼ x 9¼ x 5¼ in; 7 lb\$320

Model 1.1C 2-Way Center-Channel Speaker

6½-in woofer, 1-in soft-dome tweeter. Magnetic shielding. Power handling 120 W max; FR 63-25,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. High-gloss black or white laminate finish. 7½ x 12 x 8½ in; 12 lb\$185

NILES**NSW-100 In-Wall Powered Subwoofer**

8-in treated-paper driver; separate amp rated at 100 W x 1. Designed for mounting between 16-in centered studs. Features vinyl-clad MDF enclosure; active crossover within amplifier. Line- and speaker-level inputs; high-pass and full-range line-level outputs. Auto turn-on; gain control. Crossover point 100 Hz; FR 38-100 Hz ±2 dB; imp 8 ohms. Subwoofer 14¼ x 42 x 3¼ in. Amplifier 17 x 3¼ x 12 in\$1,150

Model 300 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in cloth-dome tweeter. 2-position tweeter control. Power handling 150 W max; FR 40-20,000 Hz ±2 dB; sens 89 dB SPL/W/m;

imp 8 ohms. 10¼ x 14¼ x 3¼ in\$500/pr

OS-10 2-Way Outdoor Speaker

5¼-in polypropylene woofer, 1-in dome tweeter. Features mineral-filled polypropylene cabinet with tapering for corner/edge placement. Power handling 100 W max; FR 65-21,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8¾ x 11 x 7¾ in\$400/pr

Model 100 2-Way In-Wall Speaker

6½-in polypropylene woofer, ¾-in polycarbonate-dome tweeter. Features treated-foam woofer surround. 2-position tweeter control. Power handling 75 W max; FR 55-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 11 x 3¼ in\$275/pr

Model 200. As above, 1-in cloth-dome tweeter. Butyl-rubber woofer surround. Power handling 100 W max; FR 50-20,000 Hz ±2 dB; sens 88 dB SPL/W/m. 9 x 11 x 3¼ in\$375/pr

Model 75 2-Way In-Ceiling Speaker

5¼-in polypropylene woofer, ¾-in polycarbonate-dome tweeter. Power handling 50 W max; FR 63-20,000 Hz ±4 dB; sens 91 dB SPL/W/m; imp 8 ohms. Square flush grille and bezel. 7 x 7 x 2½ in\$250/pr

Model 76. As above, round flush grille and bezel. 7¾-in diameter x 3¼-in depth\$250/pr

Model 77. As above, recessed-lighting-type grille and bezel\$250/pr

NSM LOUDSPEAKERS

The following feature a 5-yr warranty.

Model 75 4-Way Speaker

Two 6½-in poly cone woofers, two 4½-in poly cone midranges, one 1-in soft-dome tweeter. Features Ferrofluid driver cooling; 6-, 12-, and 18-dB/oct crossovers; open-cell foam, polyester, and sand damping. Biwire/biamp terminals. Power handling 200 W max; FR 35-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Piano-black or walnut-veneer finish. 9 x 47 x 10 in; 74 lb\$2,795/pr

Model 15 System 2. Two Model 15EXP subwoofers and two Model 10 speakers\$2,185

Model 15 System 1. As above, one Model 15EXP subwoofer\$1,390

Model 50 3-Way Speaker

Two 6½-in poly cone woofers, one 1-in soft-dome tweeter. Features Ferrofluid driver cooling; 6-dB/oct crossovers; open-cell foam and polyester damping. Biwire/biamp terminals. Power handling 200 W max; FR 40-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Piano-black or walnut-veneer finish. 9 x 36 x 10 in; 48 lb\$1,495/pr

Model 25. As above, one woofer. Sens 82 dB SPL/W/m. 9 x 22 x 10 in; 60 lb\$895/pr

Model 20M 2-Way Bookshelf Speaker

Coaxial design with 6½-in poly cone woofer and fabric-dome tweeter. Features 6-dB/oct crossovers; open-cell foam and polyester damping. Magnetic shielding. Biwire/biamp terminals. Power handling 200 W max; FR 45-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Piano-black or walnut-veneer finish. 8 x 14 x 9 in; 38 lb\$1,190/pr

Model 15EXP Subwoofer

10-in treated-paper driver. Features open-cell foam and polyester damping; air-core coils. FR 25-250 Hz ±3 dB; sensitivity 90 dB SPL/W/m; imp 8 ohms. Matte black and walnut finish. Dimensions: 18 x 12 x 14 in; 45 lb\$795

Model 10S 2-Way Bookshelf Speaker

4½-in poly cone woofer, 1-in soft-dome tweeter. Features 6-dB/oct crossovers; open-cell foam and polyester damping. Biwire/biamp terminals. Stand optional. Power handling 200 W max; FR 55-20,000 Hz ±3 dB; sens 84 dB SPL/W/m; imp 8 ohms. Piano-black or walnut-veneer finish. Dimensions: 5½ x 10 x 6 in\$695/pr

Model 10. As above, terminals not biwire/bi-amp\$595/pr

OHM ACOUSTICS**Walsh 5 Speaker**

27-position control to match listening room. Power handling 650 W; FR 25-25,000 Hz; sens 88 dB; imp 4 ohms. Various wood-veneer finishes. Dimensions: 17 x 43 x 17 in\$7,000/pr

Walsh 300. As above, without controls. Power handling 300 W. Oak, walnut, or black wood-veneer finish. 18 x 49 x 14 in\$2,795/pr

Walsh 200 Speaker

Features controlled dispersion from 360° for bass to 180° for treble. Power handling 200 W; FR 32-22,000 Hz; imp 8 ohms. Oak, walnut, or black wood-veneer cabinet. 16 x 43 x 12 in\$1,695/pr

Ohm C2 Speaker

Power handling 200 W; FR 29-25,000 Hz; sens 86 dB; imp 6 ohms. Black or walnut-veneer finish. 13 x 35 x 11 in\$1,395/pr

Walsh 100 Speaker

Power handling 100 W; FR 40-20,000 Hz; imp 8 ohms. Oak, walnut, or black wood-veneer finish. 14 x 39 x 18 in\$1,195/pr

SB-4 Subwoofer

Designed specifically for Dolby Pro Logic amplifiers and use with SAT-2s. Features design for front-left, front-right, center, and rear channels to contribute to output. Stand capability for TVs up to 32 in. Power handling 150 W; sens 90 dB. Textured black finish. 28 x 17 x 18 in\$495

SAT-2 2-Way Satellite Speaker

5¼-in long-throw woofer, ¾-in dome tweeter. Features cast metal cabinet; Ferrofluid driver cooling. Power handling 150 W; crossover point 100 Hz; sens 90 dB; imp 6 ohms. Textured black or white finish. 6 x 7 x 6 in\$450/pr

CAM-16HVC Bookshelf Speaker

Horizontal or vertical placement. Power handling 85 W; FR 46-20,000 Hz; sens 89 dB; imp 8 ohms. Black vinyl finish. 11 x 17 x 11 in\$300

Pair of above\$550

SB-1 Subwoofer

Designed for use with SAT-2s. Features 100-Hz crossover. Power handling 150 W; 90 dB sens; imp 6 ohms. Black or white textured finish. Dimensions: 13 x 9 x 23 in\$295

SAT-1 Surround Speaker

Power handling 60 W; FR 100-12,000 Hz; imp 6 ohms. Various mounting systems available. Black vinyl-covered wood finish. 7 x 8 x 7 in\$199/pr

OPTIMUS BY RADIO SHACK**PRO SW-10P Powered Subwoofer**

Ported design with 10-in driver; amp rated at 120 W x 1 rms into 4 ohms. Features motion-sensing design to correct deviations from signal; high-cut filter variable from 25-200 Hz. Line- and speaker-level inputs. Auto turn-on. FR 25-250 Hz. Dimensions: 13¼ x 13¼ x 15½ in\$400

PRO 4000 3-Way Speaker

Bass-reflex design with 15-in woofer, 5-in midrange, and 1½ x 2¼-in horn tweeter. Ferrofluid midrange and tweeter cooling. Power handling 160 W rms; FR 35-20,000 Hz. Oiled walnut wood finish. 17½ x 31½ x 11½ in\$300

PRO SWS-500 Subwoofer/Satellite System

Ported subwoofer with 10-in bottom-firing dual-voice-coil driver; 2 satellites, each with 4-in passive radiator, 3-in woofer, and ½-in dome tweeter. Magnetic satellite shielding. Power handling 100 W rms; FR 40-18,000 Hz\$300

PRO SWS-501 Subwoofer/Satellite System

Subwoofer with 12-in bottom-firing dual-voice-coil driver; 2 swiveling satellites, each with 8-in woofer

S P E A K E R S

and 1/2-in tweeter. Power handling 100 W rms sub-woofer, 40 W rms satellites; FR 35-20,000 Hz . \$250

PRO SW-12 Subwoofer
12-in bottom-firing dual-voice-coil driver. Power handling 100 W rms; FR 35-250 Hz. Black woodgrain finish . \$150

Model 990 2-Way Speaker
Bass-reflex design with 15-in woofer and 3 x 15-in piezo horn tweeter. Power handling 100 W rms; FR 50-20,000 Hz. Oiled-walnut wood finish. 19 1/4 x 23 1/4 x 1 1/4 in . \$150

PRO CS-2 Center/Surround System
Center-channel speaker with two 4 1/2-in woofers and one 2-in tweeter; 2 surround speakers, each with 4 1/2-in driver. Magnetic center-channel shielding. Power handling 35 W rms center channel, 25 W rms surrounds . \$130

PRO LX5 2-Way Bookshelf Speaker
5-in long-throw polypropylene woofer, 2 x 4-in top-mounted Ferrofluid-cooled dipole tweeter. Features design by Lineaum; ported die-cast aluminum enclosure. Power handling 55 W rms; FR 70-25,000 Hz. 10 1/2 x 6 1/4 x 6 1/2 in . \$130

XTS 9 2-Way Bookshelf Speaker
Bass-reflex design with 5 1/4-in woofer and 1 1/4-in dome tweeter. Power handling 50 W rms; FR 110-20,000 Hz. 9 1/4 x 6 x 6 1/4 in . \$130/pr

STS 1000 3-Way Speaker
12-in long-throw woofer, 5-in midrange, 3/4-in dome tweeter. Power handling 100 W rms; FR 40-20,000 Hz. Woodgrain black vinyl finish. Dimensions: 14 x 29 1/4 x 10 1/4 in . \$130

PRO X77 2-Way Bookshelf Speaker
5-in woofer, 3 x 3 1/2-in tweeter. Features design by Lineaum; ported aluminum enclosure. Power handling 60 W rms; FR 90-25,000 Hz. Gray. 5 1/2 x 8 x 5 1/2 in . \$100

PRO 300 2-Way Speaker
Tuned-port design with 10-in long-throw woofer and 3-in tweeter. Power handling 100 W rms; FR 60-20,000 Hz. Walnut wood finish. Dimensions: 12 1/4 x 22 1/2 x 8 1/2 in . \$100

PRO CS-1 2-Way Center-Channel Speaker
Two 5-in woofers, one 1/2-in tweeter. Magnetic shielding. Power handling 35 W rms; FR 100-20,000 Hz. 17 1/2 x 6 1/2 x 6 1/2 in . \$80

PRO 77 2-Way Bookshelf Speaker
5-in long-throw woofer, 1-in tweeter. Features ported die-cast enclosure. Power handling 70 W rms; FR 50-20,000 Hz. Black or white . \$80

XTS 8 2-Way Satellite Speaker
3 1/4-in woofer and 2 1/2-in tweeter in swiveling enclosure. Power handling 30 W rms; Frequency response 220-20,000 Hz . \$80/pr

PRO 200 2-Way Bookshelf Speaker
Bass-reflex design with 8-in long-throw woofer and 2 1/2-in tweeter. Power handling 60 W rms; FR 65-20,000 Hz. Oiled walnut wood finish. Dimensions: 9 1/2 x 18 1/2 x 7 in . \$80

STS 100 3-Way Bookshelf Speaker
Sealed design with 8-in woofer, 4-in midrange, and 3/4-in dome tweeter. Power handling 50 W rms; FR 75-20,000 Hz. Black woodgrain vinyl finish. 10 1/4 x 16 1/4 x 12 1/4 in . \$80

PRO X7 2-Way Bookshelf Speaker
4-in woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Features sealed die-cast enclosure. Power handling 50 W rms; FR 120-20,000 Hz . \$70

PRO 7AV 2-Way Bookshelf Speaker
4-in long-throw woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Features sealed die-cast metal enclosure. Spring terminals. Magnetic shielding. Power handling 40 W rms; FR 120-20,000 Hz. Black or white . \$70

sure. Spring terminals. Magnetic shielding. Power handling 40 W rms; FR 120-20,000 Hz. Black or white . \$70

PRO LX4 2-Way Bookshelf Speaker
Ported design with 4-in woofer and 3 x 3 1/2-in Ferrofluid-cooled tweeter. Features design by Lineaum. Power handling 60 W rms; FR 100-25,000 Hz. Oiled walnut finish. 5 1/2 x 9 1/2 x 5 1/4 in . \$70

PRO 127 2-Way Bookshelf Speaker
Ported design with 5-in long-throw woofer and 1 1/4-in tweeter. Power handling 50 W rms; FR 85-20,000 Hz. Oiled walnut wood finish. 8 1/2 x 11 1/2 x 6 1/4 in . \$70

PRO 7 2-Way Bookshelf Speaker
4-in woofer, 1-in dome tweeter. Power handling 50 W rms; FR 100-20,000 Hz. Black or white. 4 1/2 x 7 1/2 x 4 1/2 in . \$60

PRO X5 2-Way Bookshelf Speaker
3-in woofer, 1-in Ferrofluid-cooled tweeter. Power handling 20 W rms; FR 150-20,000 Hz. 4 x 6 1/2 x 4 1/2 in . \$40

STS 50 2-Way Bookshelf Speaker
Sealed design with 5-in long-throw woofer and 2 1/2-in cone tweeter. Power handling 40 W rms; FR 90-20,000 Hz. Walnut vinyl finish. 6 1/2 x 11 x 5 1/4 in . \$40

XTS 22 Bookshelf Speaker
4-in driver. Power handling 20 W rms; FR 100-18,000 Hz. Black woodgrain finish . \$30

XTS 40 Bookshelf Speaker
4-in driver. Magnetic shielding. Power handling 20 W rms; FR 150-18,000 Hz. Black woodgrain finish . \$20

ORACLE

Helicon 3-Way Speaker
9 1/2-in down-firing long-throw polymer woofer, 5 1/4-in polymer midrange, 44-in ribbon tweeter. Features asymmetrical antiresonance design; cabinet tuning for 12-dB/oct woofer rolloff; mechanical driver decoupling; metal-oxide-particle woofer and midrange enhancement; crossover with air-core inductors and polypropylene capacitors. Power handling 200 W; crossover points 200 and 3,000 Hz; FR 35-20,000 Hz ±2 dB; sens 83 dB SPL/W/m; imp 6.5 ohms. 14 x 58 x 14 in; 133 lb . \$7,995/pr

Minerva 3-Way Speaker
Two 8-in woofers, 8-in midrange, 44-in ribbon tweeter. Power handling 200 W; crossover points 100 and 3,500 Hz; FR 50-20,000 Hz ±2 dB; sens 84 dB SPL/W/m; imp 8 ohms. Textured-black or black-piano finish. 15 x 55 1/2 x 14 in; 114 lb . \$5,995/pr

Mentor Studio 3-Way Speaker System
8-in woofer, 5 1/2-in midrange, 3/4-in soft-dome tweeter. Power handling 120 W; crossover points 100 and 3,500 Hz; FR 50-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 4 ohms. Textured-black, black-piano, or molded-granite finish. Dimensions: 10 x 37 1/2 x 14 in; 64 lb . \$3,790

Thalia 3-Way Speaker
8-in woofer, 5 1/2-in midrange, 3/4-in soft-dome tweeter. Power handling 120 W; crossover points 100 and 3,500 Hz; FR 50-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 4 ohms. Textured-black or black-piano finish. 10 x 35 1/2 x 14 in; 54 lb . \$2,995/pr

Mentor Monitor 2-Way Bookshelf Speaker
5 1/2-in woofer, 3/4-in soft-dome tweeter. Power handling 120 W; crossover point 3,500 Hz; FR 55-22,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 4 ohms. Textured-black, black-piano, or molded-granite finish. 7 1/2 x 13 1/4 x 12 in; 19 lb . \$1,795/pr

OWI

OWI speakers are covered by a 5-yr limited manufacturer's product warranty; are die-cast aluminum enclosures; are weatherized for water resistance; include U-mount bracket assemblies on all outdoor models. See Accessories for options such as special ceiling- or wall-mount bracket assemblies, new construction wall-mount rough-in kits, attenuators, power selectors, volume controls, transformers, impedance integrators, in-ground stakes, and timers. The Little Rock, Little Rock Plus, Mesa Rock, Mesa Rock Plus, Granite River Rock, Granite River Rock Plus, Reef Rock, Reef Rock Plus, El Paso, and Carlsbad are speakers camouflaged as rocks for use in natural outdoor settings.

include U-mount bracket assemblies on all outdoor models. See Accessories for options such as special ceiling- or wall-mount bracket assemblies, new construction wall-mount rough-in kits, attenuators, power selectors, volume controls, transformers, impedance integrators, in-ground stakes, and timers. The Little Rock, Little Rock Plus, Mesa Rock, Mesa Rock Plus, Granite River Rock, Granite River Rock Plus, Reef Rock, Reef Rock Plus, El Paso, and Carlsbad are speakers camouflaged as rocks for use in natural outdoor settings.

Carlsbad Series
The following have multiple-tone brown or gray finishes, measure 21 x 24 x 16 in, and weigh 70 lb.

CR-5752 2-Way Outdoor Speaker
Features 70-V transformer. Power selector switch with 20 W, 30-W, 40-W, 50-W settings . \$92

CR-573 3-Way Outdoor Speaker.
Features 70-V transformer. Power selector 2.5, 5, 10, 15-W settings . \$957
CR-572. As above, 2-way . \$946
CR-525. As CR-572, but features 25-V transformer . \$946

CR-503 3-Way Outdoor Speaker
Power handling 120 W max; imp 8 ohms . \$914
CR-502. As above, 2-way . \$900

El Paso Series
The following have granite or multiple-tone brown or gray finish, measure 21 x 24 x 16 in, and weigh 64 lb.

EP-5752 2-Way Outdoor Speaker
Features 70-V transformer. Power selector with 20, 30, 40, 50-W settings . \$798

EP-573 3-Way Outdoor Speaker
Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings . \$766
EP-572. As above, 2-way . \$750
EP-525. As EP-572, but features 25-V transformer . \$750

EP-503 3-Way Outdoor Speaker
Power handling 120 W max; imp 8 ohms . \$720
EP-502. As above, 2-way . \$708

Reef Rock Plus Series
The following have black, coral, or red finish, measure 16 x 17 x 11 in, and weigh 39 lb.

RRP-5752 2-Way Outdoor Speaker
Features 70-V transformer. Power selector with 20, 30, 40, 50-W settings . \$694

RRP-573 3-Way Outdoor Speaker
Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings . \$663
RRP-572. As above, 2-way . \$648
RRP-525. As RRP-572, but features 25-V transformer . \$648

RRP-503 3-Way Outdoor Speaker
Power handling 120 W max; 8 imp ohms . \$617
RRP-502. As above, 2-way . \$606

Granite River Rock Plus Series
The following have a granite finish, measure 21 x 23 x 11 in, and weigh 40 lb.

GRP-5752 2-Way Outdoor Speaker
Features 70-V transformer. Power selector with 20, 30, 40, 50-W settings . \$694

GRP-573 3-Way Outdoor Speaker
Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings . \$663
GRP-572. As above, 2-way . \$648
GRP-525. As GRP-572, but features 25-V transformer . \$648

GRP-503 3-Way Outdoor Speaker
Power handling 120 W max; imp 8 ohms . \$617

The Best Subwoofers In The World!



12 SUBS TESTED BY SOUND & IMAGE

MAKE & MODEL...	SOUND QUALITY
a/d/s/ - MS3	A
Klipsch - SW-12	A
Janis - System 3A	A-
Velodyne - VA1012	B+
M&K - 90	B+
PSB - Subsonic II	B+
Triad - Thunder Silver	B+
Sonance - DL15	B
Energy - AS-180	B-
Kinergetics - 102V	B-
Infinity - SSW 10	C-
Sound Dynamics - A SUB-15	C-

Excerpted from Sound & Image Magazine, Summer 1994, "Sub-Mission." Text by Tom Nousaine. Text used with permission. For a complete test report, contact Sound & Image Magazine at 212.767.6020.

"...Sonically, the MS3 had an exceptionally full sound that was absolutely thrilling to hear."

"...This sub also added a great deal of clean and subtle depth to orchestral music that has lots of lows."

"...Everything sounded great with this sub, which went all the way down to 23 Hz in my living room ... and blasted out 104 dB SPL when playing solo."

"...A bravura performance."

—Tom Nousaine, Sound & Image Magazine

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S P E A K E R S

GRP-502. As GRP-503, 2-way\$606

Mesa Rock Plus Series

The following have granite or multiple-tone brown or gray finish, measure 16 x 23 x 10 in, and weigh 40 lb.

MRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with 20, 30, 40, 50-W settings\$668

MRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$637
MRP-572. As above, 2-way\$623
MRP-525. As MRP-572, but features 25-V transformer\$623

MRP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms\$590
MRP-502. As above, 2-way\$580

Reef Rock Series

The following have black, coral, or red finish, measure 16 x 17 x 11 in, and weigh 34 lb.

RR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$560

RR-702. As above, 2-way\$546

RR-25. As RR-702, but features 25-V transformer\$546

RR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms\$514

RR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms\$502

Granite River Rock Series

The following have a granite finish, measure 21 x 23 x 11 in, and weigh 35 lb.

GR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$560

GR-702. As above, 2-way\$546

GR-25. As GR-702, but features 25-V transformer\$546

GR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms\$514

GR-202 2-Way Outdoor Speaker

Power handling 80 W max; 8 ohms\$502

Mesa Rock Series

The following have granite or multiple-tone brown or gray finish, measure 16 x 23 x 10 in, and weigh 35 lb.

MR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$528

MR-702. As above, 2-way\$514

MR-25. As MR-702, but features 25-V transformer\$514

MR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms\$489

MR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms\$477

Little Rock Plus Series

The following have granite or multiple-tone brown or gray finish, measure 14 x 16 x 10 in, and weigh 35 lb.

LRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with 20, 30, 40, 50-W settings\$528

LRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$495

LRP-572. As above, 2-way\$483

LRP-525. As LRP-572, but features 25-V transformer\$483

LRP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms\$450

LRP-502. As above, 2-way\$437

Little Rock Series

The following have granite or multiple-tone brown or gray finish, measure 14 x 16 x 10 in, and weigh 30 lb.

LR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with 2.5, 5, 10, 15-W settings\$380

LR-702. As above, 2-way\$366

LR-25. As LR-702, but features 25-V transformer\$366

LR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms\$335

LR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms\$320

500 Series

Model 5752-B 2-Way Outdoor Speaker

5/8-in polypropylene coated woofer and 2-in Mylar tweeter. Features built-in 70-V transformer. Power selector switch with 20-W, 30-W, 40-W, and 50-W settings. Mounting bracket optional. Power handling 50 W max; crossover point at 6,000 Hz; FR 60-19,000 Hz; sens 93 dB SPL/W/m. Black finish. 10 x 6 1/2 x 6 in; 8.8 lb\$289

Model 5752-C. As above, cream finish\$289

Model 5752-W. As above, white finish\$289

Model 573-B 3-Way Outdoor Speaker

5/8-in polypropylene woofer, 2-in Mylar tweeter, and 1-in Mylar tweeter. Features built-in 70-V transformer. Power selector switch with 2.5-W, 5-W, 10-W, and 15-W settings. Mounting bracket optional. Power handling 15 W max; crossover point at 6,900 Hz; FR 60-22,000 Hz; sens 93 dB SPL/W/m. Black finish. 10 x 6 1/2 x 6 in; 7 lb\$260

Model 573-C. As above, cream finish\$260

Model 573-W. As above, white finish\$260

Model 573-P. As above, primer finish for custom color application\$260

Model 572-B 2-Way Outdoor Speaker

As Model 573-B above, no 1-in Mylar tweeter. FR 60-19,000 Hz; crossover point at 6,000 Hz. 7.1 lb\$246

Model 572-C. As above, cream finish\$246

Model 572-W. As above, white finish\$246

Model 525-B 2-Way Outdoor Speaker

As Model 572-B above, but 25-V transformer\$246

Model 525-C. As above, cream finish\$246

Model 525-W. As above, white finish\$246

Model 503-B 3-Way Outdoor Speaker

5/8-in polypropylene coated woofer, 2-in Mylar tweeter, and 1-in Mylar tweeter. Features low impedance output. Mounting bracket optional. Power handling 120 W max; crossover point at 6,900 Hz; FR 60-22,000 Hz; 93 dB SPL/W/m; imp 8 ohms. Black finish. 10 x 6 1/2 x 6 in; 7 lb\$420/pr

Model 503-C. As above, cream finish\$420/pr

Model 503-W. As above, white finish\$420/pr

Model 503-P. As above, primer finish for custom color application\$420/pr

Model 502-B 2-Way Outdoor Speaker

5/8-in polypropylene coated woofer and 2-in Mylar tweeter. Features low impedance output. Mounting bracket optional. Power handling 120 W max; crossover point at 6,000 Hz; FR 60-19,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. Black finish. 10 x 6 1/2 x 6 in; 7 lb\$399/pr

Model 502-C. As above, cream finish\$399/pr

Model 502-W. As above, white finish\$399/pr

200 Series

Model 203-B 3-Way Outdoor Speaker

4-in polypropylene-coated woofer, 2-in Mylar tweeter, and 1/2-in Mylar tweeter. Features low impedance output; 10-oz strontium magnet. Wire grille and L mounting bracket optional (see Accessories). Power handling 100 W max; crossover point at 6,900 Hz; FR

90-22,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Black finish. 4 1/2 x 7 x 4 in; 4.4 lb\$229/pr

Model 203-C. As 203-B, cream finish\$229/pr

Model 203-W. As above, white finish\$229/pr

Model 203-P. As above, primer finish for custom color application\$229/pr

Model 202-B 2-Way Outdoor Speaker

As Model 203-B above, but no 1/2-in Mylar tweeter. Power handling 80 W max; crossover point at 6,000 Hz; FR 90-20,000 Hz\$199/pr

Model 202-C. As above, cream finish\$199/pr

Model 202-W. As above, white finish\$199/pr

Model 202-P. As above, primer finish for custom color application\$199/pr

M-5CX 2-Way Outdoor Speaker

Coaxial design with 5/8-in polypropylene cone woofer and 1 1/4-in polyester film cone tweeter. Features 6.7-oz strontium magnet; patented one-piece construction; watertight front housing. Power handling 40 W max; FR 50-20,000 Hz; sens 94 dB ±2 dB SPL/W/m; imp 4 ohms. White finish. 1.4 lb\$74

M-4F Outdoor Speaker

4-in polypropylene cone woofer. Features 4.3-oz magnet; patented one-piece construction; watertight front housing. Power handling 30 W max; FR 70-18,000 Hz; sens 90 dB ±2 dB SPL/W/m; imp 4 ohms. White finish. 1 lb\$50

In-Wall Series

Model IWS-8 In-Wall Subwoofer

8-in cone driver. Features 25-oz woofer magnet and dual-impedance super woofer dual voice coil subwoofer. Rough-in (new construction) wall-mounting kit, volume control, and transformer are optional (see Accessories). Power handling 100 W max; crossover point at 120 Hz; FR 30-500 Hz; sens 90 dB SPL/W/m; imp 8 ohms x 2. White finish. 11 x 15 x 3 1/2 in\$199

Model IW-6 2-Way In-Wall Speaker

6 1/2-in polycarbonate cone woofer and 1-in soft dome tweeter. Features 10-oz woofer magnet, voice coil subwoofer. Options as above per Model IWS-8. Power handling 60 W max; crossover point at 5,000 Hz; FR 60-21,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. White finish. 8 1/2 x 12 x 3 in\$254/pr

Model IW-5 2-Way In-Wall Speaker

5 1/2-in polycarbonate cone woofer and 1-in polyimide tweeter. Features 10-oz woofer magnet. Options as above per Model IWS-8. Power handling 60 W max; crossover point at 3,000 Hz; FR 60-21,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. White finish. Dimensions: 7 x 9 x 3 in\$184/pr

700 Series

Model 703-B 3-Way Outdoor Speaker

4-in polypropylene-coated woofer, 2-in Mylar tweeter, and 1/2-in Mylar tweeter. Features built-in 70-V transformer; high impedance output; 10.3-oz strontium magnet. Power selector switch with 2.5-V, 5-V, 10-V, and 15-V settings. Wire grille and L mounting bracket optional (see Accessories). Power handling 15 W max; crossover point at 6,900 Hz; FR 90-22,000 Hz; sens 92 dB SPL/W/m. Black finish. 4 1/2 x 7 x 4 in; 6.4 lb\$155

Model 703-C. As above, cream finish\$155

Model 703-W. As above, white finish\$155

Model 703-P. As above, primer finish for custom color application\$155

Model 702-B 2-Way Outdoor Speaker

As Model 703-B above, but no 1/2-in Mylar tweeter. Crossover point at 6,000 Hz; FR 90-20,000 Hz. 5.3 lb\$140

Model 702-C. As above, cream finish\$140

Model 702-W. As above, white finish\$140

Model 702-P. As above, primer finish for custom color application\$140

Model 25-B 2-Way Outdoor Speaker

4-in polypropylene-coated woofer and 2-in Mylar tweeter. Features built-in 25-V transformer; 10.3-oz strontium magnet; high impedance output. Power se-

lector switch with 2.5-W, 5-W, 10-W, 15-W settings. Wire grille and L mounting bracket optional (see Accessories). Power handling 15 W max; crossover at 6,000 Hz; FR 90-22,000 Hz; sens 92 dB SPL/W/m. Black finish. 4½ x 7 x 4 in; 5.3 lb . . . \$140
Model 25-C. As 25-B, cream finish . . . \$140
Model 25-W. As above, white finish . . . \$140

PANASONIC

RP-SP50 Mini Speaker System

2 speakers, each with 2-in driver; defeatable amp rated at 400 mW x 2. Speakers join together for carrying. Power handling 200 mW/ch amp defeated. 6.3 oz without cord or battery . . . \$60

RP-SP15 Mini Speaker

2¼-in driver. Pair joins together for carrying. Power handling 400 mW max. Pair 8.1 oz without cord . . . \$19.95/pr

PARADIGM

PS-1000 Powered Subwoofer

Band-pass design with 10-in driver; amp rated at 120 W rms. Features 18-dB/oct high-pass crossover at 85 Hz; low-pass crossover variable from 50-150 Hz. Line- and speaker-level inputs. Variable phase; auto turn-on/off. FR 30-100 Hz ±2 dB. 17 x 16¾ x 19 in; 55 lb . . . \$519

ADP-150 2-Way Surround Speaker

Two 5½-in polypropylene woofers, two ¾-in Ferrofluid-cooled polyimide-dome tweeters. Features phase-corrected 12-dB/oct crossover. Power handling 100 W; FR 65-20,000 Hz; sens 89 dB SPL/W/m. White or black-ash finish. 8¾ x 10½ x 6½ in; 23 lb . . . \$399/pr

SB-120 Subwoofer

Band-pass design with 12-in dual-voice-coil driver. Features 24-dB/oct crossover. Crossover point 100 Hz. Power handling 250 W; FR 26-100 Hz ±2 dB; sens 95 dB SPL/W/m. 19 x 16¾ x 28 in; 57 lb . . . \$359

SB-100. As above, 10-in driver. Power handling 200 W; FR 36-100 Hz ±2 dB; sens 94 dB SPL/W/m. 17 x 16¾ x 19 in; 42 lb . . . \$249

SB-80. As SB-120, 8-in driver. Power handling 150 W; FR 40-100 Hz ±2 dB; sens 93 dB SPL/W/m. 10½ x 16¾ x 19 in; 33 lb . . . \$209

ADP-100 2-Way Surround Speaker

Two 5-in polypropylene woofers, two ¾-in Ferrofluid-cooled polymer-dome tweeters. Features phase-corrected 12-dB/oct crossover. Power handling 80 W; FR 85-20,000 Hz; sens 88 dB SPL/W/m. White or black-ash finish. 8¾ x 8½ x 6½ in; 16 lb . . . \$319/pr

CC-300 2-Way Center-Channel Speaker

Two 6-in polypropylene woofers, one 1-in treated-textile dome tweeter. Features 18-dB/oct phase-corrected crossover. Biwire/biamp terminals. Power handling 175 W; FR 38-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. Black-ash finish. Dimensions: 22 x 7½ x 15 in; 25 lb . . . \$299

CC-200 2-Way Center-Channel Speaker

Two 5½-in polypropylene woofers, one ¾-in polyimide-dome tweeter. Features 12-dB/oct phase-corrected crossover. Power handling 120 W; FR 60-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. Black-ash finish. 17¼ x 6¼ x 14½ in; 20 lb . . . \$199

CC-100. As above, FR 70-20,000 Hz ±2 dB. 19½ x 6½ x 7½ in; 18 lb . . . \$199

Monitor Series

The following feature phase-corrected crossovers and Medite baffles and platform bracing. They are available in walnut, light-oak, dark-oak, or black-oak wood-veneer finish.

Studio Monitor 3-Way Speaker

Two 8-in mineral-filled polypropylene woofers, one 5-in mineral-filled polypropylene midrange, one 1-in aluminum-dome tweeter. Features 12- and 18-dB/oct crossovers. Triwire/triamp terminals. Power handling

300 W; FR 25-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 12¼ x 43½ x 16½ in; 93 lb . . . \$1,899/pr

Bipolar Series

The following feature a 1-in Ferrofluid-cooled aluminum-dome tweeter, phase-corrected crossovers, and Medite baffles, radial bracing, and platform bracing. They are available in walnut, light-oak, dark-oak, or black-oak hardwoods and black gloss.

Esprit/BP 2-Way Speaker

Bipolar design with two 8-in mineral-filled polypropylene woofers and two 1-in Ferrofluid-cooled aluminum-dome tweeters. Features 18-dB/oct crossovers. Biwire/biamp terminals. Power handling 200 W; FR 23-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 8½ x 46¾ x 13½ in; 75 lb . . . \$625

Eclipse/BP 2-Way Speaker

Bipolar design with 1-in Ferrofluid-cooled aluminum-dome tweeter. Biwire/biamp terminals. Power handling 300 W; FR 20-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 11½ x 49¾ x 16½ in; 95 lb . . . \$NA

Mk Performance Series

The following feature Ferrofluid tweeter cooling, phase-corrected crossovers, and critical radial/lateral bracing and are available in oak or black-ash finish. Some models are available in rosewood or black gloss finish.

Model 11se MkIII 3-Way Speaker

Two 8-in polypropylene woofers, 6-in polypropylene-cone midrange, 1-in treated-textile dome tweeter. Features 12- and 18-dB/oct crossovers. Biwire/biamp terminals. Power handling 250 W; FR 28-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. 11¼ x 43¾ x 15½ in; 68 lb . . . \$1,049/pr

Model 9se MkIII 2-Way Speaker

Two 8-in polypropylene woofers. 1-in treated-textile dome tweeter. Features 18-dB/oct crossover. Biwire/biamp terminals. Power handling 200 W; FR 32-20,000 Hz ±2 dB; sens 93 dB SPL/W/m. 10½ x 37 x 14¾ in; 50 lb . . . \$749/pr

Model 7se MkIII. As above, 6-in woofers, 12-dB/oct crossover. Power handling 175 W; FR 34-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. 8¾ x 34¾ x 14¾ in; 43 lb . . . \$629/pr

Model 5se MkIII. As Model 9se MkIII, one woofer, 12-dB/oct crossover. Power handling 150 W; FR 32-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 9¾ x 33¾ x 11½ in; 35 lb . . . \$529/pr

Model 3se MkIII. As Model 5se MkIII, terminals not for biwiring. FR 38-20,000 Hz ±2 dB. 10 x 20½ x 11½ in; 24 lb . . . \$419/pr

Mini MkII 2-Way Bookshelf Speaker

6-in polypropylene woofer, 1-in treated-textile dome tweeter. Features 12-dB/oct crossover. Power handling 100 W; FR 48-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. 8¾ x 14¾ x 9½ in; 18 lb . . . \$319/pr

Architectural Monitor Series

The following feature a one-piece die-cast aluminum housing/driver chassis, die-cast mounting brackets, phase-corrected crossovers, and a white enamel finish.

AMS-300 2-Way In-Wall Speaker

8-in mineral-filled polypropylene woofer, 1-in Ferrofluid-cooled aluminum-dome tweeter. Features 18-dB/oct crossover. Power handling 150 W; FR 45-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 8¾ x 12¾ x 3¾ in; 14 lb . . . \$479/pr

AMS-200 2-Way In-Wall Speaker

6-in mineral-filled polypropylene woofer, 1-in Ferrofluid-cooled treated-textile dome tweeter. Features 18-dB/oct crossover. Power handling 100 W; FR 70-20,000 Hz ±2.5 dB; sens 88 dB SPL/W/m. 8 x 12 x 3¾ in; 12 lb . . . \$379/pr

Performance Series

The following feature a Ferrofluid cooling/damping, a phase-corrected crossover, and are available in oak

or black-ash finish. Some are available in white, black gloss, or rosewood gloss.

Phantom 2-Way Speaker

8-in polypropylene woofer, ¾-in treated-textile dome tweeter. Features 12-dB/oct crossover. Power handling 150 W; frequency response 40-20,000 Hz ±2 dB; sensitivity 90 dB SPL/W/m. Dimensions: 9¾ x 18¼ x 11½ in; 22 lb . . . \$309/pr

Titan 2-Way Bookshelf Speaker

6-in polypropylene woofer, ¾-in polyimide-dome tweeter. Features 12-dB/oct crossover. Power handling 100 W; frequency response 55-20,000 Hz ±2 dB; sensitivity 88 dB SPL/W/m. Dimensions: 7¾ x 12½ x 9½ in; 13 lb . . . \$209/pr

Atom. As above, 5½-in woofer. Power handling 80 W; FR 60-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. 6½ x 10 x 7½ in; 9 lb . . . \$169/pr

Micro 2-Way Bookshelf Speaker

5-in polypropylene woofer, ¾-in polymer-dome tweeter. Features 12-dB/oct crossover. Power handling 60 W; FR 70-20,000 Hz ±2.5 dB; sens 88 dB SPL/W/m. 6½ x 8½ x 7½ in; 6 lb . . . \$139/pr

PARAGON ACOUSTICS

Regent 2-Way Speaker

Vented design with two 6½-in woofers and ¾-in fabric dome tweeter. Features resin-cast crossover; mass-loaded enclosure with damping via proprietary putty; Cardas internal wiring. Biwire/biamp terminals. Power handling 200 W cont avg; FR 32-20,000 Hz ±3 dB; sens 90.5 dB SPL/W/m; imp 6 ohms. Red walnut, natural cherry or black oak finish. 5-yr warranty. 10 x 15 x 47 in; 150 lb . . . \$2,800/pr

Jubilee 2-Way Bookshelf Speaker

Aperiodically damped design with 6½-in woofer and ¾-in fabric dome tweeter. Features resin-cast crossover; 1-in lockmiteder MDF cabinet; mass-loaded enclosure with damping via proprietary putty; separate isolated tweeter cabinet; Cardas internal wiring. Biwire/biamp terminals. Power handling 200 W cont avg; FR 60-20,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Red walnut, natural cherry or black oak finish. 5-yr warranty. Dimensions: 9 x 9½ x 16 in; 46 lb . . . \$1,495/pr

PARASOUND

GMAS-18 Powered Subwoofer

18-in long-throw ribbed carbon-fiber reinforced driver; separate outdoor amp rated at 650 W rms. Features polymer surround; 2¼-in-thick MDF-plywood front baffle; 1½-in-thick MDF-plywood rear panel; 1-in-thick composite walls; bypassable 12-dB/oct low-pass filter; bypassable 6-dB/oct passive high-pass filter; direct coupling with JFET inputs, MOSFET drivers, and bipolar output transistors; DC servos; relay protection. Gold-plated 5-way binding posts. Level control with THX reference; LED current-overload indicators. Crossover point variable from 35-80 Hz; Frequency response 10-80 Hz ±3.5 dB. Rosewood-veneer finish. Subwoofer 36 x 28 x 17½ in. Amplifier 19 x 5½ x 13 in . . . \$3,850

CS/T-280 2-Way In-Wall Speaker

8-in polycarbon woofer, 1-in Ferrofluid-cooled titanium-dome tweeter. Features 12-dB/oct crossover. Power handling 100 W rms; FR 36-22,000 Hz; sens 89 dB SPL/W/m; impedance 8 ohms. Cutout 8¾ x 12½ in . . . \$465/pr

CS/T-265. As above, 6½-in woofer. Power handling 75 W rms; FR 42-22,000 Hz; sens 88 dB SPL/W/m. Cutout 7¾ x 10½ in . . . \$345/pr

CS/T-255. As CS/T-280, 5½-in woofer. Power handling 75 W rms; FR 54-22,000 Hz; sens 87 dB SPL/W/m. Cutout 6¼ x 9½ in . . . \$249/pr

CS/W-802 In-Wall Subwoofer

8-in driver. Features butyl-rubber surround; 12-dB/oct crossover. Power handling 120 W rms; FR 29-140 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Cutout 8¾ x 12½ in . . . \$249

S P E A K E R S

CS/S-250 2-Way In-Wall Speaker

5 1/4-in paper woofer, 1-in polycarbonate-dome tweeter. Features 6-dB/oct crossover. Power handling 40 W rms; FR 70-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Cutout 6 1/4 x 9 3/4 in \$139/pr

Outdoor Speakers

Each features a hermetically sealed die-cast aluminum cabinet, a carbon-reinforced polypropylene cone, Ferrofluid tweeter damping, and is available in a paintable white or green finish.

AWM-380 2-Way Outdoor Speaker

Air-suspension design with 5 1/4-in woofer and 1-in polycarbonate-dome tweeter. Features 12-dB/oct crossover. Includes adjustable bracket. Power handling 80 W rms; crossover point 2,400 Hz; FR 48-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; impedance 8 ohms \$345/pr

AWM-360. As above, 4-in woofer. Power handling 60 W rms; crossover point 2,600 Hz; FR 65-20,000 Hz ± 3 dB; sens 86 dB SPL/W/m \$155/pr

AWS-280 2-Way Outdoor Speaker

Air-suspension design with 5 1/4-in woofer and 2-in cone tweeter. Features 6-dB/oct crossover. Power handling 70 W rms; crossover point 3,300 Hz; FR 55-20,000 Hz ± 4 dB; sens 88 dB SPL/W/m \$265/pr

PEGASUS

The following are available in kits. Contact the manufacturer for information.

RockMaster 3 2-Way Speaker

Vented design with 15-in woofer and 4 x 11-in horn tweeter. Crossover point 3,500 Hz; FR 46-20,000 Hz ± 3 dB; sens 97 dB; imp 6 ohms. Dimensions: 32 x 20 x 13 in \$2,400/pr

Gemini 2-Way Speaker

Composite-vented design with two 6 1/2-in woofers and one 1-in honeycomb tweeter. Crossover point 5,500 Hz; FR 40-20,000 Hz ± 3 dB; sens 87.2 dB SPL/W/m; imp 4 ohms. 10 x 39 x 10 in \$1,500/pr

Stereo Subwoofer

Vented dual-composite design with four 8-in drivers. FR 32-200 Hz ± 3 dB; sens 89 dB; imp 4 ohms. 22 x 32 x 13 in \$1,299

Quartet Subwoofer/Satellite System

Two subwoofers, each with 6 1/2-in driver; two satellites, each with 4 1/2-in woofer and 3/4-in dome tweeter. Crossover points 150 and 5,000 Hz; FR 46-20,000 Hz ± 3 dB; sens 92 dB; imp 8 ohms \$1,299

Lambda 2-Way Bookshelf Speaker

Vented design with 6 1/2-in polymer woofer and 3/4-in Ferrofluid-cooled polyimide-dome tweeter. Features 21-mm-thick Medite and plastic-laminate enclosure; monolithic baffle/brace; 6-dB/oct high-pass filter; internal cabinet damping with absorbing foam. Nickel-plated brass 5-way binding posts. Oak laminate finish. Power handling 75 W; sens 88 dB SPL/W/m; imp 6 ohms. 8 1/2 x 16 1/2 x 10 1/2 in; 20 lb \$850/pr

Alpha III 2-Way Bookshelf Speaker

Vented design with 5 1/4-in woofer and 3/4-in dome tweeter. Crossover point 4,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 86.5 dB SPL/W/m; imp 4 ohms. 17 x 7 x 11 in \$700/pr

Apollo Subwoofer

Vented design with two 10-in drivers. Features 29-200 Hz ± 3 dB; sens 90 dB; imp 4 ohms. 36 x 14 x 14 in \$675

Alpha IIA 2-Way Speaker

Vented design with 6 1/2-in woofer and 1-in honeycomb tweeter. Crossover point 5,500 Hz; FR 46-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 20 x 13 x 9 in \$600/pr

Athena Subwoofer

Vented design with 8-in driver. Features 35-200 Hz

± 3 dB; sens 87 dB; imp 8 ohms. Dimensions: 39 x 10 x 10 in \$500

Beta 2-Way Bookshelf Speaker

Vented design with 6 1/2-in woofer and 1-in dome tweeter. Crossover point 6,000 Hz; FR 65-15,000 Hz ± 3 dB; sens 85.6 dB SPL/W/m; imp 8 ohms. 17 x 11 x 7 in \$450/pr

P.E. LEON

The following feature a tuned-port design and an imp of 8 ohms.

M5 4-Way Speaker

One 12-in woofer, two 8-in woofers, one 3-in dome midrange, one 1-in dome tweeter. FR 28-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m. Black or rosewood finish \$11,400/pr

Epsilon 3-Way Speaker

Two 6-in woofers, one 4-in cone midrange, two 1-in dome tweeters. FR 35-22,000 Hz ± 2 dB; sens 88 dB SPL/W/m. Rosewood finish \$6,295/pr
Black \$6,575/pr

Integrale 3-Way Speaker

Two 10-in woofers, one 5-in cone midrange, one 3/4-in dome tweeter. FR 30-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m. Rosewood finish \$4,395/pr
Black \$3,995/pr

Trilog 2-Way Speaker

Two 7-in woofers, one 1-in dome tweeter. FR 35-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m. Rosewood finish \$3,090/pr
Black \$2,550/pr

ML2 2-Way Speaker

Two 7-in woofers, one 1-in dome tweeter. Frequency response 40-22,000 Hz ± 3 dB; sensitivity 90 dB SPL/W/m. Black \$1,795/pr

Quattro 2-Way Speaker

Two 5-in woofers, one 1-in dome tweeter. Frequency response 45-20,000 Hz ± 3 dB; sensitivity 89 dB SPL/W/m. Black \$1,450/pr

AT1 2-Way Speaker

8-in woofer, 3/4-in dome tweeter. FR 50-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m. Black \$1,360/pr

Junior 2-Way Speaker

8-in woofer, 1-in cone tweeter. FR 45-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m. Black \$775/pr

PHASE TECHNOLOGY

PC-60/50 MkII Subwoofer/Satellite System

PC50 subwoofer, two PC60 satellites. Power handling 150 W; crossover points 90 and 1,200 Hz; sens 89 dB; imp 8 ohms \$830

PC-40/50 MkII Subwoofer/Satellite System

PC50 subwoofer, two PC40 satellites. Power handling 100 W rms; crossover points 90 and 1,500 Hz; FR 30-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms \$730

PC Series

PC-10.5 3-Way Speaker

10-in solid-piston woofer, Kevlar-laminated 5 1/4-in solid-piston midrange, 1-in soft-dome tweeter. Power handling 150 W; FR 25-20,000 Hz ± 2 dB; sens 89 dB; imp 8 ohms. Piano-black finish. 13 x 44 x 13 1/2 in; 110 lb \$2,900/pr
Dark or black oak \$2,200/pr

PC-8.5 3-Way Speaker

10-in solid-piston woofer, 5 1/4-in solid-piston midrange, 1-in soft-dome tweeter. Power handling 120 W; FR 35-20,000 Hz ± 2 dB; sens 89 dB; imp 4 ohms. Dark oak, walnut, or black finish. 13 x 39 1/2 x 11 1/2 in; 90 lb \$1,200/pr
PC-6.5. As above, 8-in woofer. Power handling 100 W; frequency response 42-20,000 Hz ± 2 dB. Dimen-

sions: 11 x 36 3/4 x 9 in; 58 lb \$900/pr

PC-80 2-Way Bookshelf Speaker

6 1/2-in solid-piston woofer, 1-in soft-dome tweeter. Power handling 100 W; FR 50-20,000 Hz ± 3 dB; sens 88 dB; imp 6 ohms. Dark-oak, light-oak, walnut, or black finish. 9 1/2 x 15 1/2 x 11 1/4 in; 32 lb \$650/pr
PC-80 AV. As above, magnetically shielded. Black. 29 lb \$700/pr

PC-60 II 2-Way Bookshelf Speaker

Acoustic-suspension phase-coherent design with 6-in solid-piston woofer and 1-in soft-dome tweeter. Power handling 100 W; FR 55-20,000 Hz ± 3 dB; sens 88 dB; imp 4 ohms. Walnut, dark-oak, light-oak, or black finish. 8 x 13 1/2 x 8 in; 16 lb \$480/pr
PC-60 II AV. As above, magnetically shielded. Black. 18 lb \$550/pr

PC-40 MkII 2-Way Bookshelf Speaker

Acoustic-suspension phase-coherent design with 5 1/4-in solid-piston woofer and 1-in soft-dome tweeter. Power handling 80 W; FR 70-20,000 Hz ± 3 dB; sens 88 dB; imp 6 ohms. Walnut, dark-oak, light-oak, or black finish. 6 1/2 x 9 3/4 x 5 1/4 in; 8.5 lb \$380/pr

PC-50 MkII Subwoofer

Acoustic-suspension design with 10-in downward-firing solid-piston driver. Features polypropylene capacitors; passive crossover. Power handling 150 W; FR 30-30 Hz ± 3 dB; sens 88 dB; imp 8 ohms. Walnut, light-oak, dark-oak, or black finish. 13 x 14 x 15 in; 33 lb \$350

PC 2-Way Center-Channel Speaker

Two 5 1/4-in woofers, one 1-in Ferrofluid-cooled soft-dome tweeter. Features magnetic shielding. Power handling 100 W; FR 75-20,000 Hz ± 2 dB; sens 90 dB; imp 8 ohms. Black laminate finish. 20 x 6 1/4 x 10 1/2 in; 26 lb \$300

Theater Series

Model 9T 2-Way Speaker

Low-diffraction design with 8-in polypropylene woofer, 1 1/2-in rear-firing soft-dome ambient driver, and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 150 W; FR 40-20,000 Hz ± 3 dB; sens 91 dB; imp 8 ohms. Black cloth covering with black laminate top and base. 10 x 38 1/2 x 14 1/2 in; 68 lb \$750/pr
Dark oak, corinthian, black-marble, or mahogany finish \$798/pr

Model 7T 2-Way Speaker

Low-diffraction design with 8-in polypropylene woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 120 W; FR 40-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Black cloth covering with black laminate top and base \$550/pr
Dark oak, corinthian, black-marble, or mahogany finish \$598/pr

Model 5T 2-Way Speaker

Low-diffraction design with 6 1/2-in polypropylene woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 100 W; FR 45-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Black laminate finish. 8 x 33 x 10 1/2 in; 32 lb \$430/pr
Dark-oak, corinthian, black-marble, or mahogany finish \$458/pr

Model 2T/T-Sub Subwoofer/Satellite System

One T-Sub subwoofer, two Model 2T satellites. Power handling 75 W/ch; sens 89 dB; imp 8 ohms. Black laminate finish \$400

Model 3T 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 80 W; FR 50-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Black laminate finish. 8 x 15 1/2 x 8 1/2 in; 14.5 lb \$260/pr

Model 2T 2-Way Bookshelf Speaker

5 1/4-in polypropylene woofer, 3/4-in Ferrofluid-cooled dome tweeter. Power handling 50 W; FR 90-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Black laminate finish. 9 1/4 x 6 1/2 x 5 1/2 in; 8.5 lb \$200/pr

T-Sub Subwoofer

Bandpass enclosure with two 6½-in drivers. Power handling 75 W; FR 45-150 Hz ±3 dB; sens 89 dB; imp 8 ohms. Black laminate finish. Dimensions: 18 x 15 x 8 in; 28 lb\$200

Model 1C 2-Way Center-Channel Speaker

Two 5½-in polypropylene woofers, one ¾-in Ferrofluid-cooled dome tweeter. Features magnetic shielding. Power handling 75 W; FR 80-20,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. Black laminate finish. 6¼ x 20 x 7½ in; 23 lb\$170

CI Series**CI-60 IV 2-Way In-Wall Speaker**

6½-in solid-piston woofer, 1-in soft-dome tweeter. Features auto-resetting thermal circuit breakers; screened woofer baskets. 5-way binding posts. Power handling 80 W; FR 40-20,000 Hz; imp 8 ohms. 5-yr warranty\$500/pr

CI-40 IVB 2-Way In-Wall Speaker

6½-in polypropylene woofer, ¾-in soft-dome tweeter. Features auto-resetting thermal circuit breakers; screened woofer basket. 5-way binding posts. Power handling 80 W; FR 45-20,000 Hz; imp 8 ohms. 5-yr warranty\$400/pr

CI-20 IVB 2-Way In-Wall Speaker

6½-in polypropylene woofer, ¾-in dome tweeter. Features auto-resetting thermal circuit breakers; screened woofer basket. 5-way binding posts. Power handling 60 W; FR 50-20,000 Hz; imp 8 ohms. 5-yr warranty\$300/pr

CI-SUB IV In-Wall Subwoofer

6 x 9-in damped felt-cone dual-voice-coil driver. Features rubber surround. Power handling 100 W; FR 28-90 Hz; imp 8 ohms\$250

CI-10 IV 2-Way In-Wall Speaker

5-in polypropylene woofer, ¾-in dome tweeter. Auto-resetting thermal circuit breakers; screened woofer basket. 5-way binding posts. Power handling 50 W; FR 55-20,000 Hz; imp 8 ohms\$215/pr

PHILIPS**DSS930 2-Way Digital Powered Speaker**

Acoustic-suspension design with two 5¼-in long-throw polypropylene woofers and one proprietary isophase polyimide-membrane tweeter; 80-W woofer amp; 20-W tweeter amp. Features digital frequency-curve optimization; 36-dB/oct digital crossover; digital phase compensation; speaker protection. Digital input. Auto sampling-rate selection; wireless remote control. Crossover point 4,000 Hz; FR 50-20,000 Hz ±1 dB. 2-yr parts-and-labor warranty. 23 x 8½ x 13 in\$1,000

DSC950. System controller/preamplifier for above. Drives up to 24 DSS930s. Inputs for 7 digital or analog sources including 2 fiber-optic. Status displays and volume and tone controls for up to 3 speaker groups; auto speaker turn-on; system remote-control compatibility; remote control\$500

FB830 3-Way Speaker

8-in woofer, 4-in glass-fiber midrange, ¾-in supronyl-dome tweeter. Power handling 100 W cont; FR 43-20,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. 10¼ x 24¼ x 11 in\$550/pr

FB850 3-Way Speaker

Two 7-in woofers, 4-in glass-fiber midrange, ¾-in supronyl-dome tweeter. Features overload protection. Biwire/blamp terminals. Power handling 120 W cont; crossover points 600 and 6,000 Hz; frequency response 38-24,000 Hz; sensitivity 88 dB SPL/W/m; impedance 6 ohms. Dimensions: 10¼ x 33¼ x 13 in\$426

FB691 3-Way Speaker

Two 7-in woofers, one Ferrofluid-cooled dome tweeter. Features overload protection. Power handling 90 W cont. 5-yr parts-and-labor warranty. 11¼ x 25¼ x 9 in\$300/pr

FB671 2-Way Bookshelf Speaker

Two 6-in woofers, one ¾-in Ferrofluid-cooled dome tweeter. Features overload protection. Power handling 70 W cont. 5-yr parts-and-labor warranty. 10¼ x 23¼ x 9 in\$250/pr

FB651 2-Way Bookshelf Speaker

7-in woofer, ¾-in Ferrofluid-cooled dome tweeter. Features overload protection. Power handling 50 W cont. 5-yr parts-and-labor warranty. Dimensions: 10¼ x 16¾ x 8 in\$200/pr

PHYZICS**Illusion FS 3-Way Speaker**

6-in polypropylene woofer, 6-in polypropylene mid-bass, aluminum-dome tweeter. Features tweeter chamber; cylindrical polymer cabinet with acoustic servo bass loading; first-incident reflection control; hard-wired crossover with air-core inductors and metallized polypropylene capacitors. Power handling 150 W cont avg; FR 50-20,000 Hz. Black-lacquer or dark-oak finish. 35-in height x 14-in diameter; 46 lb\$2,000/pr

Illusion M. As above, two 4-in polypropylene mid-basses. Includes stand. 38-in height x 7-in diameter on stand. 32 lb\$1,100/pr

Illusion WM. As Illusion M, without stand. Designed for wall mounting. 22 x 8-in width. 20 lb\$1,100/pr

PINE BOX AUDIO

The following are constructed from select grade ¾-in solid white pine bonded to ¼-in acoustic damping tile. Grilles are covered in acoustically transparent cotton gauze in pine green or peat brown. Warranty is 2 years.

Epitaph 3-Way Speaker

8-in poly woofer, 4-in poly midrange, and 1-in textile dome tweeter. Features 11-element impedance-correcting crossover. 12- and 18-in stands optional. Power handling 120 W rms; FR 50-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 10 x 31¼ x 9¼ in; 26.5 lb\$599/pr

Elegy 2-Way Bookshelf Speaker

8-in poly woofer and 1-in textile dome tweeter. Features 10-element impedance-correcting crossover. 12- and 18-in stands optional. Power handling 90 W rms; FR 60-19,500 Hz; sensitivity 87 dB SPL/W/m; impedance 8 ohms. Dimensions: 10 x 19¼ x 9¼ in; 16.5 lb\$399/pr

PINNACLE**Decibel Series**

The following feature a 4th-order vented patented diaduct-port design, a hand-made oak-veneer cabinet, and a 10-yr warranty.

Model 98 2-Way Speaker

Two 8-in coated-paper woofers, 1-in dome tweeter. Power handling 150 W rms; FR 45-20,000 Hz; imp 4-8 ohms. 16 x 32 x 15½ in; 72 lb\$925/pr

Model 96 db. As above, 6½-in woofers. Power handling 125 W rms; FR 48-20,000 Hz. 13¼ x 25¼ x 14 ½ in; 60 lb\$775/pr

Audio Cinema Series

The following feature a vented 4th-order diaduct-port design, a continuous-bevel cabinet, and a 7-yr warranty.

AC-850 2-Way Speaker

8-in fiber-cone woofer, 1-in oil-cooled tweeter. Magnetic shielding. Power handling 125 W rms; crossover point 2,200 Hz; FR 30-21,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. Dimensions: 10¼ x 25¼ x 9 in\$475/pr

AC-800 2-Way Bookshelf Speaker

8-in fiber-cone woofer, 1-in oil-cooled soft-dome tweeter. Power handling 100 W rms; crossover point 2,200 Hz; FR 35-21,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 11 x 18¼ x 10¼ in\$379/pr

ALABAMA

Long's Electronics, Birmingham
Long's Electronics, Birmingham
Long's Electronics, Hoover
Long's Electronics, Tuscaloosa

ALASKA

Alaska Studio Video, Juneau
Holtz Stereo, Fairbanks
Pyramid Audio Video, Anchorage

ARIZONA

Totally Wired, Scottsdale

CALIFORNIA

Arday's, Orange
Competition Auto & Sound, Cerritos
G&G Stereo, Chico
Good Sounds, Newport Beach
House of Natural Sound, Canyon County
J Smith & Sons, Sacramento
Laser Tek, Rosemead
Musical Images, Fresno
Stereo Image, Davis
Stereo Vision, Simi Valley
Tektronix, Westminster
Whole Earth Access, Berkeley
Whole Earth Access, San Rafael
Whole Earth Access, Concord
Whole Earth Access, San Francisco
Whole Earth Access, San Mateo
Whole Earth Access, San Jose
Whole Earth Access, Sacramento

CONNECTICUT

Design Installations, Newhall
Sound Playground, Newington
Sound Playground, Norwich
Sound Playground, Orange

FLORIDA

Audio Advice, Pensacola
Audio Advice, Palm Beach
Audio Video Creations, Ft. Lauderdale
Audio Video Odyssey Inc., Palm Harbor
Auto Audio, Palm Harbor
Behren's Audio Video, Jacksonville
Hanks Electric Company, Clearmont
Home Electronics & Design, Palm Harbor
Sensuous Sound Systems, Tampa
Sound Value, Tallahassee
Sound Waves Audio, Stuart
Sound Waves, St. Augustine
Speaker Warehouse, Hialeah
Speaker Warehouse, Hollywood
Stereotypes, Daytona Beach
Time & Sound, Orlando

GEORGIA

Audio Magic, Loganville
Audio Warehouse, Savannah
Lifestyles & Entertainment Sys., Alpharetta
Stereo Festival II, Duluth
Wagner Group, Decatur

HAWAII

Ari's Electronics, Honolulu
Tsunami Electronics, Waiolu

IDAHO

Audio Warehouse, Twin Falls
Everything Stereo, Coeur d'Alene
The Stereo Shoppe, Moscow

ILLINOIS

Back, Loves Park
Rader, Freeport
Sterling Electronics, Skokie

INDIANA

Ovation Audio, Clarksville
Ovation Audio, Louisville
Pied Piper, Ashland

KANSAS

Catalonia Sound of Kansas, Wichita
Nelson's, Topeka

KENTUCKY

Ovation Audio, Lexington
Ovation Audio, Louisville
Pied Piper, Ashland

LOUISIANA

Mike's Audio, Baton Rouge (2 locations)

MASSACHUSETTS

MHL, Randolph
Sound Playground, West Springfield
Wurlitzer Stereo, Marlboro
MacKenzie Automotive, Billerica

MICHIGAN

Jackson Sound System, Jackson

MINNESOTA

Audio By Design, St. Louis Park
Duluth Audio Distributing, Duluth
Elite Audio, Roseau
Haberlin Industries, Mankato
J. Wanderson, St. Paul
J. Wanderson, Wabasha
Master Entertainment, Edina
Midwest Speaker, St. Paul

MISSISSIPPI

Audio Advantage, Columbus

MISSOURI

GT Stereo, Hazelwood
GT Stereo, St. Charles
Reference Audio, Sedalia
The Enterainer, Jefferson City
The Sound Room, St. Louis
Quality Sight & Sound, St. Louis

MONTANA

Car & Home Stereo Center, Billings
McLeon Electronics, Hamilton
Sound Pro, Great Falls
Stereo Shop, Helena

NEBRASKA

Sound Advice, Omaha
Team Electronics, Norfolk

NEVADA

Stereo Plus, Las Vegas

NEW HAMPSHIRE

Audio Link, Bedford

NEW JERSEY

Architectural Audio Inc., Westwood
Atlantic Stereo, E. Brunswick
Atlantic Stereo, Freshfield
Audio Video Interiors, Milburn
AM/FM & Music, Little Falls
Electromedia Design, E. Hanover
Hifi Warehouse, Cherry Hill
Hitech Stereo, Eatontown
Rand's Camera & Hifi, Toms River
Stereo Dynamics, Muddletown

NEW YORK

Audio Video Center, New York
Canal Audio, New York
Cosmographic Sound, New York
Esoteric Sound Systems, Stony Brook
Gordon Brothers, Syracuse
Northern Electronics, Watertown
Park Place Audio, New York
Sensoryphile, Southampton
Sound Concepts, Bedford Hills
Sound Concepts, Nanuet
Sound Effects Great Neck, Great Neck

NORTH DAKOTA

Elite Audio, Grand Forks

OHIO

Audio Craft, Cleveland
Audio Craft, Franklin
Audio Craft, Mayfield Heights
Audio Craft, Westlake
Bary Electronics, Canton
Bary Electronics, Findlay
Belton Audio, Canton
Ohio Sound, Akron
Sound Waves, Dayton (2 locations)
Sound Waves, Hamilton
Sound Waves, Springfield

OKLAHOMA

Audio Advice, Tulsa
Cantures, Stillwater

OREGON

Audio Alternative, Portland
Heat No Evil, Salem
OHWS Audio, Corvallis

PENNSYLVANIA

Community Audio, Philadelphia
GNT Stereo, Lancaster
Gosebumps, McMurray
HiFi House, Camp Hill
HiFi House, Harrisburg
Malizia Sound Systems, Williamsport
Palmer Audio, Whitehall
Paul & Tony's, State College

SOUTH CAROLINA

Rogers Stereo, Anderson
Rogers Stereo, Greenville
Rogers Stereo, Spartanburg

SOUTH DAKOTA

Karl's Inc., Pierre
Karl's Inc., Rapid City
Karl's Inc., Sioux Falls
Karl's Inc., Spearhead
Team Electronics, Sioux Falls

TENNESSEE

Hifi Boys, Nashville

TEXAS

Accurate Audio, Plano
Audiotronics, McAllen
Bunkley's Sound, Abilene
Custom Home Audio, Wichita Falls
Electronic Architectural Upgrade, Ft. Worth
Harold's Electronics, Odessa
JWB Associates, Houston
Satellite View Systems, Houston
World Wide Stereo, Sherman

UTAH

Audio Design, Salt Lake City
Crazy Bob's, St. George
Dirk Labrum Co., Salt Lake City
Innovative Audio, Salt Lake City
Stakes Brothers, Logan
The Electronics Place, Sandy
The Electronics Place, Park City

VERMONT

Revolution, Rutland

VIRGINIA

Audio Visions, Charlottesville
Jones Electronics, Williamsburg
Richmond Telecom, Richmond
Sounds Decision, Roanoke
Sounds Unlimited, Danville

WASHINGTON

Audio Visions N.Y., Inc., Tacoma
Custom Design Sound, Redcom
Evergreen Audio, Silverdale
Mobile Audio, Kent
Music Room, Redmond
Speaker Lab, Seattle
The Stereo Shoppe Inc., Tacoma
Traffic Jams, Kennewick

WEST VIRGINIA

Electronic Land, Bridgeport
Electronic Land, Westover
Loak & Listen, Wheeling
Pied Piper, Barboursville
Pied Piper, Charleston
Pied Piper, Huntington
Pied Piper, Mt. Hope
Sound Post, Princeton

WISCONSIN

Sound Stage, Grafton

**THERE ARE AS MANY
HOME THEATER SPEAKER BRANDS
AS THERE ARE MEMBERS OF CONGRESS.**



**AND MOST OF *THEM*
AREN'T WORTH LISTENING TO EITHER.**

Want to know about some Home Theater speakers that are worth listening to? Then put down this magazine and visit an MB QUART dealer at your earliest convenience.

You'll see and hear why QUART Home Theater speakers are a breed apart. Our CTR CENTER CHANNEL, for example, achieves a higher level of dialog definition and localization by not conforming to popular dual driver designs. Our SUB TEN marries a 10" woofer with a 100W amplifier—yet is priced lower than other subwoofers that offer far less in terms of both sound and power. To stand up

to the dynamic demands of surround sound, we created the rear channel POINT FIVE, with a special titanium dome tweeter and long excursion 6.5" woofer, and the QUART 250, with angled cabinets that mirror each other for proper mounting on opposite side walls. In-wall models are also in the MB QUART Home Theater lineup.

What it all comes down to is this—MB QUART Home Theater speakers are every bit as long on performance as they are on promise. Which is more than can be said for most congressmen.

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S P E A K E R S

AC Sub Subwoofer

Two 6½-in drivers. Designed to be used with AC-400 speakers. Satellite volume switch and crossover. Power handling 100 W rms; crossover point 120 Hz; FR 36-150 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 21 x 12 x 10½ in\$249

AC-600 2-Way Bookshelf Speaker

6½-in fiber-cone woofer, ¾-in liquid-cooled dome tweeter. Magnetic shielding. Power handling 75 W rms; crossover point 4,000 Hz; FR 50-21,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Dimensions: 8¾ x 14¾ x 8¾ in\$239/pr

AC-650 2-Way Bookshelf Speaker

6½-in fiber-cone woofer, ¾-in oil-cooled soft-dome tweeter. Magnetic shielding. Power handling 85 W rms; crossover point 2,500 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 9¾ x 16¾ x 8¾ in\$230/pr

AC-500 2-Way Bookshelf Speaker

5½-in fiber-cone woofer, ¾-in liquid-cooled dome tweeter. Magnetic shielding. Power handling 70 W rms; crossover point 5,000 Hz; FR 50-21,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Dimensions: 8¾ x 11¾ x 6¾ in\$209/pr

AC-400 2-Way Bookshelf Speaker

4-in cone woofer, ¾-in liquid-cooled dome tweeter. Power handling 50 W rms; crossover point 5,500 Hz; FR 60-21,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 6¾ x 9¾ x 6 in\$179/pr

AC-550 2-Way Bookshelf Speaker

5½-in fiber-cone woofer, ¾-in oil-cool soft-dome tweeter. Magnetic shielding. Power handling 75 W rms; crossover point 2,500 Hz; FR 45-21,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Dimensions: 8¾ x 13 x 7¾ in\$129

Arctic Series

The following feature a 4th-order vented diaduct-port design, hand-made cabinets, and 6 coats of white or black paint.

Arctic 2 2-Way Bookshelf Speaker

Two 5½-in polypropylene woofers, 1-in Ferrofluid-cooled dome tweeter. Power handling 100 W rms; crossover point 3,000 Hz; FR 38-22,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 9¾ x 14½ x 8¾ in\$460/pr

Arctic 1 2-Way Bookshelf Speaker

5½-in polypropylene woofer, 1-in Ferrofluid-cooled dome tweeter. Power handling 75 W rms; crossover point 2,500 Hz; FR 45-22,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 7¾ x 11¼ x 6½ in\$360/pr

Pinnacle PN Series II

The following feature a proprietary diaduct port.

PN8+ 2-Way Bookshelf Speaker

4th-order vented design with 8-in mineral-filled polypropylene woofer and 1-in double-chamber magnetic-oil-cooled polymer-dome tweeter. Power handling 125 W rms; FR 30-21,000 Hz; imp 8 ohms. Black vinyl finish. 10¾ x 18¾ x 11 in; 17.5 lb. \$375/pr

PN5+ 2-Way Bookshelf Speaker

4th-order vented design with 5½-in mineral-filled polypropylene woofer and ¾-in soft-dome tweeter. Power handling 50 W rms; FR 40-21,000 Hz; imp 8 ohms. Black vinyl finish. Dimensions: 6¾ x 11¼ x 6¾ in; 8 lb\$199/pr

PIONEER

CS-G703 4-Way Speaker

Bass-reflex design with 16-in woofer, 4¾-in cone midrange, 2½-in cone tweeter, and ¾-in dome super-tweeter. Power handling 150 W; FR 30-20,000 Hz\$240
CS-G503. As above, 12-in woofer. Power handling 120 W; FR 35-20,000 Hz\$200

CS-G403 3-Way Bookshelf Speaker

Bass-reflex design with 16-in woofer, 4¾-in cone

midrange, and 2½-in cone tweeter. Power handling 150 W; FR 30-20,000 Hz\$195

CS-G303. As CS-G403, 12-in woofer. Power handling 120 W; FR 35-20,000 Hz\$155

CS-G203. As CS-G403, 10-in woofer, 3-in midrange. Power handling 100 W; FR 40-20,000 Hz\$115

CS-G103 2-Way Bookshelf Speaker

Acoustic-suspension design with 10-in woofer and 2½ cone tweeter. Power handling 50 W; FR 55-20,000 Hz\$80

CS-G53 2-Way Bookshelf Speaker

Bass-reflex design with 6-in woofer and 2½-in cone tweeter. Magnetic shielding. Power handling 70 W; FR 55-20,000 Hz; sens 87.5 dB; imp 8 ohms. Oak or black finish. 8¾ x 14¾ x 7¾ in\$70

Home Theater Speakers

S-V401-K/H Subwoofer/Satellite System

Subwoofer with two 4¾-in drivers; 3 satellites, each with 4-in woofer and 2½-in cone tweeter; 2 surround speakers, each with 4-in woofer and 2-in cone tweeter. Power handling 130 W; FR 40-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black subwoofer; black or white satellites. Subwoofer 7¾ x 21¾ x 16¾ in. Satellites and surrounds 6¾ x 10¾ x 4¾ in\$910
S-V301-K/H. As above, 2 satellites\$800

S-4D-K/H Subwoofer/Satellite System

Subwoofer with two 4¾-in drivers; 3 satellites, each with 4-in woofer and 2½-in cone tweeter. Power handling 130 W; FR 40-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Subwoofer 7¾ x 21¾ x 16¾ in. Black subwoofer; black or white satellites. Satellites 6¾ x 10¾ x 4¾ in\$680
S-3D-K/H. As above, 2 satellites\$570

S-V201 Subwoofer/Satellite System

Subwoofer with 8-in driver; 3 satellites and 2 surround speakers, each with 4-in woofer and 1-in tweeter. Power handling 100 W subwoofer and satellites, 50 W center channel and surrounds; FR 40-20,000 Hz; sens 85 dB subwoofer and satellites, 88 dB center channel and surrounds. Subwoofer 11 x 16½ x 10¾ in. Satellites and surrounds 5¾ x 7¾ x 4¾ in\$580
S-2D. As above, 2 satellites, no surrounds\$350
S-CR22. As S-V201, one satellite, no subwoofer. FR 150-20,000 Hz\$230

S-SR55-K/H Surround Speaker

Bass-reflex design with 4-in woofer and 2-in cone tweeter. Power handling 130 W; FR 150-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. 6¾ x 10¾ x 4¾ in\$230/pr

S-CR400 Center/Surround System

Center-channel speaker with two 4-in drivers; 2 surround speakers, each with 4-in driver. Magnetic center-channel speaker. Power handling 70 W center, 40 W surround\$160

S-X7 Surround Speaker

Bass-reflex design with 3½-in driver. Sens selector switch. Power handling 30 W; FR 100-20,000 Hz; sens 90 dB; imp 16 ohms. 5¾ x 7¾ x 4½ in\$155/pr

HTSS-1-K/H Satellite Speaker

With stand. Black or white stand\$150/pr

S-C55-K/H Center-Channel Speaker

Bass-reflex design with 4-in woofer and 2½-in cone tweeter. Magnetic shielding. Power handling 130 W; FR 150-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. 6¾ x 10¾ x 4¾ in\$130

CS-C400 Center-Channel Speaker

Two 4-in drivers. Magnetic shielding. Power handling 70 W; FR 50-20,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. 12¾ x 5½ x 10¼ in\$90

CS-X500-Q/K Surround Speaker

Acoustic-suspension design with 4-in full-range driver. Power handling 40 W; FR 100-20,000 Hz; sens 88 dB; imp 8 ohms. Oak or black finish. Dimensions:

5½ x 7¾ x 5 in\$70/pr

CS-C250II-Q/K 2-Way Center-Channel Speaker

Bass-reflex design with 6-in woofer and 2½-in cone tweeter. Magnetic shielding. Power handling 70 W; FR 50-20,000 Hz; sensitivity 88 dB; impedance 8 ohms. Oak or black finish. Dimensions: 11¾ x 6¾ x 6¾ in\$65

POLK

LS Series

LS90 2-Way Speaker

Ported design with four 6½-in composite-polymer woofers and one 1-in trilaminar-dome tweeter. Power handling 250 W max; crossover point 2,500 Hz; FR 20-26,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Rosewood-laminate, black, or oak finish. 12¼ x 40 x 14½ in, 73 lb\$850

LS70 2-Way Speaker

Two 7½-in composite-polymer woofers, one 1-in trilaminar-dome tweeter. Power handling 250 W max; FR 25-26,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Rosewood-laminate finish. Dimensions: 37 x 12¼ x 14½ in; 62 lb\$650
 Black or oak grain finish\$600

LS50 2-Way Speaker

Two 6½-in composite-polymer woofers, one 1-in trilaminar-dome tweeter. Power handling 250 W; FR 30-26,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. Rosewood-laminate finish. Dimensions: 32¼ x 10¾ x 11½ in; 48 lb\$500
 Black or oak grain finish\$450

RM Series

RM7000 Home Theater System

Powered subwoofer with 8-in driver and 65-W amp; two satellites, each with 3½-in midrange and ½-in dome tweeter; center-channel speaker with two 3½-in midranges and one ½-in dome tweeter. Power handling 250 W center and satellites; FR 22-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 14 x 11 x 19 in; 50 lb. Satellites 7 x 4¾ x 5½ in\$1,399

RM5000 II Home Theater System

Subwoofer with two 6½-in drivers; two satellites, each with 3½-in woofer and ½-in dome tweeter; center-channel speaker with two 3½-in woofers and one ½-in dome tweeter. Power handling 250 W; FR 25-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 13 x 17¾ x 12¾ in; 50 lb. Satellites 7 x 3¾ x 5½ in\$1,099

RM3000 II Subwoofer/Satellite System

Subwoofer with two 6½-in drivers; two satellites, each with 3½-in woofer and ½-in dome tweeter. Power handling 125 W; FR 25-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 13 x 17¾ x 12¾ in; 45 lb. Satellites 7 x 4¾ x 5½ in\$850

RM2000 II 2-Way Satellite Speaker

3½-in woofer, ½-in dome tweeter. Power handling 100 W; FR 150-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. 7 x 4¾ x 5½ in\$230

S Series

SW200LS Powered Subwoofer

10-in driver; 125-W amplifier. Line- and speaker-level inputs. Crossover point variable from 50-150 Hz; FR 19-200 Hz. 12 x 19 x 17 in; 40 lb\$849

S10 2-Way Speaker

7½-in composite-polymer woofer, 1-in dome tweeter, 10-in passive radiator. Power handling 200 W; FR 25-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Oak or black grain finish. 12¾ x 29 x 10½ in; 33 lb\$350
S8. As above, 7½-in passive radiator. Power handling 150 W; FR 28-25,000 Hz; sens 90 dB. 11¾ x 25 x 8¾ in; 28 lb\$250
S6. As S10, 6½-in woofer, 6½-in passive radiator. Power handling 125 W max; FR 30-25,000 Hz. 10¾ x 21¼ x 7¾ in; 17.5 lb\$200
S4. As S6. Power handling 100 W max; FR 32-25,000

S P E A K E R S

HZ. 15½ x 9½ x 7¼ in; 13.5 lb\$140

SW100RM Powered Subwoofer

8-in driver; 65-W amp. Line- and speaker-level inputs. Crossover point variable from 50-150 Hz; FR 22-200 Hz. Black or white. Dimensions: 14 x 11 x 19 in; 36 lb\$549

AB Series

AB805 2-Way In-Wall Speaker

Two 6½-in composite-polymer woofers, one 1-in dome tweeter. Power handling 150 W; FR 30-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Paintable white finish. 15½ x 6¼ in\$275

AB705 2-Way In-Wall Speaker

6½-in composite-polymer woofer, 1-in dome tweeter. Power handling 125 W; FR 32-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Paintable white finish. 9¾ x 6¼ in\$200

AB610 2-Way In-Wall Speaker

6½-in polymer woofer, ¾-in polymer-dome tweeter. Power handling 100 W; FR 40-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 7¼-in round\$125

AB505 2-Way In-Wall Speaker

5¼-in composite-polymer woofer, ¾-in polymer-dome tweeter. Power handling 100 W; FR 67-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Paintable white finish. 8½ x 5¼ in\$125

AB410 In-Wall Speaker

Polymer-laminate driver. Power handling 75 W; FR 60-17,500 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Paintable white finish. 7¼-in round\$75

Multi-Application Series

LS 1/x 2-Way Surround Speaker

Two 4½-in composite-polymer woofers, two 1-in dome tweeters. Features switchable dipolar/bipolar configuration. Power handling 100 W; FR 60-26,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 6½ x 11 x 9 in; 9 lb\$250

M5 2-Way Speaker

6½-in composite-polymer woofer, 1-in dome tweeter. Power handling 125; FR 55-23,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Includes mounting bracket. Black or white. 13¼ x 8¾ x 9 in; 10 lb\$200
AW-M5. All-weather version of above. White\$250

M3 II 2-Way Speaker

5¼-in composite polymer woofer, ½-in dome tweeter. Power handling 100 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m. 6½ x 11¼ x 8¼ in; 7 lb\$125
AW-M3 II. All-weather version of above. Black or white\$160

CS Series

CS350LS 2-Way Center-Channel Speaker

Four 4½-in composite-polymer woofers, one 1-in trillaminated-dome tweeter. Power handling 250 W; FR 60-26,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 26 x 6½ x 11 in; 17 lb\$449

CS250S 2-Way Center-Channel Speaker

Two 4½-in composite polymer woofers, one 1-in dome tweeter. Power handling 150 W; FR 80-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 18 x 6 x 8 in; 10 lb\$299

CS200 2-Way Center-Channel Speaker

Two 4½-in composite-polymer woofers, one ½-in dome tweeter. Power handling 100 W; FR 90-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 18 x 6 x 6 in; 7 lb\$219

Monitor Series

Monitor 6 Series II Subwoofer/Satellite System

Subwoofer with two 6½-in trillaminate drivers; two satellites, each with 4-in bilaminated polymer midrange driver and ½-in dome tweeter. Power handling 100 W; FR 35-25,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Subwoofer 13¼ x 7¾ x 20 in; 35 lb. Satellites 5¼ x 9 x 5¼ in\$399

Monitor 2-Way Bookshelf Speaker

6½-in composite-polymer woofer, ½-in dome tweeter. Power handling 100 W; FR 35-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 8½ x 14 x 7¼ in; 12 lb\$110

Mini-Monitor 2-Way Bookshelf Speaker

5¼-in polymer laminate woofer, ½-in dome tweeter. Power handling 100 W; FR 42-23,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Dimensions: 6½ x 10½ x 7 in; 7.5 lb\$80

POSH

The following models feature Posh's patented injection-molded polystyrene baffle plate and acoustic chamber design with customizable trim-ring/grille assembly in 11-in round or square styles.

Model 835-SX In-Ceiling Subwoofer

Vented design with 8-in dual voice coil polypropylene cone driver. Designed for ceiling installations and to be used with 2 satellites. Features passive crossover network combination of 2nd order Linkwitz-Riley low pass with 1st order impedance-compensated high pass section; dual mono crossover configuration includes 2 crossovers of identical design. Crossover installable at speaker or amp for flexibility; baffle-board nails to 16-in center framing studs. Power handling 150 W max; FR 35-120 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 18 x 18 x 1¼ in; total assembly 14.3 lb\$640

Model 835-S. As above, no crossover\$480

Model 835-MX In-Ceiling Subwoofer

Vented, long-throw design with 8-in mono voice coil polypropylene cone driver. Designed for use as stereo pairs within multiroom or home theater installations. Features passive crossover network combination of 2nd order Linkwitz-Riley low pass with 1st order impedance compensated high pass section. Baffleboard nails to 16-in center framing studs. Power handling 150 W max; FR 35-120 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 18 x 18 x 1¼ in; total assembly 14.3 lb\$520

Model 835-M. As above, no crossover\$440

In-Ceiling In-Wall Speakers

Model 928 2-Way In-Ceiling Speaker

Acoustic suspension design with 8-in mica-injected polypropylene cone woofer and 1-in coaxially mounted soft dome neodymium tweeter. Designed for custom ceiling installation. Power handling 150 W max; FR 35-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$1,050/pr

In-Wall 9 2-Way In-Wall/Ceiling Speaker

Infinite baffle design with 8-in mica-injected polypropylene cone woofer and coaxially mounted 1-in soft dome neodymium tweeter. Designed for new construction multiroom or home theater applications. Can be installed in a 2 x 4-in stud wall or ceiling; Posch baffle plate is installed prior to installation of sheetrock. Power handling 150 W max; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 18 x 18 x 1 in; total assembly 6.8 lb\$899/pr

Retro 9. As above, baffle plate modified for retrofit after sheet rock has been installed, mounts to sheetrock not to studs. Dimensions: 9¾ x 13¾ x 1 in; 4.8 lb\$899/pr

In-Wall 5. As In-Wall 9, 8-in doped paper cone woofer and ¾-in Ferrofluid-cooled polymer-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz ±3 dB. 18 x 10 x 1 in; 5.3 lb\$550/pr

Retro 5. As above, but baffle plate modified for retrofit after sheet rock has been installed, mounts to sheetrock not to studs. Dimensions: 9¾ x 13¾ x 1 in; 3.8 lb\$550/pr

Model 528 2-Way In-Ceiling Speaker

8-in, four-layer voice coil, felted paper cone woofer and ¾-in ultra-light Ferrofluid-cooled, active horn loaded polymer dome tweeter. Designed to nail directly to ceiling framing. "Loudness-compensated" coaxial driver system; output has 4 dB boost at 100 Hz and 10,000 Hz. Power handling 100 W max; FR 47-22,000 Hz ±3 dB; imp 8 ohms. Dimensions:

18 x 18 x 1¼ in; 10.3 lb\$725/pr

PROAC

The following are available in teak, walnut or black-ash finish.

Studio 200 2-Way Speaker

Two 7-in magnesium-frame woofers and 1-in soft fabric dome tweeter. FR 28-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 46 x 9 x 11 in; 40 lb\$3,200/pr

Studio 100 Bookshelf Speaker

6½-in woofer and 1-in soft fabric dome tweeter. FR 40-30,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 16 x 8 x 10 in; 13.5 lb\$1,400/pr

Tablette III Bookshelf Speaker

4½-in woofer and ¾-in soft dome tweeter. FR 43-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 11 x 6½ x 9 in; 5.5 lb\$900/pr

PROFESSIONAL TECHNOLOGIES

The following feature an oak-veneer finish.

PT-8341 3-Way Speaker

Ported design with 8-in woofer, 4-in cone midrange, and 1-in dome tweeter. Power handling 200 W; FR 37-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 13½ x 27¼ x 12 in\$899/pr

PT-821 2-Way Speaker

Ported design with 8-in woofer and 1¼-in dome tweeter. Power handling 500 W; FR 31-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 10½ x 35½ x 13¼ in\$849/pr

PT-652D 2-Way Speaker

Ported design with two 6½-in woofers and one 1¼-in tweeter. Power handling 500 W; crossover point 2,500 Hz; FR 40-20,000 Hz; sens 93 dB SPL/W/m; imp 4 ohms. 9 x 24 x 13½ in\$680/pr

PT-6521 2-Way Bookshelf Speaker

Ported design with 6½-in woofer and 1-in dome tweeter. Power handling 120 W; FR 45-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 13½ x 17¼ x 12 in\$579/pr

Modular Series

Modula 12 Subwoofer

Ported design with 12-in driver. Power handling 150 W rms; FR 37-1,800 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 9 x 30 x 13½ in\$399

Modula 10. As above, 10-in driver. FR 43-2,500 Hz. 9 x 23 x 13½ in\$379

Modula 8. As above, 8-in driver. FR 32-3,500 Hz. 9 x 18 x 13½ in\$369

Modula 6.5. As above, 6½-in driver. Power handling 75 W rms; FR 47-3,500 Hz. 9 x 11 x 13½ in\$359

PSB

Stratus Gold 3-Way Speaker

10-in woofer, 6-in midrange, 1-in aluminum-dome tweeter. Power handling 250 W max; crossover points 250 and 2,200 Hz; FR 36-20,000 Hz ±1 dB; sens 88 dB; impedance 4 ohms. Black high-gloss finish\$2,350/pr
Black, light, or dark oak finish\$2,100/pr

Stratus Silver 2-Way Speaker

Two 6½-in polymer woofers, 1-in aluminum-dome tweeter. Power handling 200 W max; crossover points 500 and 2,100 Hz; FR 40-20,000 Hz ±1.5 dB; sens 91 dB; imp 4 ohms. Black high-gloss finish. 13½ x 38¼ x 9½ in; 60 lb\$1,650/pr
Black, light, or dark oak finish\$1,500/pr

Stratus Mini 2-Way Speaker

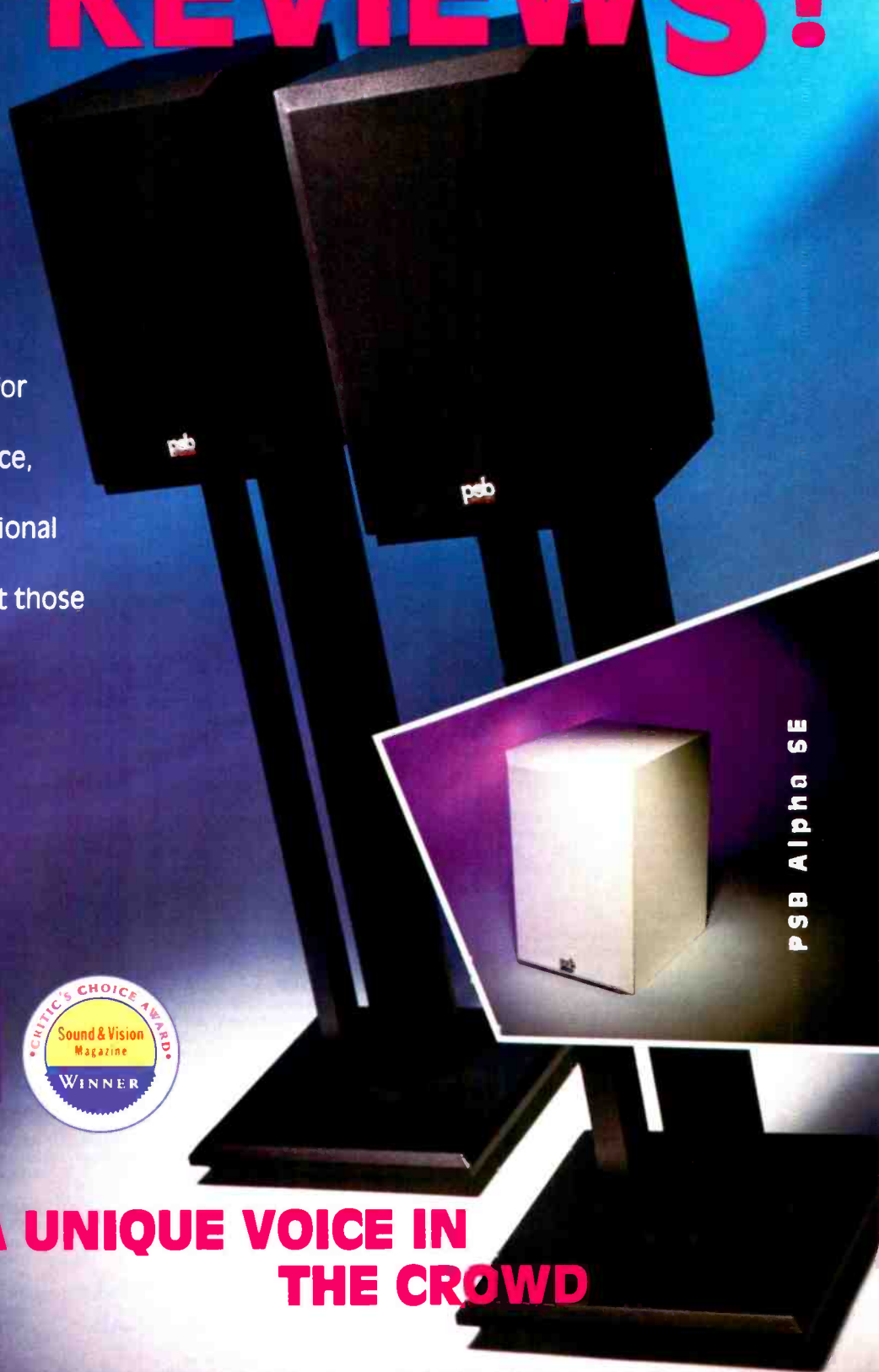
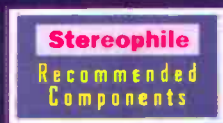
6½-in woofer, ¾-in aluminum-alloy dome tweeter. Includes stand. Power handling 125 W max; crossover point 2,200 Hz; FR 55-20,000 Hz ±1.5 dB; sens 86 dB; imp 4 ohms. Gloss black finish\$1,050/pr
Light- or dark-oak finish\$950/pr

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Jack English, *Stereophile*,

Vol. 15, No. 7 (July, 1992)



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PSB Subsonic III Powered Subwoofer

Tuned-port design with 12-in poly-coated compressed-felt driver. Adjustable level and roll-off controls; phase switch. FR 27-150 Hz; sens 106 dB SPL/W/m. Black oak finish\$899

PSB-800 2-Way Speaker

Two 8-in carbon-filled polypropylene woofers, 1-in Ferrofluid-cooled cloth-dome tweeter. Features cabinet bracing; PVC nitrile woofer surround, bipolar capacitors. Includes steel floor spikes. Power handling 200 W; crossover point 2,000 Hz; FR 48-20,000 Hz ± 1.5 dB; sens 92 dB; imp 8 ohms. Black or medium oak finish. 10 x 35 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 45 lb\$799/pr

Subsonic II Powered Subwoofer

Vented design with 12-in poly-coated compressed-felt cone driver. Adjustable level and roll-off controls; phase switch. FR 27-150 Hz; sens 106 dB SPL/W/m. Black oak finish. 16 x 16 x 16 in\$699

PSB-600 2-Way Speaker

Two 6 $\frac{1}{2}$ -in polypropylene woofers, $\frac{3}{4}$ -in Ferrofluid-cooled treated-textile dome tweeter. Features bipolar capacitors. Power handling 125 W; crossover point 2,200 Hz; FR 50-20,000 Hz ± 1.5 dB; sens 91 dB; imp 8 ohms. Black or brown oak-grain finish. 8 $\frac{1}{2}$ x 31 x 12 $\frac{1}{2}$ in; 32 lb\$599/pr

PSB Stratus C5 2-Way Center-Channel Speaker

Two 5 $\frac{1}{4}$ -in woofers, two $\frac{1}{2}$ -in dome tweeters. Power handling 150 W max; crossover point 3,000 Hz; FR 75-21,000 Hz ± 2 dB; sens 91 dB; imp 6 ohms. Dark oak or high-gloss black finish. 19 x 7 x 9 $\frac{1}{2}$ in\$500

PSB-500 2-Way Speaker

8-in carbon-filled polypropylene woofer, $\frac{3}{4}$ -in Ferrofluid-cooled cloth-dome tweeter. Features PVC nitrile woofer surround; bipolar capacitors. Power handling 150 W; crossover point 2,200 Hz; FR 50-20,000 Hz ± 1.5 dB; sens 92 dB; imp 6 ohms. Black or medium oak finish. 10 x 23 x 12 in; 29 lb\$499/pr

PSB-400 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in carbon-filled polypropylene woofer, $\frac{3}{4}$ -in Ferrofluid-cooled cloth-dome tweeter. Features cabinet bracing; rubber PVC woofer surround; bipolar capacitors. Power handling 125 W; crossover point 2,500 Hz; FR 60-20,000 Hz ± 1.5 dB; sens 89 dB; imp 6 ohms. Black or medium oak finish. 8 $\frac{1}{2}$ x 16 x 11 $\frac{1}{2}$ in; 18 lb\$399/pr

PSB-200C 2-Way Center-Channel Speaker

Two 5 $\frac{1}{4}$ -in woofers, one $\frac{1}{2}$ -in dome tweeter. Power handling 125 W max; crossover point 3,000 Hz; FR 75-21,000 Hz ± 2 dB; sens 91 dB; imp 6 ohms. Black oak finish. 19 x 6 $\frac{1}{4}$ x 9 $\frac{1}{2}$ in\$300

PSB Alpha Subwoofer

Tuned-port design with two 6 $\frac{1}{2}$ -in drivers. FR 38-100 Hz; sens 89 dB. Black oak finish. Dimensions: 20 x 15 $\frac{1}{2}$ x 17 in\$299

PSB-300 2-Way Bookshelf Speaker

6-in polypropylene woofer, $\frac{3}{4}$ -in Ferrofluid-cooled polyimide-dome tweeter. Features treated-foam woofer surround; bipolar capacitors. Power handling 80 W; crossover point 3,000 Hz; FR 75-20,000 Hz ± 2 dB; sens 91 dB; imp 6 ohms. Black or medium oak finish. 8 $\frac{1}{2}$ x 14 $\frac{1}{4}$ x 9 $\frac{1}{2}$ in; 13 lb\$299/pr

Alpha 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer, $\frac{1}{2}$ -in Ferrofluid-cooled poly-dome tweeter. Stand optional. Power handling 80 W; crossover point 3,000 Hz; FR 90-20,000 Hz ± 2 dB; sens 90 dB; imp 6 ohms. White or simulated-black-oak finish. 8 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in; 9.5 lb\$199/pr Above with magnetic shielding. Simulated black oak finish\$250/pr

Model 100C 2-Way Center-Channel Speaker

Two 4-in woofers, $\frac{1}{2}$ -in poly-flare dome tweeter. Features foam woofer surround. Power handling 100 W max; crossover point 3,000 Hz; FR 95-21,000 Hz ± 2 dB; sens 93 dB; imp 6 ohms. Black oak finish. 7 $\frac{1}{2}$ x 17 x 6 in; 13 lb\$179

PYRAMID**Model 5080 Studio Monitor 2-Way Speaker**

Vented design with 6 $\frac{1}{2}$ -in poly-coated woofer and 1-in Mylar tweeter. Features heavy duty ABS construction; full range speaker. Power handling 90 W max; imp 8 ohms\$190/pr

QUAD**ESL-63 US Monitor Electrostatic Speaker**

Full-range dipole design. Features 2 protection circuits. Power handling 150 W; FR 32-22,000 Hz -4 dB; sens 86 dB SPL/W/m; imp 8 ohms. Oak finish. 36 x 28 x 11 in; 43 lb\$5,995/pr

QUADRATURE

Each of the following features an external digital signal processor that provides correction algorithms through proprietary software.

DSP1 plus 3-Way Speaker System

2 subwoofers per channel with 24 6 $\frac{1}{2}$ -in woofers and 24 6 $\frac{1}{2}$ -in coupled radiators; 1 high-frequency driver array per channel with twelve 5 $\frac{1}{2}$ -in polycone midranges and twenty 1-in polydome tweeters. FR 18-22,000 Hz ± 2.5 dB; sens 93 dB; imp 6 ohms. Rosewood finish; other wood finishes available. Subwoofers 12 $\frac{1}{4}$ x 92 $\frac{3}{4}$ x 21 in. High-frequency arrays 11 $\frac{1}{2}$ x 92 $\frac{3}{4}$ x 8 in\$42,000

DSP1 3-Way Speaker System

1 subwoofer per channel with 12 6 $\frac{1}{2}$ -in woofers and 12 6 $\frac{1}{2}$ -in coupled radiators; 1 high-frequency driver array per channel with twelve 5 $\frac{1}{2}$ -in polycone midranges and twenty 1-in polydome tweeters. FR 20-22,000 Hz ± 2.5 dB; sens 91 dB; imp 6 ohms. Rosewood finish; other wood finishes available. Subwoofers 12 $\frac{1}{4}$ x 92 $\frac{3}{4}$ x 21 in. High-frequency arrays 11 $\frac{1}{2}$ x 92 $\frac{3}{4}$ x 8 in\$35,000

DSP2 3-Way Speaker System

1 subwoofer per channel with six 6 $\frac{1}{2}$ -in woofers and six 6 $\frac{1}{2}$ -in coupled radiators; 1 high-frequency driver array per channel with six 5 $\frac{1}{2}$ -in polycone midranges and ten 1-in polydome tweeters. FR 22-22,000 Hz ± 2.5 dB; sens 89 dB; imp 8 ohms. Rosewood finish; other wood finishes available. Subwoofers 12 $\frac{1}{4}$ x 47 $\frac{1}{4}$ x 21 in. High-frequency arrays 11 $\frac{1}{2}$ x 67 $\frac{1}{4}$ x 8 in on stand\$23,000

DSP3 3-Way Speaker System

1 subwoofer per channel with four 6 $\frac{1}{2}$ -in woofers and four 6 $\frac{1}{2}$ -in coupled radiators; 1 high-frequency driver array per channel with three 5 $\frac{1}{2}$ -in polycone midranges and six 1-in polydome tweeters. FR 24-22,000 Hz ± 2.5 dB; sens 90 dB; imp 8 ohms. Rosewood finish; other wood finishes available. 13 x 72 x 17 in with high-frequency enclosure stacked upon subwoofer\$14,500

DSP4 3-Way Speaker

2 dual-ported speakers, each with two 8-in woofers, two 5 $\frac{1}{2}$ -in polycone midranges, and four 1-in polydome tweeters. FR 26-20,000 Hz ± 2.5 dB; sens 89 dB; imp 6 ohms. Rosewood finish; other wood finishes available. Each 13 x 57 $\frac{1}{2}$ x 16 in\$9,500/pr DSP5. As above, one 10-in woofer, one 5-in mineral-damped midrange, and one 1-in Ferrofluid-cooled silk-dome tweeter per speaker. FR 28-20,000 Hz ± 2.5 dB; sens 88 dB; imp 8 ohms. Anagré finish; others available. Each speaker 13 x 47 x 14 in\$4,800/pr

QUANTA

Some of the following are available in kit form. Contact the manufacturer for information.

B Subwoofer

4th-order vented design with 10 $\frac{1}{4}$ -in poly laminated driver. Sens 92 dB SPL/W/m; imp 8 ohms. 14 $\frac{1}{2}$ x 34 $\frac{1}{2}$ x 24 $\frac{1}{2}$ in\$3,250

Baby Pyramid MkIII 2-Way Speaker

4th-order vented design with 5 $\frac{1}{4}$ -in poly laminated

Kevlar woofer and 1 $\frac{1}{4}$ -in Ferrofluid-cooled textile-dome tweeter. Features 6-dB/oct crossover. Crossover point 2,000 Hz; sensitivity 89 dB SPL/W/m; impedance 8 ohms. Dimensions: 10 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$5,500/pr

Quanta VII Series II 2-Way Speaker

4th-order vented hybrid-line design with 8 $\frac{1}{4}$ -in laminated polypropylene woofer and 1 $\frac{1}{4}$ -in Ferrofluid-cooled textile-dome tweeter. Features 6-dB/oct crossover. Sensitivity 92 dB SPL/W/m; imp 8 ohms. 11 $\frac{1}{2}$ x 34 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in\$2,990/pr

Quanta III Series II 2-Way Speaker

4th-order vented hybrid-line design with 6 $\frac{1}{4}$ -inches laminated polypropylene woofer and 1-in Ferrofluid-cooled aluminum-dome tweeter. Features 6-dB/octave crossover; rounded corners. Crossover point 2,000 Hz; sensitivity 90 dB SPL/W/m; impedance 8 ohms. Dimensions: 8 $\frac{1}{2}$ x 20 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in\$2,250/pr Square corners\$1,490/pr

Amazing Mini-Monitor 2-Way Bookshelf Speaker

4th-order vented design with 5 $\frac{1}{4}$ -in poly laminated woofer and 1-in FR polyimide-dome tweeter. Features 6-dB/oct crossover; rounded corners. Crossover point 2,500 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$1,699/pr Square corners\$997/pr

A Subwoofer

4th-order vented design with 8 $\frac{1}{4}$ -in poly laminated driver. Sens 89 dB SPL/W/m; imp 8 ohms. 11 $\frac{1}{2}$ x 25 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in\$1,290

QUINTESSANCE ACOUSTICS

The following feature a variety of finishes with cloth grille.

Reference 3-Way Speaker System

Bass-reflex design with two 18-in and 4 12-in woofers, four 7-in midrange cones, four 1-in dome tweeters and 1 $\frac{1}{2}$ -in horn tweeter. Includes separate crossover. Crossover points 50, 150, 3,000 and 10,000 Hz; FR 18-39,000 Hz ± 2 dB; sensitivity 96 dB SPL/W/m; impedance 4 ohms. Four pieces; 1,050 lb\$40,000

Studio 3-Way Speaker

Bass-reflex design with two 12-in woofers, two 7-in midrange cones and two 1-in dome tweeters. Includes separate crossover. Crossover points 200 and 3,000 Hz; FR 27-32,000 ± 3 dB; sensitivity 91 dB SPL/W/m; impedance 6 ohms. 14 x 46 x 21 in; 500 lb\$10,000/pr

Black Hole Subwoofer

Bass-reflex subwoofer design with 18-in woofer. Includes separate crossover. Crossover points 50 to 150 Hz (variable); FR 18-200,000 Hz ± 1 dB; sens 98 dB SPL/W/m; imp 8 ohms. Dimensions: 28 x 32 x 21 in; 400 lb\$7,000

RADIO SHACK**Powered Mini Speaker Systems****AMX 16 Powered Mini Speaker System**

2 speakers, each with 4-in driver; amp rated at 5 W x 2. Headphone jack. Magnetic shielding; balance control. Includes AC adaptor. FR 120-20,000 Hz. Gray. Each speaker 5 x 9 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$120 AMX 15. Above in black\$120

AMX 11 Powered Mini Speaker System

2 tuned-port speakers, each with 3-in driver; amp rated at 5 W x 2. Mini plug input. FR 100-10,000 Hz. Each speaker 4 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in\$70

AMX 12 Powered 2-Way Mini Speaker System

2 speakers, each with 4-in woofer and 2-in tweeter; amp rated at 3.5 W x 2. Magnetic shielding; bass-boost and surround-effect controls. Operates on 8 C batteries or AC adaptor. FR 150-20,000 Hz. Each speaker 4 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in\$60

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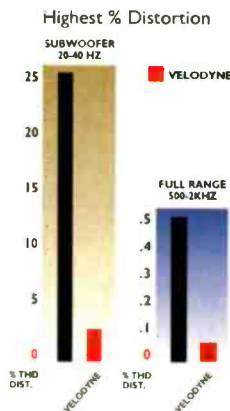
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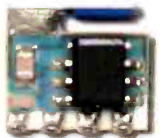
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Velodyne distortion compared to typical high-end speakers (measured at equal output levels).

many equipment reviewers using them in their own reference systems. Our patented High Gain Servo system, built around an accelerometer mounted on the voice coil, reduces distortion to some 25 times lower than conventional designs. No other products on the market today comes close to this level of performance.



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-Tom Nousaine, Sound & Image, Summer 1994,
review of Velodyne DF-661 full-range.*

Our new DF-661 completes the distortion-free revolution. From its inverted domes crafted from spun aluminum to its radical "motor within a motor" counter-coil, it's a technological breakthrough. Its imaging, sound staging and reproduction of subtle details will astound you. Audition Velodyne's distortion-free systems today.



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-David Clark, Audio, November 1987

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San Jose, CA 95112 USA
(408) 436-7270

S P E A K E R S

AMX 8 Powered Mini Speaker System

2 speakers, each with 2 x 4-in driver; amp rated at 2 W x 2. Bass boost; auto turn-off; amplifier bypass. Operates on 8 c batteries. Each speaker 2 1/8 x 6 1/4 x 5 1/8 in. \$50

AMX 9 Powered Mini Speaker System

2 speakers, each with 2 1/2-in driver; amp rated at 2 W x 2. Auto turn-off. Includes carrying case with shoulder strap. Operates on 8 c batteries. Each speaker 3 1/4 x 5 1/2 x 3 1/4 in. \$40

AMX 2 Powered Mini Speaker System

Amp rated at 2 W x 2. Magnetic shielding. Includes mounting brackets. Operates on 4 AA batteries or AC adaptor. Each speaker 3 1/2 x 5 1/2 x 3 1/2 in. \$30

AMX 4 Powered Mini Speaker System

2 speakers, each with 4-in driver. Design to lock together for carrying; bass and treble controls. Operates on 4 C batteries or AC adaptor. Each speaker 4 1/4 x 5 x 2 1/2 in. \$30

RA LABS

Reference 2a 3-Way Speaker

10-in woofer, 5 1/4-in midrange, 1-in dome tweeter. Power handling 200 W; crossover points 600 and 3,000 Hz; FR 35-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 13 x 32 x 14 1/4 in; 46 lb. . . . \$212

Reference 3a. As above, 12-in woofer. FR 33-20,000 Hz ±3 dB. 14 x 38 x 15 1/4 in; 58 lb. \$271

2-Way Center-Channel Speaker

Two 5 1/2-in woofers, one 1-in copolymer tweeter. Power handling 100 W; crossover point 3,000 Hz; FR 55-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. 20 1/2 x 7 1/4 x 6 1/2 in; 10 lb. \$149

Reference 4a 2-Way Speaker

8-in woofer, 1-in dome tweeter. Power handling 150 W; crossover point 3,000 Hz; FR 46-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 10 x 19 x 10 in; 15 lb. \$112

Mini-Reference 2-Way Bookshelf Speaker

Power handling 100 W; crossover point 3,000 Hz; FR 55-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 14 x 8 1/2 x 8 1/2 in; 9 lb. \$87

Micro-Monitor 2-Way Bookshelf Speaker

5 1/4-in woofer, 1-in copolymer tweeter. Power handling 75 W; crossover point 3,000 Hz; FR 70-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. 10 1/2 x 7 x 7 1/4 in; 6 lb. \$55

RBH SOUND

C-860 3-Way In-Wall Speaker

8-in woofer, 6-in mid-range, and 1-in dome tweeter. Features high performance characteristics. Power handling 200 W; FR 35-22,000 Hz. \$500

C-820 2-Way In-Wall Speaker

8-in woofer and 1-in dome tweeter. Features high performance characteristics. Power handling 175 W; FR 45-22,000 Hz. \$350

A-810 2-Way In-Wall Speaker

8-in graphite woofer and acoustic lens tweeter. Features second order crossover. Power handling 100 W; FR 45-20,000 Hz. \$459/pr

A-610 2-Way In-Wall Speaker

6-in graphite woofer and acoustic lens tweeter. Features second order crossover. Power handling 80 W; FR 50-20,000 Hz. \$359/pr

A-601 2-Way In-Wall Speaker

6-in graphite woofer and acoustic lens tweeter. Features first order crossover. Power handling 80 W; FR 50-20,000 Hz. \$279/pr

A-501 2-Way In-Wall Speaker

5 1/4-in graphite woofer and acoustic lens tweeter. Features first order crossover. Power handling 60 W;

60-20,000 Hz. \$199/pr

Subwoofers

TS-12 Powered Subwoofer

12-in driver; 220 W internal amp. Features discrete transistors. High level and RCA inputs. Adjustable low pass filter; auto turn on. 28-200 Hz. Oak cabinet. \$699

TS-10. As above, 10-in driver; 180 W internal amp. 31-200 Hz. \$549

TS-8. As above, 8-in driver; 150 W internal amp. 33-200. \$479

FS-12 In-Floor Subwoofer

12-in driver. Separate power module optional. Power handling 200 W; FR 30-100 Hz. \$400

WS-8 In-Wall Subwoofer

8-in driver. Features high performance characteristics. Separate power module optional. Power handling 150 W; FR 40-80 Hz. \$325

AS-10 In-Wall Subwoofer

10-in driver. Separate power module optional. Power handling 100 W; FR 35-80 Hz. \$249

SAM-1 Subwoofer Amplifier Module. 150 W. Option used to power AS-10, WS-8, and FS-12 subwoofers. \$299

Home Theater Speakers

Model 800-MX 3-Way Speaker

8-in woofer, 6-in midrange, and 1-in dome tweeter. Features tower configuration for main channel. Power handling 200 W; frequency response 40-22,000 Hz. \$400

Model 960-DX 2-Way Surround Speaker

Dipole design with two 6-in midbass and two 1-in dome tweeters. Phase switch. Power handling 200 W; FR 50-22,000 Hz. \$390

Model 700-CX 2-Way Center Speaker

Two 6-in midbass and 1-in dome tweeter. Shielded. Power handling 200 W; frequency response 50-22,000 Hz. \$349

Model 816 3-Way Speaker

Vented design with 8-in woofer, 6-in midrange, and 1-in dome tweeter. Power handling 200 W; FR 35-22,000 Hz. \$700/pr

Model 82 2-Way Satellite Speaker

8-in woofer and 1-in dome tweeter. Features high definition characteristics. Power handling 150 W; FR 50-22,000 Hz. \$395/pr

Model 63 2-Way Satellite Speaker

6-in midbass and 1-in dome tweeter. Features high definition characteristics; shielded. Power handling 100 W; FR 55-22,000 Hz. \$300/pr

RCA

Home Theater Audio Series

The following models are designed for use with RCA Home Theater systems.

SP3350SW Powered Subwoofer

Tuned port design with 8-in woofer; Integral amp rated at 50 W, THD 3%. Features long throw, low-distortion driver design. Connects to any stereo TV with fixed audio output jacks, 10-ft cable included; switchable filter for custom installation. Power handling 50 W max; FR 30-200,000 Hz; imp 8 ohms. Black. 12 x 17 1/2 x 14 in. \$449

SP3300BS2 2-Way Bookshelf Speaker

Tuned port design. Features magnetic shielding. Power handling 100 W max; FR 70-20,000 Hz. Black. 8 x 14 x 12 1/2 in. \$399

SP1420T 3-Way Speaker

Tuned port design with full range driver layout. Features magnetic shielding; tower configuration. Power handling 160 W max; FR 50-20,000 Hz. Black. 8 x 45 x 13 1/4 in. \$299

SP2700T 3-Way Speaker

Air-suspension design. Features magnetic shielding; tower configuration. Power handling 250 W max; FR 40-18,000 Hz. Western oak finish. Dimensions: 10 1/2 x 43 1/4 x 12 in. \$299

SP1320C 2-Way Center Channel Speaker

Two 3 1/2-in midrange and one 1-in tweeter. Features driver layout which ensures natural sounding, clear dialog regardless of your listening position; magnetically shielded. Power handling 100 W maximum; frequency response 100-20,000 Hz. Black. Dimensions: 17 x 5 1/2 x 8 in. \$199

SP5060S2 Surround Speaker

Tuned port bass reflex design with one 3 1/2-in full range driver. Features power handling capacity which allows connection to a Dolby Surround, Dolby Pro Logic Surround receiver, or multiple-channel amp. May be placed horizontally or vertically on a shelf, free-standing, or wall-mounted; includes wall-mounting template for mounting hole placement. Power handling 70 W max; FR 100-10,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Charcoal gray. 6 x 7 1/2 x 4 in. \$149/pr

Video Acoustics Series

VA-2200 3-Way In-Wall Speaker

Bass reflex/integral diffusers design with 5 1/2-in woofer, 3 1/2-in midrange, and 1-in dome tweeter. Features high frequency diffuser array to enhance spatiality; angled deflector to direct midrange output towards side walls, using controlled phase interference effects with the woofer output; sealed enclosure. Mounts directly to two 16-inch-spaced studs for high rigidity. Power handling 12 W max; Crossover points at 600 and 4,500 Hz; FR 90-15,000 Hz ±6.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Paintable neutral finish. 15 1/2 x 14 1/4 x 4 in; 10.5 lb. \$549

VA-2400 2-Way In-Wall Speaker

Capacitive coupled acoustic suspension design with 6 1/2-in shielded low-frequency driver and 3/4-in Ferrofluid cooled soft dome tweeter. Features Capacitive coupling which extends the bass response of a sealed enclosure in-wall driver; precision 9-element crossover; sealed enclosure. Can be mounted to left or right stud to reduce wall vibration. Power handling 200 W max; crossover point 2,200 Hz; FR 50-20,000 Hz ±4 dB; sens 86 dB SPL/W/m; imp 8 ohms. Paintable neutral finish. Dimensions: 10 1/2 x 20 1/4 x 4 in; 10.1 lb. \$329

RDL ACOUSTICS

FS-1 2-Way Speaker

Acoustic-suspension design with 8-in woofer and 1-in Ferrofluid-cooled pulsating-dome tweeter. Designed for specifically for placement on floor not close to walls. Lacquered cherry and black finish. Power handling 150 W; crossover point 2,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Dimensions: 11 x 25 1/4 x 11 1/4 in. \$549/pr

F-1. As above, design specifically for placement close to front wall and away from side wall. Lacquered cherry finish. \$549/pr

B-1. As FS-1, designed specifically for placement in bookshelf or on stand away from walls. 11 x 20 1/4 x 11 1/4 in. \$449/pr

S-1. As F-1, designed specifically for placement on stand, shelf, or table close to front wall and away from side wall. 11 1/2 x 11 1/2 x 12 in. \$449/pr

RDL 3-Piece System

Two AV-1s and one W-1. \$385

W-1 Subwoofer

Acoustic-suspension design with 8-in dual-voice-coil driver. Satin-black lacquer finish. Crossover point 150 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 11 1/4 x 11 1/4 x 11 1/4 in. \$199

AV-1 2-Way Bookshelf Speaker

Acoustic-suspension design with 4-in long-throw woofer and 1-in Ferrofluid-cooled pulsating-dome

S P E A K E R S

tweeter. Designed for on-wall, shelf, stand, or table placement. Magnetic shielding. Satin-black lacquer finish. Crossover point 2,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 7 1/4 x 11 1/4 x 4 3/4 in \$99

RECOTON

SPX-110 2-Way Powered Bookshelf Speaker

Two 4-in woofers, two 2-in tweeters; 10-W amp. FR 50-15,000 Hz \$130/pr
SPX-100. As above, no amp \$100/pr

HG 555 Powered Mini Speaker

Two 2 1/4-in drivers, two 1 1/4-in drivers; 5-W amp. Mini-plug input. 3-band EQ. Operates on 4 C batteries. FR 50-15,000 Hz; imp 8 ohms \$40/pr

HG 545 Powered Mini Speaker

Two 2-in drivers; 3-W amp. Operates on 4 AA batteries. FR 100-12,000 Hz; imp 8 ohms \$30/pr

HG 535 Powered Mini Speaker

Two 2 1/4-in drivers; 4-W amp. Mini-plug input. Operates on 4 AA batteries. FR 50-15,000 Hz; imp 4-8 ohms \$20/pr

HG 525 Mini Speaker

Two 3-in drivers. Mini-plug input. FR 100-12,000 Hz; imp 4-8 ohms \$14/pr

Wireless Speakers

The following transmit the wireless signal at 900 MHz.

WHT-461 Home Theater System

50-W rear-firing subwoofer; 100-W center-channel speaker; two 25-W wireless surround speakers \$800
WHT-460. As above, without center channel ... \$699

W-450 Wireless Powered Speaker System

2 bass-reflex speakers, each with 5-in woofer and 2 1/4-in tweeter; amp rated at 25 W x 2 rms. Features 150-ft range. Individual power, bass-boost, volume, and tuning controls for each speaker. Includes AC adaptors. Veneer black-oak cabinets \$450/pr

WHT-462. Wireless surround speaker \$420/pr

W-440 Wireless 2-Way Powered Speaker System

Two bass-reflex speakers, each with 4-in woofer, 2-in tweeter, and 20-W rms amp. Features 150-ft range; ABS enclosures. Bass boost; L/R mono/stereo switches; volume and power switches for each speaker. Includes transmitter, 3 AC adaptors, and phone-to-mini-plug adaptor. Mounting brackets optional. FR 50-15,000 Hz \$300/pr
W-441. Add-on speaker for above. Includes 2 AC adaptors \$240/pr

W-400 Wireless Powered Speaker System

2 bass-reflex speakers, each with 4-in woofer and 2-in tweeter; 10-W rms amp for one speaker, 2nd speaker passive. Features 150-ft range; ABS enclosures. Bass boost; L/R mono/stereo switches. Includes transmitter, 2 AC adaptors, and phone-to-mini-plug adaptor. Mounting brackets optional. FR 50-15,000 Hz \$250/pr
W-401. Add-on speaker for above. Includes AC adaptor \$190/pr

W-410 Wireless Powered Speaker

10-W amp. Features weatherproofing. Power, volume, and tuning controls. Operates via 12-V rechargeable battery \$230/pr

REUBEN GUSS ENTERPRISES

The following feature main speaker controls for front/rear balance.

Custom Monitor Speaker System

Twenty-four 15-in woofers, forty-eight 6-in midranges, thirty-two 1-in dome tweeters and 100 custom piezo supertweeters among 4 front enclosures; 4 rear satellites. Power handling 900 W max. FR 18-35,000 Hz ± 3 dB. Front cabinets 30 x 72 x 20 in; rear

cabinets 22 x 72 x 16 in \$100,000

System I - Monitor Speaker System

Twelve 15-in woofers, twenty-four 5-in midranges, sixteen 1-in dome tweeters and fifty custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 450 W max. FR 18-45,000 Hz ± 3 dB. Front cabinets 36 x 72 x 22 in; rear cabinets 24 x 24 x 14 in \$50,000

System IIC - Symphony Speaker System

Four 15-in woofers, six 5-in midranges, four 1-in dome tweeters and twelve custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 450 W max. FR 18-35,000 Hz ± 3 dB. Front cabinets 22 x 54 x 20 in; rear cabinets 24 x 24 x 14 in \$16,000

System III - Concerto Speaker System

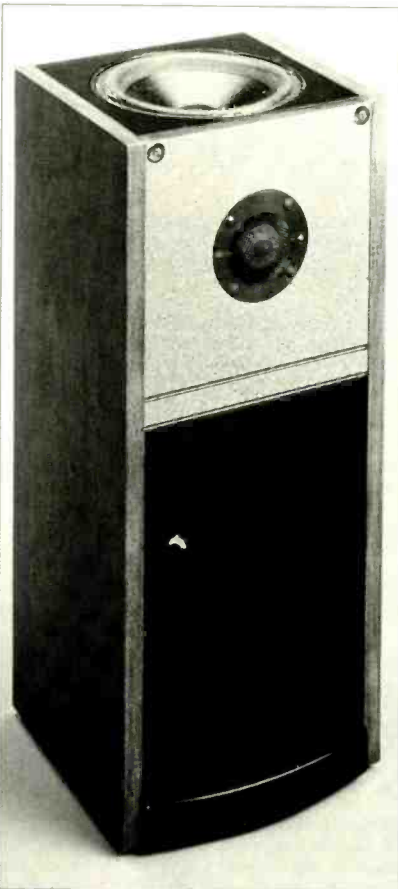
Four 12-in woofers, six 5-in midranges, four 1-in dome tweeters and eight custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 150 W max. FR 30-30,000 Hz ± 3 dB. Front cabinets 22 x 54 x 20 in; rear cabinets 8 x 25 x 8 in \$10,000

System V - Sonata Speaker System

Two 15-in woofers, two 5-in midranges, two 1-in dome tweeters and eight custom piezo supertweeters among 2 front enclosures; two rear satellites. Power handling 150 W max. FR 22-30,000 Hz ± 3 dB. Front cabinets 19 x 32 x 15 in; rear cabinets 8 x 14 x 8 in \$6,000

System IV - Concerto Speaker System

Two 12-in woofers, two 5-in midranges, two 1-in dome tweeters and six custom piezo supertweeters among 2 front enclosures; 2 rear satellites. FR 30-30,000 Hz ± 3 dB. Front cabinets 16 1/2 x 27 x 15 in; rear cabinets 6 x 12 x 6 in \$5,000



RDL Acoustics F-1

ROBERTS ARCHITECTURAL

RA850 2-Way In-Wall Speaker

8-in poly woofer, 3/4-in Ferrofluid-cooled dome tweeter. FR 28-30,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms \$675/pr

RA820 2-Way In-Wall Speaker

8-in poly-coated woofer, 3/4-in Ferrofluid-cooled soft-dome tweeter. FR 35-30,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms \$495/pr

RA8SW In-Wall Subwoofer

8-in dual-voice-coil driver. Features 6-dB/oct high-pass and 12-dB/oct low-pass filters. Crossover point 150 Hz; FR 30-150 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms/coil \$425

RA800 2-Way In-Wall Speaker

8-in poly-coated woofer, 3/4-in soft-dome tweeter. FR 35-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms \$399/pr

RA620 2-Way In-Wall Speaker

8 1/2-in poly-coated woofer, 3/4-in soft-dome tweeter. FR 50-30,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms \$325/pr

RA600 2-Way In-Wall Speaker

6 1/2-in woofer, 3/4-in dome tweeter. FR 50-22,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms \$275/pr

MP260 2-Way In-Wall Speaker

6 1/2-in poly cone woofer, 3/4-in dome tweeter. FR 55-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; impedance 8 ohms \$220/pr

MP160 2-Way In-Wall Speaker

6-in paper woofer, 3/4-in dome tweeter. FR 75-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms \$150/pr

ROCK SOLID SOUNDS

The following feature a 5-yr warranty.

Twin Bass Powered Subwoofer

Dual-port design with two 6 1/4-in drivers; 40 W x 1 cont avg amp. Designed for use with Solid Monitor or Team. Power handling 150 W max; crossover point 120 Hz; FR 38-120 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 4 ohms. Black or white. Dimensions: 7 x 18 x 23 1/4 in; 22 lb \$350
 Above with single port \$250

Solid Monitor 2-Way Bookshelf Speaker

Vented-bass enclosure with 5 1/4-in fiber-cone woofer and 1-in polycarbonate tweeter. 4th-order alignment; magnetic shielding; overload protection. Includes Integral stand. Power handling 150 W max; FR 75-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m. Black, white, 2-tone gray, or black/purple finish \$299/pr

Team 2-Way Bookshelf Speaker

Vented-bass enclosure with 4 1/2-in woofer and 1-in fluid-cooled tweeter. Features 4th-order alignment; magnetic shielding; overload protection; rubber woofer surround. Includes wall brackets. Power handling 75 W max; FR 80-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. Dimensions: 5 1/2 x 8 x 5 1/4 in \$199/pr

ROSSMAN AUDIO

SA1.0 2-Way Powered Speaker

Bass-reflex design with 8-in poly-cone woofer and 1-in dome tweeter; 10-W tweeter amp, 40-W woofer amp. Features 18-dB/oct crossover. Bass, treble, and volume controls; tone-defeat switch. Crossover point 2,300 Hz; FR 40-20,000 Hz ± 3 dB \$650/pr
SA.5a. As above, 5-in woofer. FR 55-22,000 Hz ± 3 dB \$550/pr

RUARK

Accolade 3-Way Speaker

Bass reflex design including 1 1/2-in magnesium sili-

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SOUND DYNAMICS HOME THEATER SURROUND SOUND SPEAKER SYSTEM

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CINESAT-2 REAR / SIDE EFFECT SATELLITE SPEAKER

CINESAT-2 REAR / SIDE EFFECT SATELLITE SPEAKER

CINESAT-2 SATELLITE SPEAKER WITH HT-1 FLOOR STAND

CINESAT-2 SATELLITE SPEAKER WITH HT-1 FLOOR STAND

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CINECENTER SHIELDED CENTER CHANNEL SPEAKER

A cleverly ported Duovent™ subwoofer provides seamless crossover to each of the satellites, and incredibly strong bass from anywhere in the room. Finally, a center channel speaker delivers all the

S P E A K E R S

cate polymer cone woofer with center magnet and 4-in aluminum voice coil, 3-in treated fabric dome midrange with vented center magnet, and 1 $\frac{1}{2}$ -in Ferrofluid-cooled, treated fabric dome tweeter with dual chamber and aluminum voice coil. Designed as a studio monitor. Features critically damped particle board and MDF double layer construction; precision audio grade 13-element crossover. Power handling 200 W max; crossover points at 500 and 3,500 Hz; FR 35-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; impedance 8 ohms. Dark walnut or black ash veneers.

Dimensions: 11 $\frac{1}{2}$ x 39 x 14 $\frac{1}{2}$ in; 88 lb\$6,000/pr

Equinox 2-Way Speaker

Bass reflex design including 6 $\frac{1}{2}$ -in stiff, air-dried, treated pulp paper cone woofer with 1 $\frac{1}{2}$ -in voice coil wound onto Kapton former and 1-in Ferrofluid-cooled and damped, hand treated fabric/silk dome tweeter with dual chamber and aluminum voice coil. Designed as studio monitor/integrated stand with floor spikes. Features large vented motor assembly; long-stroke, low reflection chassis; 1-in high density fiber

board construction with multiple bracing; precision audio grade 7 element crossover. Power handling 150 W maximum; crossover point at 2,800 Hz; frequency response 45-20,000 Hz ± 3 dB; sensitivity 87 dB SPL/W/m; impedance 6 ohms. Rich walnut, oak, or rosewood veneers. Dimensions: 9 $\frac{1}{4}$ x 34 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 55 lb\$4,000/pr

Crusader II 3-Way Speaker

Bass reflex design including 6 $\frac{1}{2}$ -in precision cast magnesium chassis woofer with high flux magnet assembly and 1-in voice coil with Kapton former, 3-in treated fabric dome midrange with aluminum voice coil and vented center magnet, and 1-in treated silk dome tweeter with dual chamber. Designed as studio monitor/integrated stand with floor spikes. Features precision audio grade 15-element crossover; critically damped MDF double layer construction. Power handling 150 W max; crossover points at 500 and 4,000 Hz; frequency response 45-20,000 Hz ± 3 dB; sensitivity 88 dB SPL/W/m; impedance 6 ohms. Dark walnut, oak, or black ash veneers. Dimensions: 9 $\frac{1}{4}$ x 35 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 66 lb\$3,300/pr

Broadsword 2-Way Speaker

Infinite baffle design including 7 $\frac{1}{2}$ -in silicate polymer cone midbass with 3-in aluminum wound voice coil in a center magnet system and 1-in Ferrofluid-cooled and damped, treated fabric dome tweeter with aluminum wound voice coil in a vented center magnet system. Designed as a studio monitor. Features precision audio grade 4-element crossover; damped particle board with MDF front and rear baffle. Power handling 120 W maximum; crossover point at 3,000 Hz; FR 50-20,000 Hz ± 3 dB; sensitivity 85 dB SPL/W/m; impedance 8 ohms. Dark walnut or black ash veneers. Dimensions: 11 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 24 lb\$2,100/pr

Talisman II 2-Way Speaker

Bass reflex design including 6 $\frac{1}{2}$ -in treated paper cone, precision cast chassis midbass with high flux magnet system and 1-in Ferrofluid-cooled and damped, pre-coated textile dome tweeter with dual chamber. Designed as a pillar with floor spikes. Features precision audio grade 6-element crossover; critically damped MDF construction. Power handling 100 W max; crossover point at 2,800 Hz; FR 48-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Dark walnut, black ash, oak or rosewood-effect veneers. 9 $\frac{1}{4}$ x 32 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 40 lb\$1,700/pr

Templar 2-Way Speaker

Infinite baffle design including 6 $\frac{1}{2}$ -in treated paper cone, precision cast chassis midbass with high flux magnet system and 1-in Ferrofluid-cooled and damped fabric dome tweeter. Designed as a pillar with floor spikes. Features precision audio grade 8-element crossover; critically damped MDF construction. Power handling 100 W max; crossover point at 2,600 Hz; FR 55-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Burl walnut-effect, rosewood-effect, or black ash veneers. 7 $\frac{1}{2}$ x 27 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in; 26 lb\$1,100/pr

Sabre 2-Way Bookshelf Speaker

Infinite baffle design including 6 $\frac{1}{2}$ -in treated paper cone midbass and 1-in Ferrofluid-cooled, polyimide dome tweeter with dual chamber. Features precision audio grade 7 element crossover; damped particle board with MDF front and rear baffle. Power handling 100 W max; crossover point at 2,400 Hz; FR 60-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Dark walnut or black ash veneers. 9 x 14 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in; 18 lb\$899/pr

Swordsman Plus II 2-Way Bookshelf Speaker

Infinite baffle design including 6 $\frac{1}{2}$ -in treated paper cone midbass and 1-in Ferrofluid-cooled and damped polyimide dome tweeter. Features precision audio grade 6 element crossover; critically damped MDF construction. Power handling 100 W max; crossover point at 2,200 Hz; FR 60-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Natural walnut, mahogany, or black ash veneers. 7 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in; 16 lb\$699/pr

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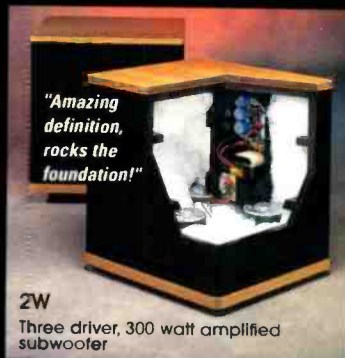
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RUSH SOUND

Model 333 2-Way Powered Speaker

Bass-reflex design with 7/8-in polypropylene woofer and 1-in polymer-dome tweeter; amp rated at 65 W x 1 at 10,000 Hz with 0.08% THD. Features MOSFET amp circuitry; internal EQ; crossovers with air-core inductors and film capacitors; aluminum cabinet bracing. Line-level input. Volume control. Crossover point 1,600 Hz; FR 34-20,000 Hz ± 2.5 dB. Black-painted oak-veneer finish. 12 x 19 x 10 1/2 in; 31 lb ...\$895/pr

SASAKI

Various accessories for wall/ceiling mounting or shelf placement are available. Contact the manufacturer for information.

CB500S 2-Way Spherical Speaker

10-in woofer, 3-in tweeter. Features hand-blown clear borosilicate 3/8-in-thick glass spherical enclosure. Power handling 10 W; FR 60-16,000 Hz; imp 15 ohms. 19 1/2-in diameter ...\$14,000/pr

CB500R Spherical Speaker

8-in dual-cone. Features hand-blown clear borosilicate 3/8-in-thick glass spherical enclosure. Power handling 30 W; FR 45-15,000 Hz; imp 8 ohms. 19 1/2-in diameter ...\$5,400/pr

CB300M 2-Way Spherical Speaker

Coaxial design with 5 1/2-in polypropylene woofer and 1/2-in polycarbonate-dome tweeter. Features hand-blown clear lead crystal 1/2-in-thick glass spherical enclosure. Power handling 30 W rms; FR 75-20,000 Hz; imp 4 ohms. 11-in diameter ...\$1,780/pr

CB300MB. As above, with stand featuring built-in 6-W black light providing blue speaker illumination ...\$2,600/pr

CB300MO. As CB300MB, orange speaker illumination ...\$2,600/pr

CB250DX 2-Way Spherical Speaker

Coaxial design with 5 1/2-in woofer and 1-in soft-dome tweeter. Features hand-blown clear lead crystal glass spherical enclosure. Available in smoked-glass, blue, or golden amber. Power handling 100 W max; crossover point 2,800 Hz; FR 80-20,000 Hz; imp 4 ohms. 9 1/2-in diameter ...\$1,099/pr

CB160MX Spherical Speaker

3 1/2-in dual-cone. Features hand-blown clear lead crystal 1/4-in-thick glass spherical enclosure. Available in orange or blue or with choice of 2 engraved designs. Power handling 30 W rms; FR 130-20,000 Hz; imp 4 ohms. 6 1/2-in diameter ...\$450/pr

CB160AVS. As above, smoked glass. Magnetically shielded ...\$480/pr

CW160AV. As CB160MX, with wave or optic-twist glass design. Magnetically shielded ...\$480/pr

Bass 1 Subwoofer

Two 6 1/2-in drivers. Features vinyl-coated wood enclosure. Power handling 80 W rms; crossover point 200 Hz; FR 50-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 19 x 9 x 12 in ...\$250

SCAN AMERICAN

SD Series

Mid and bass drivers use magnesium die cast baskets with aluminum high-power voice coils assembled on impregnated resonance-free paper cones. These drivers use a patented system which allows for equal movement and reaction time from both positive and negative impulses. The tweeters are 3/4-in soft domes made of impregnated cloth with a double chamber and series coupled double acoustic damping of the back of the dome. Extremely low in mass, these tweeters have a reaction time of 1/1000,000 of a second making the reproduction of transients effortless.

SD-Four 2-Way Speaker

Infinite baffle design with 8-in bass driver and 3/4-in soft dome tweeter. FR 25-20,000 Hz; sens 89 dB

SPL/W/m. Black oak, oak, or walnut wood veneers. 12 x 19 x 10 1/2 in ...\$1,650/pr

SD-Three 2-Way Speaker

Infinite baffle design with 6-in bass driver and 3/4-in soft dome tweeter. FR 40-20,000 Hz; sens 89 dB SPL/W/m. Black oak, oak, or walnut wood veneers. 10 x 16 x 8 in ...\$1,250/pr

SD-Two 2-Way Speaker

Infinite baffle design with 5-in bass driver and 3/4-in soft dome tweeter. FR 50-20,000 Hz; sens 88 dB SPL/W/m. Black oak, oak, or walnut wood veneers. 8 x 12 x 7 in ...\$950/pr

SD-One 2-Way Speaker

Infinite baffle design with 4-in bass driver and 3/4-in soft dome tweeter. FR 60-20,000 Hz; sens 90 dB SPL/W/m. Walnut wood veneer. 6 x 9 x 7 in ...\$650/pr

SA Series

The following feature tuned enclosures for high power handling capability with polymer-treated paper cone bass drivers utilizing butyl surrounds and narrow gap soft dome tweeters hand-assembled and individually damped; custom hand-made crossovers with phase correction; 5-way gold-plated speaker terminals; hand-crafted wood cabinets with black lacquer paint; 10 yr parts warranty on crossover and drivers.

SA 2.8 2-Way Speaker

Infinite baffle design with 8-in bass driver and soft dome tweeter. Power handling 100 W max; crossover point at 1,200 Hz; FR 30-22,000 Hz; sens 90 dB SPL/W/m. 11 x 19 x 7 1/4 in ...\$550/pr

SA 2.6 2-Way Speaker

Ported design with 6-in bass driver and soft dome tweeter. Power handling 75 W max; crossover point at 2,000 Hz; FR 40-22,000 Hz; sens 87 dB SPL/W/m. 9 1/2 x 16 x 6 1/4 in ...\$450/pr

SA 2.5 2-Way Speaker

Ported design with 5 1/2-in bass driver and soft dome tweeter. Power handling 50 W max; crossover point at 2,000 Hz; FR 55-20,000 Hz; sens 86 dB SPL/W/m. 8 x 13 1/2 x 6 1/4 in ...\$350/pr

SHAHINIAN

Rosewood, Bird's Eye Maple, Mahogany and other exotic wood finishes per availability, price quoted at time of order; dark brown or black cloth grilles standard, with almond, light brown, or bone optional at extra cost.

Dipason 4-Way Speaker

Four 5 1/2-in curved poly cone low midrange drivers, two 34-mm cambric dome high midrange drivers, two 19-mm cambric dome low tweeters, and six 10-mm W-shaped Titanium dome supertweeters. Designed to fit precisely atop the Double Eagle subwoofer. Features cabinet constructed of 13-ply Finland birch, and shaped as an asymmetric prism with unequal rakes fore and aft, and equal rakes left and right; also wall-mountable at some distance from subwoofer; low midrange drivers have 1-in voice coil and 20-oz ceramic magnet, high midranges have special east/west magnet structure, and low tweeters have phase correcting faceplate; electrical distribution is four stage branch circuit of first and third order filters for minimum phase function; 2 optional input filter choices, or direct bypass for electronic crossover and biamp function; other variations include biwiring and twin amplification; internal wiring consists of Kimber 4tc with low flux pure solder. Power handling 800 W max; FR 125-22,000 Hz +0, -3 dB; 22 x 7 x 15 1/4 in ...\$5000/pr

Double Eagle Stereo Subwoofer

Twin, back-to-back, hybrid transmission line/passive radiator bass chamber design with two 8-in polypropylene curvilinear cone drivers. Features woofers with 1 1/2-in high-temperature patented D.D. voice coils, 34-oz ceramic magnets, and magnesium

baskets; 3/4-in Finland birch cabinet construction; built-in 140 Hz/280 Hz 18 dB passive filters which may be bypassed for bi-amp operation; bridgeable into mono mode for double unit operation or stacked for quadruple high-power function. 5-way binding posts. Sits on 4 twin-wheel casters. 3-position passive input filter module optional. FR 23-140 Hz or 23-280 Hz +0, -3 dB (user's option); imp 6 ohms. Santos Rosewood or Bird's Eye Maple finish. 23 x 32 x 15 in; 105 lb ...\$4,600/pr

Double Eagle. As above, Mahogany finish \$3,200/pr

Double Eagle. As above, Oak or Walnut finish ...\$3,000/pr

Hawk Module 3-Way Speaker

Four 4 1/2-in curved poly cone low/midrange drivers, three 19-mm treated textile dome midtweeters, and four 10 mm W-shaped Titanium deposit poly dome supertweeters. Designed as companion to match the Hawk subwoofer, may be used with Double Eagle subwoofer as well; a meticulous reduction of the Diapason with essential geometry retained. Features cabinet shaped as an asymmetric prism with unequal rakes fore and aft, and equal rakes left and right; low/midrange drivers with 1-in aluminum voice coils and 10-oz ceramic magnets, midtweeters with correcting faceplate and damped chamber; mixture of first and third order filters (6 and 18 dB) for minimum phase function; 250 Hz input filter may be bypassed for substitution, if required, for use with other subwoofers; internal wiring consists of Kimber 4tc with low flux high quality pure solder. Direct bypass for electronic crossover optional. Power handling 600 W max; FR 250-22,000 Hz +0, -3 dB. Driftwood or white additional grille options ...\$2,600/pr

Obelisk 3-Way Speaker

Rear-mounted passive radiator design with 8-in polypropylene curvilinear cone woofer, two 34-mm cambric ultralight exposed dome midranges, and four W-shaped Titanium/polyimide dome supertweeters. Designed as a genuine poly/omnidirectional speaker which performs best in the open, away from walls and corners. Features woofer with 1 1/2-in aluminum high-temperature patented D.D. voice coil, 28-oz ceramic magnet, and magnesium basket; supertweeters with 10-mm voice coils; filters at 6 dB woofer, 18 dB midrange, 18 dB supertweeter; 3.0 amp fast blow fuse. Dual binding posts. Fitted with four twin-wheel casters suitable for carpeted or hard floors. FR 28-22,000 Hz -3 dB; imp 6 ohms. Oak or walnut finish. 14 1/2 x 29 x 12 1/2 in; 56 lb ...\$2,350/pr

Hawk Subwoofer

Hybrid transmission line/rear-mounted passive radiator design with 8-in polypropylene curvilinear bass/mid driver. Designed for use with Hawk Module, but also well-matched with Super Elves, acoustically and visually; essentially one-half of a Double Eagle turned 90° and inverted. Features built-in filter module containing multiple devices to provide several crossover options, including a satellite output; 3/4-in Finland birch enclosure construction; woofer with 1 1/2-in aluminum bobbin with polythermalize voice coil, 34-oz ceramic magnet, and cast magnesium housing. 5-way solid brass binding posts. 250/500 Hz filters, user selectable at 6 dB per oct, with other permutations possible. Power handling 500 W max; FR 25-250 or 25-500 Hz +0, -3 dB (user's option); impedance 6 ohms. Dimensions: 14 1/2 x 30 x 11 1/4 in; 60 lb ...\$1,900/pr

Arc 3-Way Speaker

Rear-mounted passive radiator design with 8-in polypropylene curvilinear cone woofer, 34-mm cambric ultralight exposed dome midrange, and 1-in Titanium deposit polydome supertweeter. Features woofer with 1 1/2-in high-temperature patented D.D. voice coil, 28-oz ceramic magnet, magnesium basket; 3.0 amp quick blow fuse; filters at 6 dB woofer, 18 dB midrange, 18 dB tweeter; vertical, angular, indirect presentation. Dual binding posts. Frequency response 28-18,000 Hz +0, -3 dB; impedance 6 ohms. Special order black finish. Dimensions: 14 x 27 1/2 x 9 1/4 in; 43 lb ...\$1,700/pr

Light or medium oak finish ...\$1,550/pr

Super Elf 2-Way Speaker

Damped, friction-loaded vent design with 5½-in curved poly cone woofer and 1-in Titanium dome tweeter. Features 13-ply Finland birch, cross-braced enclosure; Polyfil and long-haired lamb's wool damping; woofer with 1-in voice coil, cast housing, and 20-oz motor; tweeter with supranal suspension Ferrofluid damped, neodymium motor; 6 dB woofer rolloff, 18 dB tweeter roll-in filters. Solid brass, gold-plated, dual 8-way binding posts. Power handling 150 W max; FR 48-19,500 Hz; imp 6 ohms. Oak or walnut finish; reduced cost utility option of Finland birch sealed and buffed, or raw-sanded for customer to paint or stain. 8¼ x 14¼ x 9½ in\$750/pr

SHERWOOD

SP250 Subwoofer/Satellite System

Subwoofer with 8-in dual-voice-coil poly laminate driver; 2 satellites, each with 3½-in woofer and 2½-in tweeter. Features overload protection. Magnetic satellite shielding. Includes wall-mount brackets and cable. Power handling 200 W rms; sensitivity 89 dB. Subwoofer 12¼ x 5¼ x 20 in. Satellites 4¼ x 8¼ x 4¼ in\$299

SP200 Surround/Center-Channel System

2 surround speakers, each with 3½-in woofer and 2½-in tweeter; center-channel speaker with two 4-in woofers and one 2-in tweeter. Magnetic center-channel shielding. Includes wall-mount brackets. Power handling 75 W rms; sens 91 dB. Surrounds 4¼ x 8¼ x 4¼ in. Center channel 17¼ x 17¼ x 6 in\$249

SP450. SP250 and SP200 combination\$500

SIGNET

SL280ex 2-Way Speaker

Vented design. 8-in polypropylene woofer, 1-in Ferrofluid cooled aluminum dome tweeter. Features crossover with air-core inductors, polypropylene capacitors, OFC wiring; injection-molded magnesium frame; biwire/biamp terminals. Power handling 200 W; crossover point 2,500 Hz; FR 30-25,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Walnut veneer finish. 34¼ x 9¼ x 12¼ in; 45 lb\$1,300/pr

SL280exB. Black vinyl finish\$900/pr

SL280B/U. As above, FR 35-25,000 Hz. 25 x 9¼ x 12¼ in; 35 lb\$700/pr

SL260B/U 2-Way Speaker

As above, 6-in woofer and ¾-in tweeter. Power handling 150 W; crossover point 3,000 Hz; FR 45-25,000 Hz; sens 87 dB SPL/W/m. Dimensions: 15½ x 8¼ x 12¼ in; 21 lb\$450/pr

LCR (Left/Center/Right) 2-Way Speaker

Designed for home theater usage. Two 6-in woofers and 1-in soft aluminum dome tweeter with Ferrofluid-cooled voice-coil. Features shielding; crossover with air-core inductors, polypropylene capacitors, and OFC wiring. Power handling 75 W; crossover point 2,500 Hz; FR 45-20,000 Hz; sens 89 dB SPL/W/m. Black vinyl finish. 7½ x 24 x 14 in; 32 lb\$450

SL250B/U 2-Way Bookshelf Speaker

Vented design. 5½-in paper cone woofer and ¾-in metallized-polycarbonate dome tweeter with Ferrofluid-cooled voice-coil. Features crossover with air-core inductors, polypropylene capacitors, and OFC wiring. Power handling 100 W; crossover point 3,300 Hz; FR 50-22,000 Hz; sens 88 dB SPL/W/m. Black vinyl finish. 12½ x 7 x 10 in; 12 lb\$300/pr

SL240B/U 2-Way Bookshelf Speaker

Vented design. 5¼-in woofer and ¾-in metallized-polycarbonate dome tweeter with Ferrofluid-cooled voice-coil. Features magnetic shielding. Power handling 75 W; crossover point 4,000 Hz; FR 65-20,000 Hz; sens 88 dB SPL/W/m. Black vinyl finish. 10¼ x 7 x 6 in; 6 lb\$200/pr

SL240WH. White vinyl finish\$200/pr

SLC40 2-Way Center-Channel Speaker

Two shielded 4-in long-throw woofers and ¾-in shielded, Ferrofluid-cooled, metallized-polycarbon-

ate dome tweeter. Power handling 75 W; crossover point 10,000 Hz; FR 50-20,000 Hz; sens 89 dB SPL/W/m. Black vinyl. 5 x 20 x 10 in; 15 lb\$149

SNELL

Type A 4-Way Speaker System

Two subwoofers, each with 18-in driver; two tower speakers, each with four 6½-in midbasses, two 5¼-in mineral-filled polypropylene-cone midranges, one 1½-in front-firing textile-dome tweeter, and one 1-in rear-firing metal-dome tweeter. Crossover points 80, 350, and 2,800 Hz; FR 17-80 Hz ±2 dB subwoofers, 80-20,000 Hz ±1.5 dB towers; sens 88 dB SPL/W/m subwoofers, 87 dB SPL/W/m towers; Impedance 8 ohms. Subwoofers 21¼ x 45 x 17 in. Towers 9 x 63 x 12 in\$18,999

Type B 4-Way Speaker

One 10-in rear-firing subwoofer, one 10-in woofer, two 5¼-in mineral-filled polypropylene-cone midranges, one 1-in front-firing aluminum-dome tweeter, one ¾-in rear-firing aluminum-dome tweeter. Crossover points 40, 275, and 2,700 Hz; FR 20-20,000 Hz ±1.5 dB; sens 86 dB SPL/W/m; imp 4 ohms. 17½ x 48½ x 18 in; 130 lb\$4,799/pr

Type B Minor 3-Way Speaker

One 12-in slide-firing woofer, two 5¼-in mineral-filled polypropylene-cone midranges, one 1-in titanium-dome tweeter, one ¾-in rear-firing metal-dome tweeter. Crossover points 275 and 2,700 Hz; FR 20-22,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 10¼ x 48½ x 16 in; 110 lb\$3,599/pr

Type CV 3-Way Speaker

Two 8-in Injection-molded woofers, two 5-in injection-molded cone midranges, one 1-in titanium-dome tweeter, one 1-in rear-firing 5-layer laminated-dome tweeter. Crossover points 300 and 2,800 Hz; FR 30-22,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 10¼ x 46¼ x 18 in; 107 lb\$2,499/pr

Type D 3-Way Speaker

8-in injection-molded woofer, 5-in injection-molded cone midrange, 1-in titanium-dome tweeter, 1-in rear-firing fabric-dome tweeter. Crossover points 350 and 2,800 Hz; FR 36-20,000 Hz ±1.75 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 43 x 18¼ x 12¼ in; 87 lb\$1,699/pr

Type E/III 2-Way Speaker

Bass-reflex design with 8-in polymer-treated woofer, 1-in soft-dome tweeter, and ¾-in rear-firing Ferrofluid-cooled dome supertweeter. Gold-plated biwire/bl-amp terminals. Power handling 150 W cont; crossover point 2,700 Hz; FR 39-20,000 Hz ±1.75 dB; sens 91 dB SPL/W/m; imp 8 ohms. 13 x 35 x 11¼ in; 50 lb\$999/pr

Type Q 2-Way Bookshelf Speaker

6½-in polypropylene woofer, 1-in rear-firing textile-dome tweeter, ¾-in rear-firing tweeter. Power handling 150 W cont; crossover point 2,700 Hz; FR 75-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 10½ x 15½ x 6¼ in; 23 lb\$899/pr

Type Qv. As above, magnetically shielded\$469

Type J/III 2-Way Bookshelf Speaker

Bass-reflex design with 8-in polymer-treated woofer and 1-in soft-dome tweeter. Gold-plated biwire/bl-amp terminals. Power handling 150 W cont; crossover point 2,700 Hz; FR 49-20,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 8 ohms. 13 x 23 x 9¼ in; 35 lb\$699/pr

Type CC-1 2-Way Bookshelf Speaker

Two 5¼-in injection-molded woofers, one 1-in textile-dome tweeter. Crossover point 2,700 Hz; FR 80-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 16½ x 7¼ x 8 in; 17 lb\$499

Type K/II 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in polypropylene woofer and ¾-in Ferrofluid-cooled soft-dome tweeter. Biwire/biamp terminals. Power handling 100 W cont;

crossover point 2,700 Hz; FR 70-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 10¼ x 18¼ x 7¼ in; 26 lb\$479/pr

Type K/IIv. As K/II, magnetically shielded\$249

Music and Cinema Series

Music and Cinema Reference THX System

THX certified. Two Music and Cinema Reference speakers, one LCR2800, two SUR2800s, and two SUB-1800s\$29,993

Music and Cinema Reference

3-Way THX Speaker

Four 6½-in woofers, two 5¼-in mineral-filled polypropylene-cone midranges, three 1-in fluid-cooled textile-dome tweeters. Features THX certification. Crossover points 80, 350, 2,800, and 8,500 Hz; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 63 x 12 in; 145 lb\$6,599

LCR2800 3-Way THX Speaker

Two 8-in mineral-filled polypropylene woofers, two 4½-in mineral-filled polypropylene-cone midranges, three 1-in fluid-cooled textile-dome tweeters. Features THX certification. Crossover points 80, 350, 2,800, and 8,500 Hz; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Dimensions: 23 x 18 x 12¼ in\$4,799

SUR2800 3-Way THX Speaker

One 8-in injection-molded woofer, two 6½-in mineral-filled polypropylene-cone midranges, two 1-in aluminum-dome tweeters. Features THX certification. Crossover points 120, 300, and 2,700 Hz; FR 36-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 10¼ x 87 x 7¼ in; 110 lb\$3,499

SUB1800 THX Subwoofer

4th-order vented design with 18-in driver. Features THX certification. FR 17-80 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss black-veneer finish. 21¼ x 45 x 17 in; 120 lb\$2,499

SUR850 3-Way In-Wall THX Surround Speaker

Dipole design with two 5¼-in woofers, two 4½-in cone midranges, and two 1-in aluminum-dome tweeters. Features THX certification. Crossover points 300 and 2,800 Hz; FR 120-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms\$1,599

LCR1800 2-Way THX Speaker

Two 8-in woofers, two 1-in tweeters. Designed for front channel in home theater system. Features THX certification. Magnetic shielding. Stand optional. Crossover point 2,750 Hz; FR 80-20,000 Hz; sens 93 dB SPL/W/m; imp 4 ohms. High-gloss black-veneer finish. 13 x 25 x 11¼ in; 46 lb\$1,499

SUR800 3-Way In-Wall Surround Speaker

Dipole design with one 5¼-in woofer, two 4½-in cone midranges, and two 1-in aluminum-dome tweeters. FR 125-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. Black brushed aluminum finish. 22 lb\$1,399

LCR800 2-Way In-Wall THX Speaker

Two 6½-in polypropylene woofers, two ¾-in aluminum-dome tweeters. Features THX certification. Magnetic shielding. Crossover point 2,750 Hz; FR 80-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; impedance 8 ohms\$1,099

HCC800. As above, no THX certification. Optimized for horizontal placement\$1,099

LCR500 2-Way THX Speaker

Two 6½-in polypropylene woofers, two ¾-in aluminum-dome tweeters. Designed for front channel in home theater system. Features THX certification. Magnetic shielding. Stand optional. Crossover point 2,700 Hz; FR 80-20,000 Hz; sens 89 dB; imp 8 ohms. High-gloss black-veneer finish. 9¼ x 22 x 7¼ in; 35 lb\$899

HCC500. As above, no THX certification. Optimized for horizontal placement\$899

SUR500 2-Way THX Surround Speaker

Dipole design with two 6½-in polypropylene woofers

and two 1-in aluminum-dome tweeters. Features THX certification. Power handling 150 W cont avg; crossover points 300 and 2,700 Hz; FR 125-20,000 Hz; sensitivity 85 dB; impedance 8 ohms. High-gloss black-veneer finish. Dimensions: 9½ x 16½ x 7¾ in; 35 lb\$899

SUB800 In-Wall THX Subwoofer

Acoustic-suspension design with 12-in driver. Features THX certification. FR 20-80 Hz ±3 dB; sensitivity 90 dB SPL/W/m. Dimensions: 14¼ x 53 x 6¾ in; 70 lb\$799

SUB550 THX Subwoofer

12-in driver. Features THX certification. FR 20-80 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 18¼ x 23½ x 11½ in; 60 lb\$549

SONANCE

D6000 3-Way In-Wall Speaker

8-in polypropylene dual-voice coil woofer, 2½-in polypropylene midrange, ¾-in pivoting-metal dome tweeter. FR 33-21,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 6 ohms. 10 x 16 x 3 in\$959/pr

DL15 Powered Subwoofer

Acoustic suspension design with 15-in driver; amp rated at 160 W x 1 max. Features selectable audio/video contour levels; fixed crossover point at 100 Hz; variable crossover point between 40-150; FR 24-150 Hz ±3 dB; imp 4 ohms. Black wood-grain finish. 14 x 14 x 11¼ in; 28 lb\$899

D5500 3-Way In-Wall Speaker

8-in polypropylene dual-voice coil woofer, 2½-in treated-paper midrange, ¾-in pivoting-metal dome tweeter. FR 39-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; impedance 6 ohms. Footprint 10 x 16 x 3 in\$759/pr

S45 2-Way In-Wall Speaker

8¼-in polypropylene woofer, 1-in soft-dome tweeter. Features die-cast woofer frame; 24-dB/oct Butterworth crossover. 3-position high-frequency switch. Includes mounting bracket. Power handling 100 W; FR 35-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. Footprint 12 x 16 x 3 in\$695/pr

D5000 3-Way In-Wall Speaker

8-in polypropylene woofer, 2½-in treated-paper midrange, ¾-in pivoting-metal dome tweeter. FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 10 x 16 x 3 in\$559/pr

DL10 Powered Subwoofer

Acoustic suspension design with 10-in driver; amp rated at 90 W x 1 max. Features selectable audio/video contour levels; variable crossover point between 40-150; FR 30-150 Hz ±3 dB; imp 4 ohms. Black wood-grain finish. Dimensions: 21¼ x 17¾ x 17¼ in; 55 lb\$549

S40 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Includes mounting bracket. Power handling 75 W; FR 40-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 12 x 16 x 3 in\$525/pr

AiS500 3-Way In-Wall Speaker

4-in woofer, 3½-in midrange, ¾-in dome-tweeter. Crossover point 3,500 Hz; FR 60-20,000 Hz ±5 dB; sens 89 dB SPL/W/m; imp 6 ohms. Dimensions: 12 x 16 x 3 in\$499/pr

SF400 2-Way In-Wall Speaker

Vented design with one 4-in polypropylene woofer on each side of one 1-in soft-dome tweeter. Power handling 90 W rms; FR 60-20,000 Hz ±2.5 dB; sens 89 dB SPL/W/m; imp 8 ohms. White finish. Dimensions: 14 x 18 x 3 in\$499/pr

MB30 2-Way Outdoor Speaker

6½-in polypropylene woofer, 1-in soft-dome tweeter. Features water-resistant ABS sealed cabinet; stainless steel hardware. Power handling 110 W; FR 60-

20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. White or black finish. 8 x 13 x 9 in\$499/pr

S3500 2-Way In-Wall Speaker

6½-in polypropylene dual-voice coil woofer, pivoting 1-in Ferrofluid-cooled soft-dome tweeter. Features neodymium tweeter magnet; rubber woofer surround. 3-position tweeter and woofer-imp controls. Power handling 75 W max; FR 45-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. White finish. 8 x 12 x 3 in\$489/pr

PSW2 In-Wall Subwoofer

8¼-in dual-voice coil pulp driver. Crossover point 125 Hz; 3-position level control; L/R stereo inputs. Power handling 75 W/ch; FR 30-125 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. 12 x 16 x 3\$435
PSW1. As above, without 3-position level control\$329

S2R 2-Way In-Wall Speaker

Coaxial design with 6½-in woofer, ¾-in dome-tweeter. Crossover point 3,200 Hz; FR 50-20,000 Hz ±3 dB; sens 89 SPL/W/m; imp 8 ohms. White finish. 10 x 3 in\$425/pr

MB20 2-Way Outdoor Speaker

6½-in polypropylene woofer, 1-in polycarbonate-dome tweeter. Features water-resistant ABS sealed cabinet; stainless steel hardware. Power handling 75 W; FR 65-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. White or black finish. 8 x 13 x 9 in\$399/pr

S3000 2-Way In-Wall Speaker

6½ polypropylene dual-voice coil woofer, 1-in soft-dome tweeter. Features urethane woofer surround. Woofer imp and tweeter response adjustable via separate jumpers. Power handling 75 W max; FR 45-20,000 ±3 dB; sens 89 dB SPL/W/m; imp 6 ohms. 8 x 12 x 3 in\$389/pr

SB31 2-Way Outdoor Speaker

4-in polypropylene woofer, 1-in soft-dome tweeter. Features water-resistant ABS sealed cabinet; stainless-steel hardware. Power handling 50 W; FR 75-20,000 ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. White or black finish. 5 x 9 x 6 in\$325/pr

M300V 2-Way In-Wall Speaker

4-in woofer, ½-in pivoting-dome tweeter. Features magnetic shielding. Power handling 60 W; FR 65-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. 6 x 9 x 2 in\$325/pr

S3R 2-Way In-Wall Speaker

Coaxial design with 6½-in dual-voice coil woofer, pivoting 1-in dome-tweeter. Crossover points 177, 3,000 Hz; FR 45-20,000 Hz ±3 dB; sensitivity 89 SPL/W/m; impedance 6 ohms. White finish. Dimensions: 10 x 3 in\$285/pr

DiR20 2-Way Bookshelf Speaker

Coaxial design with 6½-in woofer, pivoting 1-in dome-tweeter. Magnetic shielding. Crossover point 2,900 Hz; FR 70-20,000 Hz ±3 dB; sens 87 SPL/W/m; imp 4 ohms. Black wood-grain finish. Dimensions: 9 x 15 x 11 in\$279

ASW1 In-Wall Subwoofer

8¼-in dual-voice coil pulp driver. Selectable crossover point 50/75/100; L/R stereo inputs. Power handling 200 W rms; FR 28-100 Hz ±3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 12 x 16 x 3\$260

SB21 2-Way Outdoor Speaker

4-in polypropylene woofer, ¾-in soft-dome tweeter. Features water-resistant ABS sealed cabinet; stainless-steel hardware. Power handling 50 W; frequency response 80-20,000 ±3 dB; sens 86 dB SPL/W/m; impedance 5 ohms. White or black finish. Dimensions: 5 x 9 x 6 in\$259/pr

M20R 2-Way In-Wall Speaker

4-in woofer, 1-in tweeter. FR 70-20,000 ±3 dB; sensitivity 87 SPL/W/m; impedance 8 ohms. White finish. 7 x 3 in\$205/pr

S2000 2-Way In-Wall Speaker

6½ polypropylene woofer, ¾-in Ferrofluid-damped polycarbonate tweeter. Urethane woofer surround. Power handling 50 W rms; FR 50-20,000 ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8 x 12 x 3 in\$255/pr
S100. As S2000, 2-in cone tweeter. FR 70-19,000 Hz ±5 dB, sens 90 dB SPL/W/m\$189/pr

M200 2-Way In-Wall Speaker

4-in woofer, ¾-in dome tweeter. Power handling 50 W; FR 70-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. 6 x 9 x 2 in\$240/pr

SB11 2-Way Outdoor Speaker

4-In polypropylene woofer, 1-In tweeter. Features water-resistant ABS sealed cabinet; stainless-steel hardware. Power handling 45 W; FR 90-15,000 ±5 dB; sens 85 dB SPL/W/m; imp 8 ohms. White or black finish. 5 x 9 x 6 in\$179/pr

S1R 2-Way In-Wall Speaker

Coaxial design with 6½-in woofer, 2-in tweeter. Crossover point 3,500 Hz; FR 70-19,000 Hz ±5 dB; sens 90 SPL/W/m; impedance 8 ohms. White finish. 7 x 3 in\$169/pr
Water-resistant version\$269/pr

M100 2-Way In-Wall Speaker

4-in woofer, 1-in dome tweeter. Power handling 50 W; FR 75-15,000 Hz ±5 dB; sens 87 dB SPL/W/m; imp 8 ohms. 6 x 9 x 2 in\$140/pr

M10R 2-Way In-Wall Speaker

4-in woofer, 1-in tweeter. FR 75-15,000 ±5 dB; sens 87 SPL/W/m; imp 8 ohms. White finish, metal or cloth white grille. 7 x 3 in\$120/pr
M10RB. As above, black grille\$120/pr

SONIC GEM

Each of the following features an acoustic-suspension design with a dampened enclosure cavity and a hand-soldered crossover with air-core inductors and Mylar-film capacitors. Custom finishes are available.

Black Diamond 2-Way Speaker

Two 8-in woofers, 1-in impregnated fabric soft-dome tweeter. Power handling 150 W; crossover point 3,000 Hz; frequency response 37-27,000 Hz; impedance 6 ohms. Black-lacquer finish. Dimensions: 15 x 30 x 8 in\$1,549/pr

Black Ruby 2-Way Speaker

8-in woofer, 1-in impregnated fabric soft-dome tweeter. Power handling 150 W; crossover point 3,200 Hz; FR 40-27,000 Hz; imp 8 ohms. Black-lacquer finish. 6 x 26 x 12 in\$1,159/pr

Black Emerald Subwoofer

12-in woofer. 150-W volume control. Power handling 150 W; crossover point 150 Hz; FR 28-150 Hz; impedance 8 ohms. Black-lacquer finish. Dimensions: 15 x 30 x 8 in\$749

Music Monitor 2-Way Speaker

10-in woofer, 1-in impregnated fabric soft-dome tweeter. Power handling 150 W; crossover point 2,500 Hz; FR 40-22,000 Hz; imp 8 ohms. Light-oak finish. 15 x 26 x 11 in\$699/pr

Black Pearl 2-Way Bookshelf Speaker

8-in woofer, 1-in impregnated fabric soft-dome tweeter. Power handling 150 W; crossover point 3,200 Hz; FR 50-22,000 Hz; imp 8 ohms. Black-lacquer finish. 10 x 14 x 8 in\$599/pr

SONY

SA-VA3 Powered Home Theater System

4 pieces. Front left speaker with integral subwoofer, center-channel speaker, and system controls; front right speaker with integral subwoofer; 2 surround speakers; 121-W triamplification. Line-level center-channel output. Integral Dolby Pro Logic decoder with 5 surround modes; bass and treble controls; auto power-on/off; remote control\$950

SA-VA1 Powered Home Theater System

2 pieces. Front left and right speakers with integral subwoofer, system controls; 100-W amplification. Integral Dolby Pro Logic decoder; center and surround level controls; variable delay time; muting; remote control. 41 x 7 x 11\$700

SS-TL4 3-Way Speaker

Transmission-line enclosure design with 6½-in woofer, 4-in woofer, 1-in tweeter. Power handling 120 W. Black oak vinyl veneer finish\$480/pr

SS-CR600 Center/Surround System

SS-CN200AV, two SS-U22AVs\$329

SS-CN3 2-Way Speaker

Two 4-in woofers, 1-in dome tweeter. Magnetic shielding; tweeter angle adjustable. Imp 8 ohms. Gray PVC finish\$280

SS-U610 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 5-in woofer, 1-tweeter. Power handling 200 W; imp 8 ohms. Oak vinyl veneer finish\$280/pr

SRS-180 2-Way Powered Mini Speaker

2½-in driver; amp rated at 10 W x 1. Features stereo mini-plug input. FR 70-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms\$250/pr

SS-CN200AV 2-Way Speaker

Two 5-in woofers, 1-in tweeter. Magnetic shielding. Power handling 120 W\$229/pr

SS-EX5 2-Way Bookshelf Speaker

8-in woofer, 1-in tweeter. Power handling 100 W; imp 8 ohms. Black vinyl veneer finish\$225/pr

SRS-160 2-Way Powered Mini Speaker

2½-in driver; amp rated at 10 W x 1. Features stereo mini-plug input. FR 70-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms\$200/pr

SRS-88 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 10 W x 1. Features stereo mini-plug input. FR 70-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms\$200/pr

SRS-77G Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 5 W x 1. Features stereo mini-plug input. FR 100-20,000 Hz; sens 84 dB SPL/W/m\$200/pr

SRS-68 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 5 W x 1. Features stereo mini-plug input. FR 80-20,000 Hz; sensitivity 85 dB SPL/W/m; impedance 4 ohms\$175/pr

SS-CR300 Center/Surround System

Center speaker with two 5-in woofers; two surround speakers, each with 5-in woofer. Center speaker magnetically shielded. Power handling center speaker 80 W; imp 8 ohms; power handling surround speakers 50 W; imp 8 ohms\$160/pr

SRS-58 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 3 W x 1. Features stereo mini-plug input. FR 100-20,000 Hz; sens 85 dB SPL/W/m\$130/pr

SRS-48 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 2.5 W x 1. Features stereo mini-plug input. FR 150-20,000 Hz; sens 85 dB SPL/W/m\$100/pr

SRS-47G Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 0.4 W x 1. Features stereo mini-plug input. FR 150-20,000 Hz; sens 84 dB SPL/W/m\$80/pr

SRS-A30 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 2 W x 1. Features stereo mini-plug input. FR 100-20,000 Hz; sens 85 dB SPL/W/m; Impedance 4 ohms\$50/pr

SRS-A20 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 1 W x 1. Features stereo mini-plug input. FR 150-20,000 Hz; sens 85 dB SPL/W/m\$30/pr

SRS-A10 Powered Mini Speaker

Bass-reflex design with 2½-in driver; amp rated at 0.4 W x 1. Features stereo mini-plug input. FR 200-16,000 Hz; sens 85 dB SPL/W/m\$20/pr

SRS-T10 Powered Mini Speaker

Bass-reflex design with 2-in driver; amp rated at 0.4 W x 1. Features stereo mini-plug input. FR 250-16,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 4½ x 2¼ x 4¾\$20/pr

SRS-9 Mini Speaker

Bass-reflex design with 2½-in driver. Features stereo mini-plug input. FR 200-15,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 5½ x 3½ x 3¾\$20/pr

SRS-5G Mini Speaker

Sealed design with 2-in driver. Features stereo mini-plug input. FR 250-15,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 2½ x 7 x 9½ in\$13/pr

SRS-7 Mini Speaker

Bass-reflex design with 2½-in driver. Features stereo mini-plug input. FR 250-15,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 3½ x 2½ x 2½ in\$10/pr

ES Series

The following feature mineral-filled polypropylene cones with butyl rubber surrounds, Ferrofluid cooled tweeters, 24-dB/oct crossovers, separate high and low frequency crossover boards, polypropylene capacitors, ceramic resistors. Enclosures feature non-parallel internal surfaces and computer-optimized bass tuning.

SS-M7 3-Way Speaker

Sealed design with 8-in woofer, 4½-in polypropylene midrange, 1-in tweeter. Power handling 200 W max; FR 47-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 3 ohms\$1,400/pr

SS-M3 2-Way Speaker

Sealed design with 6½-in woofer, 1-in tweeter. Power handling 120 W cont avg; FR 70-20,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 6 ohms\$900/pr

SOTA**Time Domain Series**

Each of the following features a damped time-corrected enclosure without diffractive edges or parallel sides, Kevlar drivers, hand-assembled crossovers, separate crossover paths for each driver, and solid-copper Edison-Price binding posts soldered directly to the crossover, and is available in light-, dark-, or black-oak finish. Common specs include power handling 200 W, sens 89 dB SPL/W/m, and imp 8 ohms.

Model 4 3-Way Speaker

Subwoofer enclosure with 8-in woofer; separate midrange/tweeter enclosure. Features 1¼-in wood midrange/tweeter enclosure. Biwire/biamp terminals. FR 37-22,000 Hz ±3 dB. Subwoofer 12 x 32 x 16 in; 60 lb. Midrange/tweeter enclosure 12 x 16½ x 12 in\$3,995/pr

Panorama 2-Way Bookshelf Speaker

2 drivers. Features 1¼-in-wood midrange/tweeter enclosure. Biwire/biamp terminals. FR 58-22,000 Hz ±3 dB. 12 x 16½ x 12 in\$2,095/pr

Model 2 3-Way Speaker

3 drivers including 8-in woofer. Features subenclosure for woofer. FR 37-22,000 Hz ±3 dB. 14 x 40 x 16 in; 75 lb\$2,795/pr

SOUND DECOR

The following models have these features in common: bass reflex, mirror-image speaker units housed in solid oak end table including 5¼-in fiberglass cone

woofer/midrange with high compliance rubber surround and ventilated, non-resonant die cast chassis and 1-in catenary domed textile tweeter. Bottom mounted tweeter control. Power handling 75 W cont avg into 8 ohms; crossover point at 3,000 Hz; sens 90 dB SPL/W/m. Gold binding posts. 24 x 21 x 22 in.

Model 94002SK 2-Way End Table Speaker

Shaker style end table design available in a variety of finishes\$995/pr

Model 94002CD. As above, but Country style\$995/pr

Model 94002QA. As above, but Queen Anne style available in traditional dark cherry finish\$995/pr

SOUND DYNAMICS**SD 500ti 3-Way Speaker**

Bass-reflex design with two 8-in carbon-polypropylene woofers, 4½-in polypropylene midrange, and ¾-in titanium dome tweeter. Biwire/biamp terminals. Adjustable foot spikes. Power handling 275 W cont avg; crossover points 1,000 and 3,000 Hz; FR 27-22,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black ash or oak finish\$1,050/pr

ASub-15 Powered Subwoofer

Dual-rear-port design with 15-in driver; 180 W amp. Line- and speaker-level inputs. Features overload/thermal protection circuitry. A/V switch; low-pass variable control. Black ash vinyl. Dimensions: 19 x 20 x 20 in\$900

SD 400ti 3-Way Speaker

Bass-reflex design with 10-in carbon-polypropylene woofer, 4½-in polypropylene midrange, and ¾-in titanium dome tweeter. Biwire/biamp terminals; adjustable foot spikes. Power handling 250 W cont avg; crossover points 900 and 3,000 Hz; FR 30-22,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black ash or oak finish. 13 x 33 x 11 in\$800/pr

SD 300ti 3-Way Speaker

Bass-reflex design with 8-in polypropylene woofer, 4½-in polypropylene midrange, and ¾-in titanium dome tweeter. Power handling 175 W cont avg; crossover points 900 and 3,000 Hz sens 87 dB SPL/W/m; imp 6 ohms. Optional stand. Black ash or oak finish. 11 x 24 x 11 in\$600/pr

ASUB-12 Powered Subwoofer

Dual-rear-port design with 12-in driver; 90 W amp. Line- and speaker-level inputs. Low-pass filter adjustable from 50-130 Hz. EQ switch. Black ash finish. 18 x 18 x 20 in\$500

SD 200ti 2-Way Bookshelf Speaker

Bass-reflex design with 8-in carbon polypropylene woofer and ¾-in titanium dome tweeter. Power handling 150 W cont avg; crossover point 1,800 Hz; FR 40-21,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 6 ohms. Optional stand. Black ash or oak finish. 11 x 20 x 9 in\$450/pr

SD 100ti 2-Way Bookshelf Speaker

Bass-reflex design with 6½-in carbon-polypropylene woofer and ¾-in titanium dome tweeter. Power handling 125 W cont avg; crossover point 1,900 Hz; FR 45-21,000 Hz ±2 dB; sens 86 dB SPL/W/m; imp 6 ohms. Optional stand. Black ash or oak finish. 10 x 16 x 9 in\$300/pr

SD 50ti 2-Way Bookshelf Speaker

Bass-reflex design with 5¼-in carbon-polypropylene woofer and ¾-in titanium dome tweeter. Power handling 80 W cont avg; crossover point 2,000 Hz; FR 55-20,000 Hz ±2 dB; sens 85 dB SPL/W/m; imp 6 ohms. Optional stand\$220/pr

Reference Series**R-818 2-Way Speaker**

Bass-reflex design with two 8½-in injection-molded woofers, 1-in trilaminate metal dome tweeter. Biwire/biamp terminals. Adjustable spiked stand. Power handling 200 W cont avg; crossover point 2,000 Hz; FR 34-20,000 Hz ±3 dB; sens 90 dB SPL/W/m;

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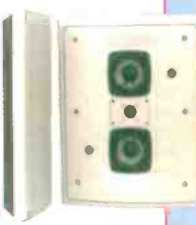
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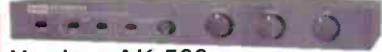
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imp 8 ohms. Black ash finish. 10 x 43 x 14 in \$700/pr
R-616. As above, two 6½-in woofers. FR 39-20,000 Hz ±3 dB; sens 89 dB. 9 x 39 x 11 in \$550/pr
R-515. As R-616, two 5½-in woofers. Power handling 125 W cont avg; FR 45-20,000 Hz. Dimensions: 7 x 32 x 9 in \$450/pr

R-85 2-Way Bookshelf Speaker
 Bass-reflex design with 8-in injection-molded woofer, ¾-in titanium dome tweeter. Power handling 80 W cont avg; crossover point 2,200 Hz; FR 45-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black ash finish. 19 x 10 x 10 in \$280/pr

R-65 2-Way Bookshelf Speaker
 Bass-reflex design with 6½-in injection-molded woofer and ½-in titanium dome tweeter. Power handling 100 W cont avg; FR 48-20,500 Hz ±3 dB; sens 87.5 dB SPL/W/m; crossover point 2,500 Hz; imp 6 ohms. Black ash finish. 13 x 7 x 10 in \$200/pr
R-55. As above, 5½-in woofer. Power handling 80 W cont avg; crossover point 3,500 Hz; FR 60-20,000 Hz ±3 dB; sens 86 dB SPL/W/m. 10 x 8 x 10 in \$150/pr

Home Theater Series

Cinesat-2 2-Way Satellite Speaker
 Acoustic-suspension design with 4½-in polypropylene woofer and ½-in titanium-polycarbonate tweeter. Power handling 125 W cont avg; crossover point 2,500 Hz; FR 140-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Optional stand or wall bracket. 8 x 5 x 5 in; 5 lb \$249/pr

Cinesub Subwoofer
 4th-order vented band-pass design with 6½-in driver. Power handling 125 W cont avg; crossover point 140 Hz; FR 50-140 Hz ±3 dB; sens 86 dB SPL/W/m; imp 4 ohms. Black ash vinyl veneer finish. Dimensions: 7 x 13 x 17 in \$199

Cinecenter Center-Channel Speaker
 Dual-vented design with two 4½-in woofers and ½-in polycarbonate flared-dome tweeter mounted on sloped baffle. Power handling 100 W cont avg; crossover point 2,500 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black ash vinyl veneer finish \$149

SOUND LAB

The following, except Dynastat, feature a laser-trimmed plastic electrostatic panel and a 3-band EQ.

Ultimate-1 Electrostatic Speaker
 Full-range design. Steel frame and silver interconnect cable. Features 90° horizontal dispersion. FR 26-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms; 82 x 38 x 11 in; 210 lb \$20,750/pr

A-1 Electrostatic Speaker
 Full-range design. Features 90° horizontal dispersion. FR 28-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms; 81 x 36 x 10 in; 185 lb \$13,250/pr

Ultimate-2 Electrostatic Speaker
 Full-range design. Steel frame and silver interconnect cable. Features 60° horizontal dispersion. FR 28-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms; 70 x 29 x 7 in; 150 lb \$10,950/pr

A-3 Electrostatic Speaker
 Full-range design. Features 75° horizontal dispersion. FR 30-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 74 x 31 x 9 in; 145 lb \$9,650/pr

Pristine II Electronic Speaker
 Full-range design. Features 60° horizontal dispersion. FR 35-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 60 x 28 x 7 in; 100 lb \$5,950/pr

Dynastat Electrostatic Speaker System
 Hybrid design with 10-in woofer and electrostatic tweeter. Woofer level continuously adjustable. Brilliance adjust. Features 90° horizontal dispersion. Crossover point 250 Hz; FR 27-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 72 x 17 x 3 in (woofer box: 16 in); 78 lb \$3,390/pr

SOUNDOLIER

AS30C 2-Way In-Ceiling Speaker
 6-in woofer, ½-in tweeter. Features 18-dB/oct crossover at 4,000 Hz. Power handling 35 W rms; FR 65-20,000 Hz ±5 dB; sens 87.8 dB SPL/W/m; imp 8 ohms. Recessed lighting-style grille with white trim ring \$230/pr
AS20C. As above, flush round white grille \$219/pr

ThundraPro Series

ThundraPro 2 In-Floor/Ceiling Subwoofer
 Two 8-in drivers. Can be installed between standard 16-in center floor/ceiling joists. Power handling 100 W rms; FR 50-170 Hz ±3 dB; sens 96 dB SPL/W/m; imp 8 ohms. 13½ x 11 x 21½ in \$499

ThundraPro 1 Subwoofer
 Two 8-in drivers. L/R input pairs. Configurable for 4-ohm mono use. Power handling 100 W rms; FR 38-500 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss piano black or white finish. Dimensions: 10½ x 25 x 14½ in \$499

ThundraPro 3 In-Wall Subwoofer
 8-in dual-voice-coil driver. Power handling 50 W rms; frequency response 45-500 Hz; sensitivity 89 dB SPL/W/m; impedance 8 ohms. Paintable white finish. Cutout 9 x 13¼ in \$165

Aura Style Series

The following feature moisture-proof components and a paintable exterior. All, except AS60, feature adjustable tweeter level.

AS83 3-Way In-Wall Speaker
 8-in polypropylene woofer, 4-in polypropylene midrange, 1-in soft-dome tweeter. Features 12-dB/oct crossover. Power handling 50 W rms; crossover points 2,250 and 5,000 Hz; FR 45-20,000 Hz; sens 88 dB SPL/W/m \$449/pr

AS80 2-Way In-Wall Speaker
 8-in polypropylene woofer, 1-in soft-dome tweeter. Features 12-dB/oct crossover. Power handling 30 W rms; crossover point 2,800 Hz; FR 50-20,000 Hz; sens 88 dB SPL/W/m \$274/pr
AS62. As above, 6½-in woofer. Power handling 20 W rms; crossover point 2,500 Hz; FR 60-20,000 Hz; sens 86 dB SPL/W/m \$220/pr

AS60 2-Way In-Wall Speaker
 6½-in polypropylene woofer, 2-in paper-cone tweeter. Features 6-dB/oct crossover. Power handling 10 W rms; crossover point 3,400 Hz; FR 60-15,000 Hz; sens 85 dB SPL/W/m \$98/pr

W Series

Each of the following is weather resistant, includes mounting brackets that allow angle variation, and is available in black or cream finish.

W150T 2-Way Outdoor Speaker
 5¼-in polycarbon woofer, 1-in soft-dome tweeter. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 9 x 6¾ x 6¾ in \$175
W130T. As above, 4-in woofer. Power handling 30 W; FR 95-20,000 Hz; sens 85 dB SPL/W/m. 7¼ x 4¾ x 4¾ in \$107
W115T. As W130T, woofer not polycarbon, tweeter not soft-dome. Power handling 15 W; FR 140-14,300 Hz. 7¼ x 4¾ x 4¾ in \$59

SOUND QUEST

The following feature a 1-yr warranty.

IWB 8 In-Wall Subwoofer
 8-in dual voice-coil driver with 25 oz magnet. Features high-pass output for satellite speakers; 12-dB/oct low-pass crossover at 120 Hz. Power handling 100 W max; FR 30-500 Hz \$150/pr

IWB 5.25 2-Way In-Wall Speaker
 5¼-in mica poly cone woofer with 10 oz magnet and 1-in soft dome tweeter. Power handling 60 W max. FR 50-21,000 Hz; imp 8 ohms \$130/pr
IWB 6.5. As above, 6½-in woofer. FR 40-22,000 Hz \$200/pr

SPEAKER ART

Pro-Klaim I 2-Way Speaker
 8¼-in Kevlar honeycomb cone woofer, 1¼-in fabric tweeter. Features proprietary molded resin cabinet with curved, non-resonant, non-parallel walls eliminating all standing waves and surface diffraction; proprietary 24 dB/oct. constant voltage, zero phase error type crossover using large gauge OFC perfect lay air core chokes and 1% matched polypropylene capacitors; hand matched tweeter pairs. FR 30-21,000 Hz ±3 dB; sens 91 dB SPL/W/m. Black or jade finish (inquire as to cost). 6 yr limited warranty on parts and labor exclusive of abuse. Dimensions: 12 x 45 x 12½ in \$15,650/pr

Odyssey 2-Way Speaker
 8¼-in ultra low distortion, low compression. Kevlar construction, cast magnesium frame woofer and ¾-in inverted, ultra fast, low resonance, low distortion ceramic dome tweeter. Features proprietary 24 dB/oct constant voltage, zero phase error, Kaminsky type crossover using matched large gauge OFC coils and 1% polypropylene capacitors; tweeters in precision matched pairs. FR 45-21,000 Hz ±3 dB; sens 89 dB SPL/W/m. 6 yr limited warranty on parts and labor exclusive of abuse. 10½ x 23½ x 15 in \$3,995

Clef 2-Way Speaker
 8¼-in woofer and 1-in ultra low resonance soft dome tweeter. Features first order crossover with proprietary series and parallel filtering. 14 gauge OFC coils, 1% polypropylene caps in signal path, Lynx non-in-



Soundolier AS20C & AS30C

S P E A K E R S

ductive resistors: OFC ribbon, Teflon dielectric, zero core effect wire used throughout; high density industrial grade core, rigid ladder bracing for high stiffness to mass ratio; aphonics foam damping. Power handling 200 W maximum; frequency response 33-20,000 Hz ± 3 dB; sensitivity 93 dB SPL/W/m; impedance 8 ohms. Furniture grade oak with stained finish. 6 yr limited warranty. Dimensions: 9 $\frac{3}{4}$ x 21 x 13 in. \$950/pr

SPEAKERLAB

The following feature a red oak veneer finish.

SL 7 4-Way Speaker

Bass-reflex design. 12-in subwoofer, 10-in woofer, 1 $\frac{1}{2}$ -in midrange and 1-in poly dome tweeter. Crossover points 350 and 5,000 Hz; FR 25-21,000 Hz; sens 94 dB SPL/W/m; imp 4 ohms. 38 $\frac{1}{2}$ x 14 x 16 in; 82 lb \$999/pr
Kit \$799/pr

SL 5 3-Way Speaker

Bass-reflex design. 8-in woofer, 6 $\frac{1}{2}$ -in midrange, and 1-in poly dome tweeter. Crossover points 180 and 2,500 Hz; FR 34-21,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. 37 x 11 $\frac{1}{4}$ x 13 in; 56 lb \$659/pr
Kit \$569/pr

SL 4 2-Way Speaker

Two 6 $\frac{1}{2}$ -in woofers, one 1-in aluminum dome tweeter. Crossover point 2,500 Hz; FR 35-21,000 Hz; sens 91 dB SPL/W/m; imp 4 ohms. Dimensions: 32 x 10 x 11 $\frac{1}{8}$ in; 42 lb \$539/pr
Kit \$449/pr

SL 3 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer and $\frac{3}{4}$ -in dome tweeter. Crossover point 2,500 Hz; FR 42-21,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 18 x 9 x 10 in; 22 lb \$389/pr
Kit \$289/pr

SL SW Subwoofer

10-in dual voice-coil driver. Crossover point 150 Hz; FR 35-160 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 14 x 23 x 15 $\frac{1}{2}$ in; 43 lb \$329
Kit \$230

SL C 2-Way Center-Channel Speaker

Two 6-in shielded woofers, one $\frac{3}{4}$ -in fluid-cooled polycarbonate shielded tweeter. Crossover point 250 Hz; FR 42-21,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 8 $\frac{1}{4}$ x 23 $\frac{1}{4}$ x 10 $\frac{1}{4}$ in; 25 lb \$239
Kit \$219

SL 2 2-Way Bookshelf Speaker

5-in woofer and $\frac{3}{4}$ -in poly dome tweeter. Crossover point 2,500 Hz; FR 50-21,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Dimensions: 13 x 7 x 8 $\frac{1}{2}$ in; 12 lb \$239/pr
Kit \$195/pr

SPECO

DMS-6 3-Way Bookshelf Speaker

5-in woofer, 2-in cone tweeter, and 1-in dome tweeter. Includes brackets. Power handling 60 W max; FR 55-22,000 Hz; sensitivity 90 dB SPL/W/m; impedance 8 ohms. Black finish. Dimensions: 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ x 5 $\frac{1}{4}$ in \$140/pr

BAS-100 2-Way Bookshelf Speaker

3-in poly woofer and $\frac{3}{4}$ -in tweeter. Includes speaker stands. Features magnetic shielding. FR 20-20,000 Hz. Imp 8 ohms. Black plastic finish. Dimensions: 4 $\frac{3}{4}$ x 6 $\frac{1}{4}$ x 4 $\frac{1}{2}$ -in \$135/pr
WAS 100. As above, white plastic finish \$135/pr

DMS-3PW 3-Way Outdoor Speaker

4-in polypropylene woofer, 2-in midrange, and 1-in dome tweeter. Includes mounting brackets. Power handling 100 W max; FR 55-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. White aluminum finish. 7 $\frac{1}{4}$ x 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ -in \$120/pr
DMS-3P. As above, black aluminum finish \$120/pr

SPECTRUM AUDIO

Ultra Monitor 3-Way Speaker

Bass-reflex design with 8-in woofer, 3-in dome midrange, and 1-in dome tweeter. Features newly developed 1-in cabinet material created through bilamination of high density PVC, tempered for extra rigidity, and ultra-damped, expanded PVC known as Sintra, used for its noise absorption characteristics, coupled with zero diffraction, high dispersion cabinet geometry. Crossover points at 850 and 4,500 Hz; FR 29-24,000 Hz ± 2 , -0 dB; sens 88 dB SPL/W/m; 8 ohms. Oak and black finish with black knit grille. 15 x 46 x 14 $\frac{1}{2}$ in; 120 lb \$3,995/pr

Model 1000 3-Way Speaker

Thiele-tuned, acoustic suspension design with two 8-in long-throw woofers with 1 $\frac{1}{2}$ -in Kapton voice coil, 3-in dome midrange, and 1-in aluminum dome tweeter. Features hexagonal-shaped enclosure constructed of MDF with extensive internal bracing and three different damping materials, each of which is specific to a particular frequency range: second order crossover, 12 dB/oct impedance compensated; Teflon-coated high purity copper wiring; biwireable; approximately 120 $^\circ$ dispersion. Five-way binding posts. Includes permanent pedestal stand. Power handling 500 W max; crossover points at 200, 500, 5,000 Hz; FR 25-23,500 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 4 ohms. Light or dark finish, hand-rubbed, solid oak on top and bottom with black knit cloth on all sides. 16 x 47 x 12 in; 95 lb \$2,495/pr

MiniMonitor 2-Way Speaker

Bass-reflex design with 5 $\frac{1}{4}$ -in neoprene-edged woofer with 1-in Nomex former and 1-in chambered aluminum dome tweeter. Features same bilaminate cabinet material and geometry as the Ultra Monitor. Power handling 150 W max; crossover point at 1,900 Hz; FR 45-23,500 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Marble finish with black knit grille. 12 x 16 $\frac{1}{2}$ x 8 in; 18 lb \$1,995/pr

Model 208cd 2-Way Speaker

Coaxial bass reflex design with 8-in long-throw woofer with 1 $\frac{1}{2}$ -in Kapton former and $\frac{3}{4}$ -in polycarbonate dome tweeter. Features unique coaxial mounting system by which tweeter is mounted asymmetrically on a compliant suspension via neoprene o-rings, decoupling tweeter from the enclosure; critically aligned, phase coherent, directional crossover; $\frac{3}{4}$ -in MDF enclosure with asymmetrical, antiresonance bracing. Power handling 350 W max; crossover point at 2,800 Hz; FR 29-21,000 ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or desert ash finish with black knit grille. Dimensions: 11 x 36 x 12 in; 55 lb \$599/pr

Model 108cd. As above, but woofer with 1-in aluminum former. Features $\frac{3}{4}$ -in MDF baffles with $\frac{1}{2}$ -in MDF sides. Power handling 200 W max; crossover point at 3,500 Hz; FR 49-21,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black or desert ash finish with black knit grille. Dimensions: 10 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 9 $\frac{1}{4}$ in; 19 lb \$399/pr

Model 106cd 2-Way Speaker

Bass-reflex design with 6 $\frac{1}{2}$ -in woofer and $\frac{3}{4}$ -in polycarbonate dome tweeter. Power handling 125 W max; crossover point at 3,500 Hz; FR 55-21,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black vinyl finish with black knit grille. Dimensions: 7 $\frac{3}{4}$ x 8 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 10 lb \$249/pr

SRD SPEAKERWORKS

All SRD speakers carry a 5-yr limited warranty against factory defects in material and workmanship; utilize heavy duty gold binding posts which accept up to 12 gauge wire and banana plugs; are constructed with $\frac{3}{4}$ -in acoustical grade MDF; are available in black lacquered or stained oak veneers (walnut and mahogany special order). Wall-mount brackets optional (see Accessories).

DPL System 1 Home Theater System

Consists of 3 VM 1 shielded main/center channel

speakers, 2 SS 1 rear surrounds, and a SUB 12 subwoofer. Designed for Dolby Pro Logic. Timbre-matched \$1,049

DPL System 2 Home Theater System

Consists of 3 VM 1 shielded main/center channel speakers, 2 SS 1 rear surrounds, and a SUB 10 subwoofer. Designed for Dolby Pro Logic. Timbre-matched for use in a smaller room than the DPL System 1 \$800

Model 1# 3 3-Way Speaker

Bass-reflex design with 10-in treated paper cone woofer, 4 $\frac{1}{2}$ -in magnetic oil-cooled, cambered, poly cone midrange, and 1-in pure Titanium tweeter. Power handling 200 W max; crossovers at 12 dB; FR 33-27,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 14 $\frac{1}{2}$ x 25 x 12 in \$625/pr

Sat 1 Subwoofer/Satellite System

Bass-reflex subwoofer with 10-in poly driver; 2 acoustic-suspension satellites, each with 5-in poly woofers and 1-in dome tweeter. Power handling 125 W max; crossover points at 12 dB; FR 45-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Subwoofer 14 x 14 x 14 in. Satellites 8 x 12 x 7 in \$449

SUB 12 Subwoofer

Acoustic-suspension design with 12-in paper cone driver. Features dual voice coils; 4 or 8 ohm high pass filters. Power handling 150 W max; crossover points at 6, 12 dB; FR 68-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 10 x 16 x 8 in \$265

SUB 10 Subwoofer

Bass-reflex design with 10-in poly cone driver. Features dual voice coils; 4 or 8 ohm high pass filters. Power handling 150 W max; crossovers at 6, 12 dB; FR 45-125 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 14 x 14 x 14 in \$240

Model 8.2 2-Way Speaker

Bass-reflex design with 8-in poly cone woofer and 1-in fabric dome tweeter. Power handling 150 W max; crossover points at 12 dB SPL/W/m; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 12 x 19 x 10 $\frac{1}{2}$ in \$325/pr

Model 6.2 2-Way Speaker

Bass-reflex design with 6 $\frac{1}{2}$ -in poly cone woofer and 1-in fluid-cooled textile dome tweeter. Power handling 150 W max; crossover points at 12 dB; FR 49-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 10 x 16 x 8 in \$275/pr

SS 1 2-Way Surround Speaker

Acoustic-suspension design with 5 $\frac{1}{4}$ -in poly cone woofer and 1-in dome tweeter. Features optimization for use with Dolby Pro Logic or when using digital signal processing; near perfect timbre match to VM 1 and VM 2. Power handling 75 W max; crossover point at 3,500 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. 10 lb \$225/pr

VM 1 2-Way Center-Channel Speaker

Bass-reflex design with two 5-in poly cone woofers and 1-in Titanium dome tweeter. Features shielded chamber and magnets. Power handling 150 W max; crossover points at 12 dB; FR 45-20,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 8 x 18 x 10 $\frac{1}{2}$ in \$219

VM 2 2-Way Center-Channel Speaker

Acoustic-suspension design with 6 $\frac{1}{2}$ -in poly cone woofer and 1-in Titanium dome tweeter. Features shielded chamber and magnets. Power handling 100 W max; crossover points at 12 dB; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Dimensions: 10 x 16 x 8 in \$145

TANNOY

Profile Series

The following feature injection-molded driver cones and hard-wired crossovers with biwired terminals. Models 636, 637, and 638 feature dual concentric drivers; Models 632 and 633 feature discrete aluminum tweeters.

Model 638 3-Way Speaker

Resistively-ported double-chamber coupled reflex enclosure. Power handling 300 W max; FR 40-30,000 Hz; sens 92 dB; imp 6 ohms. Dimensions: 36 x 11 x 10 in; 41 lb\$NA

Model 637 3-Way Speaker

Sealed design with 8-in dual concentric driver, 8-in woofer. Power handling 300 W max; FR 45-30,000 Hz; sens 91 dB; imp 6 ohms. Dimensions: 32 x 11 x 10 in; 37 lb\$NA

Model 636 3-Way Speaker

6.5-in dual concentric driver (1-in aluminum tweeter with 1-in woofer), 6.5-in woofer. Power handling 250 W max; FR 50-30,000 Hz; sens 90 dB; imp 6 ohms. Dimensions: 28 x 11 x 9 in, 24 lb\$NA

Model 633 3-Way Speaker

6.5-in woofer, 6.5-in midrange driver, 1-in tweeter. Sealed enclosure. Maximum power handling 200 W; FR 50-30,000 Hz; sens 89 dB; imp 8 ohms. Dimensions: 28 x 11 x 9 in, 24 lb\$NA

Model 632 2-Way Bookshelf Speaker

6.5-in woofer, 1-in tweeter. Ducted port enclosure. Max power handling 150 W; FR 55-30,000 Hz; sens 87 dB; impedance 8 ohms. Dimensions: 16 x 11 x 9 in, 15 lb\$NA

Cinema 650 Center/Surround System

Five speaker package including one CS650 center channel with 6-in ICT driver, and four CR 650 surround speakers, each with a 6.5-in woofer and a 1/2-in tweeter. Power handling 100 W max; system FR 55-20,000 Hz. Dimensions: 8 x 17 x 9 in (center channel); 13 x 8 x 9.5 in (surrounds)\$749

Prestige Series

The following feature dual concentric drivers, 6 dB/oct adjustable time-compensated biwireable crossovers, and real wood veneer finishes.

Westminster Royal 2-Way Speaker

Compound horn enclosure. Birch ply construction. Max power handling 500 W; FR 18-22,000 Hz; sens 99 dB; imp 8 ohms. Dimensions: 55 x 39 x 22 in, 339 lb\$30,000/pr

Westminster TW 2-Way Speaker

Compound horn enclosure with 15-in woofer and 1 1/4-in tweeter. Max power handling 520 W; FR 18-25,000 Hz; sens 99 dB; imp 8 ohms. Dimensions: 55 x 39 x 22 in, 255 lb\$12,500/pr

GRF Memory TW 2-Way Speaker

15-in woofer, 1 1/4-in tweeter. Quadruple ducted port system. Max power handling 520 W; FR 29-25,000 Hz; sens 95 dB; imp 8 ohms. Dimensions: 43 x 32 x 19 in, 255 lb\$7,500/pr

Edinburgh TW 2-Way Speaker

12-in woofer, 1 1/4-in tweeter. Distributed port reflex enclosure. Max power handling 380 W; FR 30-25,000 Hz; sens 95 dB; imp 8 ohms. Dimensions: 40 x 26 x 17 in, 97 lb\$6,500/pr

Sterling TW 2-Way Speaker

10-in woofer, 1-in tweeter. Dual variable-distributed port system. Max power handling 250 W; FR 35-25,000 Hz; sens 93 dB; imp 8 ohms. Dimensions: 27 1/2 x 19 x 12 in, 48 lb\$5,000/pr

Definition Series

The following feature heavily-braced Medite cabinets with real wood veneers, and dual concentric drivers with cast chassis.

D-700 3-Way Speaker

10-in woofer, 10-in dual concentric driver. Twin-ducted port reflex enclosure. Max power handling 300 W; FR 35-30,000 Hz; sens 93 dB; imp 6 ohms. Dimensions: 39 x 15 x 14 in, 90 lb\$4,795/pr

D-500 2-Way Speaker

Resistively-ported double-chamber coupled reflex

enclosure. Max power handling 265 W; FR 40-30,000 Hz; sens 89 dB; imp 6 ohms. Dimensions: 37 x 12 x 13 1/2 in, 62 lb\$3,795/pr

D-100 2-Way Speaker

Resistively-damped reflex enclosure. Max power handling 200 W; FR 45-30,000 Hz; sens 89 dB; imp 8 ohms. Dimensions: 14 x 10 x 9 in, 15 lb\$1,595/pr

C Series

The following feature polypropylene woofers and liquid-cooled fabric-dome tweeters. All models except the C-5 feature a rear-firing port.

C-88 2-Way Speaker

Two 8-in woofers, 1-in tweeter. Max power handling 175 W; FR 35-20,000 Hz; sens 93 dB; imp 6 ohms. Dimensions: 35 x 11 x 14 in, 45 lb\$799/pr

C-10 2-Way Speaker

10-in woofer, 1-in tweeter. Max power handling 175 W; FR 38-20,000 Hz; sens 91 dB; imp 6 ohms. Dimensions: 24 x 12 x 10 in, 27 lb\$499/pr

C-8 2-Way Speaker

8-in woofer, 1-in tweeter. Max power handling 120 W; FR 45-20,000 Hz; sens 90 dB; imp 6 ohms. Dimensions: 19 x 10 x 8 in, 18 lb\$399/pr

C-6 2-Way Bookshelf Speaker

6.5-in woofer, 3/4-in tweeter. Max power handling 100 W; FR 50-20,000 Hz; sens 88 dB; imp 6 ohms. Dimensions: 14 x 8 x 8 in, 10 lb\$299/pr

C-5 2-Way Bookshelf Speaker

5-in woofer, 3/4-in tweeter. Max power handling 75 W; FR 58-20,000 Hz; sens 87 dB; imp 6 ohms. Dimensions: 12 x 7 x 7 in, 9 lb\$249/pr

Arena HF 2-Way Bookshelf Speaker

5-in ICT driver. Magnetically shielded; Max power handling 70 W; FR 70-20,000 Hz; sens 86 dB; imp 6 ohms. Dimensions: 9 x 7 x 5 1/2 in\$199/pr

SUB SAT 3 Subwoofer/Satellite System

3 x 5-in ICT driver (satellites), 5-in twin-voice coil woofer (sub). System max power handling 200 W; system FR) 53-20,000 Hz; sens 90 dB; Impedance 8 ohms. Dimensions: 6 1/2 x 4 x 3 1/2 in (satellites); 7 x 13 (sub)\$NA

CMS Series

The following are baffle-mounted ceiling speakers designed for permanent installation. Square or round grilles are optional.

CMS-6 TDC Ceiling Speaker

6 1/2-in dual concentric driver. Cast chassis. Max power handling 175 W; FR 50-20,000 Hz; sens 91 dB; imp 8 ohms. Dimensions: 13 1/2-in (diameter) x 9 1/2-in (depth)\$334

CMS-65 ICT Ceiling Speaker

6.5-in ICT driver. Max power handling 100 W; FR 60-20,000 Hz; sens 89 dB; imp 4 ohms. Dimensions: 3 1/2-in (diameter) x 9 1/2-in (depth)\$174

TC AUDIO

The following speakers, except the ASUB 10 In-Wall, come with oak veneer, black, or custom finish.

TC 255.2 2-Way Speaker

Thiele-Small aligned, hex-shaped column design with two 5 1/2-in carbon fiber-filled polypropylene cone woofers and 1-in Ferrofluid-cooled, back-chambered soft dome tweeter. Features tweeter with specially fabricated low Q back chamber, antidiaphragm felt, and HF hi/low switch; low dielectric absorption and dissipation factor polypropylene capacitors; JENA 127 strand pure copper wire; high density glass fiber internal sound absorption material; Medite cabinet material. Gold 5-way binding posts. SBASE and SAND 24 stands optional (see Accessories). Power handling 225 W max; crossover point at 2,600 Hz; FR 38-21,500 Hz; imp 4 ohms. Natural oak with walnut

trim, black or custom finishes. 8 1/4 x 23 3/4 x 19 1/4 in; 23 lb\$1,000/pr

C 255.2. As TC 255.2, but magnetically shielded. No optional stands. Includes horizontal mounting cradle which allows sound to be directed towards listeners\$500

TC 288.2 2-Way Speaker

Thiele-Small aligned, hex-shaped column design with two 8-in carbon fiber-filled polypropylene woofers and 1-in Ferrofluid-cooled back-chambered soft dome tweeter. Features JENA 127 strand pure copper wire; low DA and DF polypropylene caps by SCR. Gold 5-way binding posts. 48-in tall\$850

TC 25.2 2-Way Speaker

Thiele-Small alignment design with 5 1/4-in carbon fiber-filled polypropylene cone woofers and 1-in Ferrofluid-cooled, back-chambered soft dome tweeter. Features Medite cabinet material; tweeter with antidiaphragm felt; HF hi/low switch; JENA 127 strand pure copper wire; high density glass fiber internal sound absorption material. Gold 5-way binding posts. SS24 and SAND 24 stands optional (see Accessories). Power handling 180 W max; crossover point at 2,600 Hz; FR 49-21,500 Hz; imp 4 ohms. Dimensions: 7 x 13 x 8 in; 16 lb\$600/pr

TC 25.1. As above, but 1/2-in liquid-cooled polymer hard dome tweeter with antidiaphragm felt. Features no JENA 127 strand pure copper wire. Easy connect push-type terminals. Crossover 2,800 Hz; imp 4 or 8 ohms (switchable). 15.5 lb\$370/pr

TC 28.0 2-Way Speaker

Thiele-Small alignment design with 8-in carbon fiber-filled polypropylene cone woofer and 1-in soft dome tweeter. Features tweeter with antidiaphragm felt ring; Medite cabinet; low dielectric absorption and dissipation factor Mylar capacitors. Gold 5-way binding posts. SS13 stands optional (see Accessories). Power handling 200 W max; crossover 2,600 Hz; FR 38-21,500 Hz; imp 8 ohms. Dimensions: 9 1/2 x 19 x 10 1/2 in; 23 lb\$600/pr

SUB 10.0 Subwoofer

Down-firing, Thiele-Small aligned, quasi-slot loaded design with 10-in dual-voice-coil fiber-filled polypropylene driver. Features dual voice coil subwoofer; low dielectric absorption and dissipation factor Mylar and electrolytic capacitors; Medite cabinet material; passive high and low section crossover; high density glass fiber internal sound absorption material. Gold terminals. 4 castors allow for easy positioning. Power handling 250 W max; crossover point at 90 Hz; FR 32-90 Hz; imp 6 ohms. 16 x 18 x 16 in; 40 lb\$450

ASUB 10 In-Wall Subwoofer

Dual chamber asymmetrically-tuned bandpass enclosure design with 10-in dual-voice-coil fiber-filled polypropylene driver. Designed to deliver bass through rectangular duct into listening area from attic, stairwell, closet, or sub-floor location. Features dual voice coil subwoofer; built-in low pass crossover; CL3 wire harness that meets wiring codes. Includes convenient aluminum angle mounting bar system; vent trim bezel. Power handling 250 W max; crossover point at 90 Hz; FR 33-90 Hz; impedance 6 ohms. Dimensions: 11 1/4 x 19 1/2 x 27 1/2 in; 55 lb\$400

CSAT 1.2 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5 1/4-in carbon fiber-filled polypropylene cone woofers and 1-in Ferrofluid-cooled soft dome, back-chambered tweeter. Features magnetic shielding; Medite cabinet; tweeter with antidiaphragm felt; poly and Mylar capacitors as above. Gold 5-way binding posts. Power handling 225 W max; crossover point at 2,600 Hz; FR 90-21,500 Hz; imp 4 or 8 ohms (switchable). 6 x 15 1/2 x 7 1/2 in; 13 lb\$380

CSAT 2.1. As above, but 1/2-in liquid-cooled polymer hard dome tweeter with antidiaphragm felt. Features no JENA 127 strand pure copper wire. Easy connect push-type terminals. Power handling 180 W max; crossover 2,800 Hz; 6 1/4 x 9 1/2 x 6 in; 8.5 lb\$200

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S P E A K E R S

SAT 2.1 2-Way Satellite /Surround Speaker

Acoustic-suspension design with 5/4-in carbon fiber-filled polypropylene cone woofer and 1/2-in liquid-cooled polymer hard dome tweeter with antidiaphragm felt. Features Medite cabinet; low dielectric absorption and dissipation factor polypropylene and Mylar capacitors. Easy connect push-type terminals. SS24 stands optional (see Accessories). Power handling 180 W max; crossover 2,800 Hz; FR 90-21,500 Hz; imp 4 or 8 ohms (switchable). 6 1/4 x 9 1/4 x 6 in; 8.5 lb\$350/pr

TC SOUNDS

The following, except TC 3, feature crossover points set via plug-ins; available in Nextel or veneer finish with black knit grille.

TC Sub0 Powered Subwoofer

Two 15-in drivers; 600-W amp; FR 12-0.1 Hz -3 dB. 42 x 17 1/2 x 20 in; 150 lb\$2,495

TC Sub1 Powered Subwoofer

15-in driver; 300-W amp; FR 12-0.1 Hz -3 dB. 23 x 17 1/2 x 20 in; 110 lb\$1,795

TC Sub2 Powered Subwoofer

12-in driver; 300-W amp; FR 20-0.1 Hz -3 dB. 20 x 15 x 20 in; 90 lb\$1,495

TC3 2-Way Bookshelf Speaker

Coaxial dynamic design with 6-in midrange and 1-in dome tweeter. FR 50-19,000 Hz \pm 3 dB; sens 87 dB SPL/W/m; imp 4/8 ohms. Nextel wood finish with black knit grille. 14 x 9 x 10 in; 23 lb\$995/pr

TEAC

S-200 2-Way Bookshelf Speaker

Bass-reflex design with 1-in cone tweeter coaxially mounted within 4 1/4-in woofer. Magnetic shielding. Power handling 80 W; FR 80-20,000 Hz; imp 6 ohms. 6 x 7 1/4 x 5 1/2 in; 11.2 lb\$249/pr

SW-1 Subwoofer

Two 5-in drivers. Magnetic shielding. Power handling 100 W; FR 55-200 Hz; imp 6 ohms. 5 1/2 x 17 1/2 x 11 1/2 in; 18.5 lb\$239

LS-X20 Satellite Speaker

5/8-in driver. Power handling 150 W; FR 58-18,000 Hz; imp 8 ohms. 11 1/4 x 6 x 5 1/2 in\$199/pr

LS-X10 Satellite Speaker

4 1/4-in driver. Magnetic shielding. Includes stand. Power handling 70 W; FR 80-18,000 Hz; imp 8 ohms. 7 1/4 x 5 1/4 x 5 1/2 in\$139/pr

TECHNICS

SB-FW50 Subwoofer/Satellite System

Subwoofer with four 6 1/2-in drivers; 2 satellites, each with four 3-in cone drivers. Features Helmholtz subwoofer design with 2 ports. Magnetic satellite shielding. Subwoofer 16 1/2 x 9 1/2 x 14 1/2 in. Satellites 16 1/2 x 5 1/2 x 4 1/2 in\$400

SB-CX700 3-Way Speaker

12-in woofer, 4-in midrange, 1-in dome tweeter, 13-in passive radiator. Features Mica diaphragms; rounded baffle edges. Tweeter attenuator. Power handling 200 W; sens 88 dB SPL/W/m; imp 6 ohms. 14 1/2 x 35 1/4 x 12 in; 55 lb\$350

SB-CX500. As above, 10-in woofer, 11-in passive radiator. Power handling 150 W. 12 1/2 x 32 1/2 x 12 in; 40 lb\$300

SB-CL50 2-Way Bookshelf Speaker

7-in resin-coated woofer, dome tweeter. Features rounded baffle. Power handling 160 W. 8 1/2 x 14 1/2 x 17 1/2 in; 29 lb\$260

SB-CL90 3-Way Speaker

8-in resin-coated woofer, dome tweeter. Features rounded baffle. Power handling 200 W. 9 1/2 x 31 1/2 x 10 1/2 in; 32 lb\$240

SB-CSS70 Center/Surround System

Center-channel speaker with four 3-in cone drivers; 2 surround speakers, each with two 3-in cone drivers in dipole design. Magnetic shielding. Power handling 260 W center channel, 160 W surround. Center channel 16 1/2 x 5 1/2 x 4 1/2 in. Surrounds 9 1/2 x 5 1/2 x 4 1/2 in\$200

SB-CX300 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Features Mica diaphragms; rounded baffle edges. Power handling 120 W; sens 88 dB SPL/W/m; imp 6 ohms. 10 1/2 x 18 1/2 x 9 1/2 in; 20 lb\$200

RP-SP120 Powered Mini Speaker System

2 speakers, each with 3 1/2-in driver; amp rated at 5 W x 2. Dynamic tone boost circuitry. Operates on 6 C batteries or included AC adaptor\$196

SB-LX7 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 2 1/2-in cone tweeter. Features rounded baffle. Power handling 200 W; sens 90 dB SPL/W/m. 53 lb\$170/pr

SB-LX5 3-Way Speaker

Bass-reflex design with 10-in woofer. Features rounded baffle. Power handling 140 W; sens 90 dB SPL/W/m. 42 lb\$140/pr

SB-CSS40 Center/Surround System

Center-channel speaker with two 3-inch cone drivers in dipole design; 2 surround speakers, each with one 3-in cone driver. Magnetic center-channel shielding. Power handling 160 W center channel. Center channel 9 1/2 x 5 1/2 x 4 1/2 in. Surround 4 1/2 x 4 1/2 x 4 1/2 in\$120

SB-LX3 2-Way Speaker

Bass-reflex design with 10-in woofer. Features rounded baffle. Power handling 140 W; sens 90 dB SPL/W/m. 34 lb\$120/pr

SB-LX1 2-Way Speaker

Bass-reflex design with 6 1/2-in woofer, 2 1/2-in tweeter. Features rounded baffle. Power handling 120 W. 34 lb\$100/pr

TERPSICHORE

Van Arsdale 3-Way Speaker

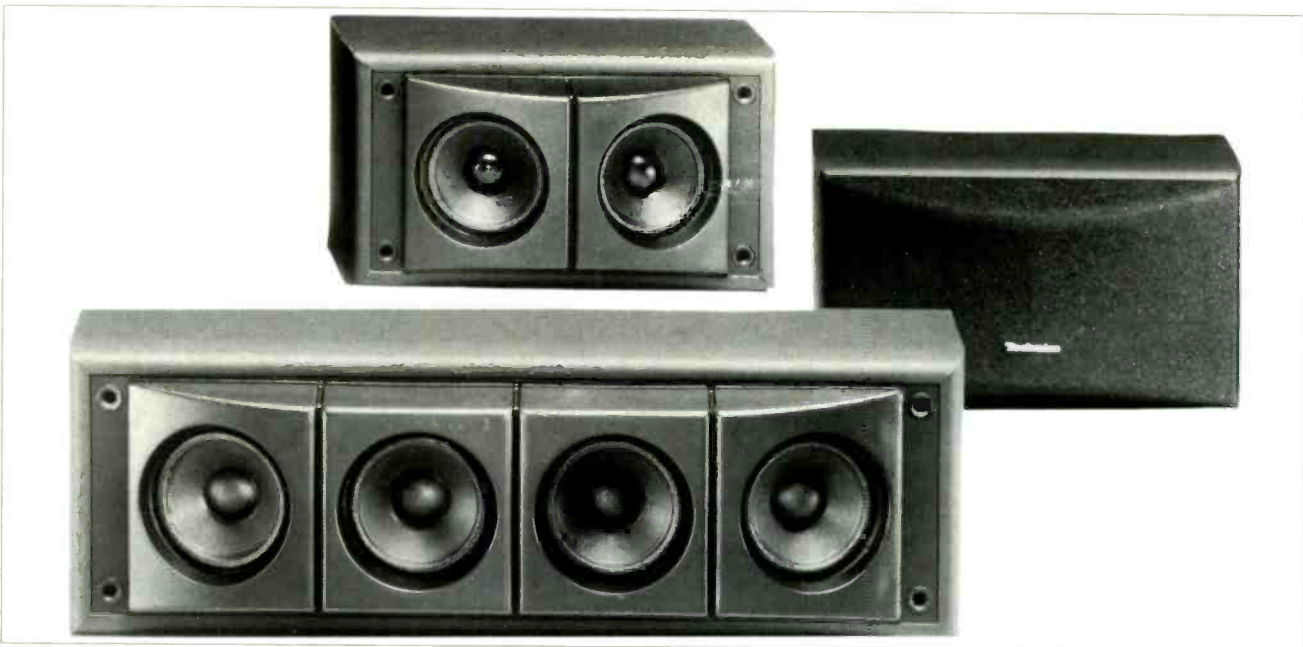
8-in honeycomb Nomex/Kevlar Eton woofer, 4-in Eton midrange, and 1-in dual magnet titanium tweeter. Features cast woofer frame; laser-matched drivers; over 40 element crossovers; concrete-lined transmission-line midrange enclosure. Triwire/triamp terminals. Power handling 120 W; FR 32-20,000 Hz \pm 2 dB. Various finishes. 42-in height, 16 x 17 at base, 5 x 17 at top; 180 lb\$3,300/pr

Big Boy Powered Subwoofer

15-in transmission-line design; 240 W mono amp. Features 24 dB/oct crossover with active network slope; gain controls. Custom finish. From . . . \$2,700

Landes Monitor 2-Way Bookshelf Speaker

7 1/2-in dual voice-coil Kevlar Focal woofer and Pioneer ribbon tweeter. Feature 6 dB/oct crossover on both woofers; phase-corrected 12 dB/oct tweeter crossover; cast woofer frame; 400 V polypropylene capacitors; Tara Labs wiring. Gold binding posts. Power handling 100 W; FR 45-24,000 Hz. Available in



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S P E A K E R S

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Model 1 Subwoofer

10-in dual voice-coil In folded-horn enclosure. Power handling 150 W; FR 28-1000 Hz. Available in wood finishes. 14 x 25 x 16-in \$600

SSS Monitor 2-Way Bookshelf Speaker

5½-in poly woofer, 1-in titanium dome tweeter. Features magnetic shielding. Power handling 70 W; FR 55-20,000 Hz; imp 6 ohms. Available in custom stained-wood finishes. 7 x 10 x 12-in; 12 lb. \$375/pr

THIEL

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CS5i 5-Way Speaker

Three 8-in Kevlar woofers, 4½-in midrange, 2-in metal-dome midrange, 1-in short coil/long gap metal-dome tweeter. Features cast marble/polymer front baffle. FR 25-20,000 Hz ±1 dB; sens 87 dB SPL/W/m; imp 3 ohms. 64 x 13 x 17-in; 180 lb \$12,300/pr

CS7 4-Way Speaker

12-in woofer, 6½-in woofer, 3-in midrange, 1-in metal-dome tweeter. Features woofers with short coil/long gap magnet structure; cast cement front baffle. FR 25-20,000 Hz ±1.5 dB; sens 87 SPL/W/m; imp 4 ohms. 55 x 14 x 19-in; 180 lb \$8,000/pr

CS3.6 3-Way Speaker

10-in woofer, 4½-in short coil/long gap midrange, 1-in short coil/long gap metal-dome tweeter. FR 29-20,000 Hz ±1.5 dB; sens 86 SPL/W/m; imp 4 ohms. 48½ x 12½ x 17-in; 107 lb \$3,900/pr

CS2.2 3-Way Speaker

8-in double-surface, air-core diaphragm woofer, 4-in midrange, 1-in short-coil/long gap metal-dome tweeter. FR 35-20,000 Hz; sens 86 dB SPL/W/m; imp 4 ohms, 42 x 12 x 13-in; 70 lb \$2,750/pr

CS1.5 2-Way Speaker

6½-in woofer, 1-in metal-dome tweeter. Magnetically shielded. Features short coil/long gap woofer double-magnet structure. FR 42-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 4 ohms. Dimensions: 33 x 8½ x 11-in; 42 lb \$1,990/pr

CS.52 2-Way Speaker

6½-in treated paper driver, 1-in metal-dome tweeter. FR 55-20,000 ±3 dB; sens 88 dB SPL/W/m; imp 4 ohms. 32 x 8 x 11-in; 36 lb \$1,400/pr

SCS 2-Way Speaker

Ported design with 6½-in polypropylene cone, 1-in coaxially-mounted neodymium magnet tweeter. Magnetic shielding. FR 66-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 4 ohms. Dimensions: 16 x 8½ x 9-in; 23 lb \$1,350/pr

TRIAD

Thunder Gold Powered Subwoofer

Push-pull design with two horizontally-opposed 10-in woofers; built-in 250-W amplifier. Features 12-dB/oct low-pass filter variable from 50-180 Hz; servo control. Independent left, center, and right inputs. Center-channel recovery circuit; input level control; variable phase. FR 20-180 Hz -3 dB. Dimensions: 19¼ x 17¼ x 17½-in \$1,250

Thunder Silver. As above, 8½-in woofers. 17¼ x 16½ x 15½-in \$1,000

Thunder Bronze. As Thunder Gold, one woofer; 150-W amp. No push-pull design. Dimensions: 13½ x 15½ x 14-in \$750

HT Gold 2-Way Satellite Speaker

Sealed design with 7-in polypropylene woofer and

1½-in fabric-dome tweeter. Magnetic shielding optional. Power handling 125 W; FR 72-20,000 Hz; sens 91 dB SPL/W/m; imp 4 ohms. Dimensions: 7¼ x 15¼ x 7½-in \$375

HT Silver 2-Way Satellite Speaker

Sealed design with 5½-in polypropylene woofer and 1-in fabric-dome tweeter. Magnetic shielding optional. Power handling 100 W; FR 100-20,000 Hz ±2.5 dB; sens 89 dB SPL/W/m; imp 8 ohms. 6¾ x 10¾ x 5½-in \$275

HT Bronze 2-Way Satellite Speaker

Sealed design with 4½-in coated-paper woofer and ¾-in fabric-dome tweeter. Magnetic shielding optional. Power handling 75 W; FR 110-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Dimensions: 5¼ x 9 x 5-in \$200

TSI

Omniflex 2-Way Speaker

Omnidirectional two-piece system. Requires 50-200 W amp. Features two piece-cylinder and transducer; removable transducer "head" assembly. FR 20-20,000 Hz ±3 dB; sens 91 dB; impedance 6 ohms. 5-yr transferable parts and labor warranty. Satin black cylinder housing; mirrored black transducer with black knit fabric grille. 46-in height x 22-in diameter; 85 lb system \$7,900/pr

VANDERSTEEN

Model 5 4-Way Powered Speaker

Powered subwoofer section with 12-in dual-motor push-pull long-throw aluminum-cone driver and built-in 400-W amplifier; passive 4-way section with 7-in polycone woofer, 4½-in polycone midrange, 1-in dual-chamber metal-alloy dome tweeter, and ¾-in metal-alloy dome tweeter. Features 6-dB/oct crossovers. User-adjustable subwoofer Q and room-response compensation. Power handling 200 W; crossover points 100, 600, and 5,000 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. 42 x 14 x 20-in; 140 lb \$7,995/pr

Model 3 3-Way Speaker

10-in active acoustic coupler, 8-in polycone woofer, 4½-in polycone midrange, 1-in Ferrofluid-cooled metal-alloy dome tweeter. Power handling 200 W; crossover points 600 and 5,000 Hz; FR 26-30,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 16 x 48 x 10¼-in; 97 lb \$2,595/pr

Model 2Ce 3-Way Speaker

10-in long-fiber active acoustic coupler, 6-in polycone woofer, 4½-in Ferrofluid-cooled midrange, 1-in Ferrofluid-cooled metal-alloy tweeter. Power handling 160 W; crossover points 600 and 5,000 Hz; FR 28-29,125 Hz; sens 88 dB SPL/W/m; imp 7 ohms. 16 x 39¼ x 10¼-in; 63 lb \$1,295/pr

Model 2W Powered Subwoofer

Slot-loaded design with three 8-in polycone drivers: 300-W amp. Features feed-forward error correction; 6-dB/oct crossover. Adjustable sens to match main speakers with efficiency ratings of 82-94 dB. Crossover point 80 Hz; FR 24-80 Hz. 18¼ x 18 x 17-in; 91 lb \$1,250

Model 1B 2-Way Speaker

Rear slot-loaded design with 8-in polycone woofer and 1-in metal-alloy polymer-dome tweeter. Power handling 100 W; crossover point 2,800 Hz; FR 38-20,000 Hz; sens 90 dB SPL/W/m; imp 6.8 ohms. 12 x 36 x 10-in; 50 lb \$650/pr

VCC-1 2-Way Center-Channel Speaker

Coaxial design with 6½-in polycone woofer and 1-in critically-damped fabric-dome tweeter. Features 6-dB/oct crossover. Proximity switch to compensate for boundary effects. Power handling 200 W; crossover point 3,500 Hz; FR 150-21,000 Hz proximity switch on, 300-21,000 Hz proximity switch off; sens 86 dB SPL/W/m; impedance 5 ohms. 12¼ x 9¼ x 10¼-in; 29 lb \$495

VELODYNE

ULD-18 THX Powered Subwoofer

THX-approved, down-firing 18-in powered subwoofer. Features 3-in voice coil; 400 W outboard amp. FR 16-85 Hz ±3 dB \$2,995

ULD-18 Series II Powered Subwoofer

Down-firing 18-in powered subwoofer. Features 3-in voice coil; 400 W outboard amp; 85 Hz active crossover (adjustable). Frequency response 16-85 Hz ±3 dB \$2,750

ULD-15 Series II Powered Subwoofer

Down-firing 15-in powered subwoofer. Features 3-in voice coil; 400 W outboard amp; 85 Hz active crossover (adjustable), 12 dB per oct. FR 18-85 Hz ±3 dB \$1,895

DF 661 3-Way Speaker

6-in woofer, 6-in midrange, a 1-in tweeter. Power handling 300 W; frequency response 60-20,000 Hz ±2 dB \$1,799/pr

F-1500R Powered Subwoofer

15-in powered servo subwoofer. Features 250 W amp; line-level input/output; speaker-level input/output; adjustable low band 40-100 Hz; 85 Hz high pass filter; remote control. FR 18-85 Hz ±3 dB; >1% distortion at 18 Hz \$1,595

ULD-12 Powered Subwoofer

Down-firing 12-in powered servo subwoofer. Features 100 W amp with outboard controller and line-level speaker connections; low pass/high pass crossover, 12 dB per oct. Frequency response 20-85 Hz ±3 dB \$1,295

F-1200R Powered Subwoofer

12-in powered servo subwoofer. Features 100 W amp; line-level input/output; speaker-level input/output; adjustable low band 40-100 Hz; 85 Hz high pass filter; remote control. FR 20-85 Hz ±3 dB; >1% distortion at 18 Hz \$1,095

F-1000 Powered Subwoofer

10-in powered servo subwoofer. Features 80 W amp; line-level input/output; speaker-level input/output; adjustable low band 40-100 Hz; 85 Hz high pass filter. Frequency response 20-85 Hz ±3 dB; >1% distortion at 18 Hz \$895

VA-1012 Powered Subwoofer

10-in powered servo subwoofer. Features 60 W amp; 12-in passive radiator; line-level input/output; speaker-level input/output; gain compressor circuit; passive crossover at 85 Hz, 6 dB per oct. FR 28-85 Hz ±3 dB \$749

VA-810 Powered Subwoofer

8-in powered subwoofer. Features 50 W amp; 10-in passive radiator; line-level input/output; speaker-level input/output; gain compressor circuit; passive crossover at 85 Hz, 6 dB per oct. Frequency response 35-85 Hz ±3 dB \$595

VMPS

FF-1 3-Way Speaker

Three 12-in Focused Field Array woven carbon fiber woofers, two 5-in midranges, two 1-in cone tweeters and 1-in ribbon supertweeter. Dimensions: 68 x 15 x 18 in. 350 lb \$6,800/pr

Super Tower/R Special Edition 3-Way Speaker

Two 15-in and one 10-in woven carbon woofers, two 5-in woven carbon cone midranges, two 1-in Dual Focal dome tweeters and 2-in ribbon supertweeter. Biwire/biamp terminals. 100 lb \$3,400/pr
Kit \$2,800/pr

Tower II Special Edition 3-Way Speaker

Three 12-in woven carbon fiber woofers, 5-in cone midrange, 1-in Dual Focal dome tweeter and 2-in ribbon supertweeter. 45 x 15 x 16 in; 105 lb \$1,876/pr
Kit \$1,476/pr

Tower II 3-Way Speaker

Three 12-in butyl-surround poly woofers, 5-in poly cone midrange, 1-in dome tweeter and 1-in piezo or ribbon supertweeter. Blwire/blamp terminals. Light oak, dark oak or satin black finish. 43 x 15 x 16 in; 105 lb\$649
Kit\$499

Larger Subwoofer

Dual 12- and 15-in drivers. Optional crossovers. FR 17-250 Hz ± 3 dB. Oak or walnut veneer finish. 39 x 21 x 17 in; 150 lb\$649
Kit\$529
Crossover\$45

MiniTower IIa 3-Way Speaker

Two 10-in woven carbon fiber woofers, 5-in poly cone midrange, two 1-in dome tweeters and piezo or ribbon supertweeter. Light oak, dark oak or satin black finish. 35 x 12 x 16 in; 80 lb\$479
Kit\$379

Original Subwoofer

Dual 12- and 15- in drivers; single or dual voice-coils. Optional crossovers. FR 19-600 Hz ± 3 dB. Oak or walnut veneer finish. 27 x 21 x 17 in; 100 lb\$459
Kit\$379
Crossover\$45

QSO 808 3-Way Speaker

12-in butyl-surround woofer, 5-in poly cone midrange, 1-in dome tweeter. Light or dark oak finish. 26 x 15 x 11; 55 lb\$379
Kit\$299

QSO 626 Speaker

Dual 6½-in woofers. Shielded. FR 42-18,000 Hz +0, -3 dB. Oak veneer finish. 22 x 9 x 13 in; 35 lb\$349
Kit\$289

WAVEFORM

Mach 10 Subwoofer/Satellite System

Subwoofer with 15-in integral bass driver; Two satellites each with two 6½-in cone midrange drivers, 1½-in Titanium dome tweeter, and ribbon supertweeter. Features Bryston dedicated electronic crossover, balanced or unbalanced; high frequency contour. Power handling 500 W max; sens 89.9 dB SPL/W/m; imp 8 ohms\$7,500

WHARFEDALE

The following models have enclosures precision molded in mineral-loaded polypropylene, heavily damped with fire retardant acrylic wadding, with black finish and removable grille made from acoustically-transparent, perforated PVC (except as noted for Modus Sub-Bass).

Modus Sub-Bass Subwoofer

Bandpass tuned, double-cavity enclosure design with two 6½-in long-throw bass drivers utilizing 1-in high-temperature voice coils. Designed for home theater installations. Features acoustically controlled bandwidth; cabinet in ¾-in chipboard with front baffle precision molded in heavily damped mineral-loaded polypropylene; fire-retardant acrylic wadding. Spring-clip inputs and outputs for both channels. Power handling 100 W x 2; FR 35-120 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black ash-effect vinyl with black front. 8½ x 19½ x 15½ in\$349

Modus Centre 2-Way Center-Channel Speaker

Rear-ported, passive radiator bass enclosure design with 4-in low frequency driver using 1-in voice coil, 4-in bass radiator, and 4-in full-range high frequency driver with copper-capped pole piece. Features fully shielded magnet systems; crossover with high saturation chokes and low frequency crossover point. Spring clip inputs and outputs. Power handling 60 W (program); FR 80-15,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 19¼ x 5¼ x 5 in\$229

Modus Mini 2-Way Speaker

Passive-radiator bass aligned enclosure design with

4-in low frequency driver using 1-in voice coil, 4-in bass radiator, and ½-in "living ruby" illuminated hard dome tweeter. Designed to be stand- or wall-mounted. Features fully shielded magnet systems; time-aligned drive units; rotating tweeter housing and illuminating tweeter dome; crossover with air-cored, high saturation chokes. Spring clip inputs and outputs. Power handling 50 W (program); FR 80-22,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. 5¼ x 15¼ x 5 in\$299/pr

Modus Micro 2-Way Bookshelf Speaker. As Modus Mini, but rear-ported bass reflex enclosure design and no bass radiator. Stands or wall-mount brackets optional. Power handling 50 W (program); FR 100-22,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. 5¼ x 9¼ x 5 in\$229/pr

Modus Centre Cube Center-Channel Speaker

Rear-ported bass reflex enclosure design with 4-in full-range, doped-pulp cone driver with copper-capped pole piece. Features crossover with response-equalized circuit using high saturation choke; fully shielded magnet. Spring clip inputs and outputs. Includes support bracket for mounting above or below TV receiver. Power handling 50 W (program); FR 100-15,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. 5¼ x 6¾ x 5 in\$99

Modus Cube Surround Speaker. As above, designed for rear or side effects in home theater applications. Wall brackets optional, no support bracket for mounting above or below TV\$149/pr

WILSON AUDIO

Wamm Subwoofer/Satellite System

Two subwoofer towers, each with one heavy-duty 18-in low frequency driver; two satellite tower arrays, each with two KEF B-139 reaction-molded polymer, flat piston midbass drivers, two M-6 midrange driver modules, and one electrostatic high frequency driver module. Features precise fine-tuning in both the time and frequency domains; unique, patented time-domain adjustability is provided for midrange and electrostatic array modules by a precision pulse alignment calibration mechanism which is crafted of fully machine-cut aerospace alloys; final alignment and calibration of every system must be performed personally by its designer, David A. Wilson; stands for each full array tower constructed of 1½-in high density wood which is braced for rigidity, and lead damped; midrange modules and baffle of midbass module are machined out of solid ceramic and mineral-filled methacrylate polymer; subwoofer system is tuned for maximum linearity 4th order Butterworth response, with tuning adjustable, and biamped via its low frequency electronic crossover whose FR is tailored to the drivers. Including EQ with variable bandwidth center capability. Power handling upwards of 1,700 W; FR 17-30,000 Hz +0, -3 dB (adjustable); 99 dB SPL/W/m; imp 4 ohms full range array, 16 ohms subwoofer. Over 100 fine wood veneers, many selections from rare and exotic investment collections, are available; hand-rubbed, custom-matched, painted finishes also available. Warranty of 5 years on parts and workmanship, reinstallation and calibration not covered. 18¼ x 78 x 31¼ in full range arrays, 24 x 78 x 15 in subwoofers; 1290 lb system\$125,000/pr

X-1/Grand Slam 5-Way Speaker

15-in subwoofer, 12-in woofer, two 6½-in midrange, 1-in Titanium inverted-dome tweeter, and two 1-in Titanium ambient supertweeters. FR 19.5-27,000 +0, -3 dB; sens 95 dB; imp 8 ohms. Dimensions: 16 x 72 x 25 in; 450 lb\$64,500/pr

Pow-Whow Powered Subwoofer

High precision, heavy duty 18-in driver; integral amp rated at 400 W. Designed for use as an "elegant coffee table." Features 40 W electronic crossover; frequency contour network; high current remote power supply. Power handling 1000 W max; crossover point at 55 Hz; imp 8 ohms. 8 standard Wilson gloss paint finishes, Diamond Black at extra cost, and 4 standard wood finishes, with 3 types of solid granite tops; plus other finishes available through Designer's Color

Consultation Service. 30 x 40¼ x 17 in; 412 lb \$9,950
Pow-Whow. Solid synthetic granite cabinet. 29½ x 39¼ x 16¼ in; 280 lb\$9,950
Whow-U Subwoofer. As Pow-WHOW above, but no integral amp\$9,950
Whow-U. As above, with solid synthetic granite cabinet. 29½ x 39¼ x 16¼ in; 280 lb\$9,950

Watt 5 2-Way Speaker

Ported QB3 design with 7-in woofer and 1-in Titanium dome tweeter. Designed for use with the Puppy 5 midbass enclosure which provides ideal height for the Watt 5. Features enclosure constructed of mineral and ceramic-filled methacrylate polymer; low-frequency system is modeled after the quasi-third order Butterworth response; crossover network uses multiple slopes to achieve acoustical phase linearity; audio-grade propylene capacitors, OFC air-core inductors, and time coherent wire; components matched to better than 1% tolerance. Very high current capacity WBT connectors. FR 55-21,000 Hz ± 3 dB; sens 91 dBA SPL/W/m; imp 4 ohms. Standard finishes are medium oak, American walnut, Bolivian rosewood, and zebrawood; standard metal finish is black anodized; plus a virtually limitless selection of high quality, automotive-grade and high quality wood side panel finishes. Five years limited and transferable warranty on parts and workmanship. 12 x 14 x 16½ in; 62 lb\$8,200/pr

Puppy 5 Speaker

Rear-firing port design with two 8-in low-mass, rigid polymer-based cone woofers. Designed for use with the Watt 5. Features built-in extra heavy duty crossover so no additional amp or cabling are needed if used with Watt 5; heavy, rigid, asymmetrically cross-partitioned enclosure; unique very high density materials used in construction; rigid, die-cast magnesium basket; precision adjustable floor spikes; very high current capacity WBT connectors. Passive mode FR 28-125 Hz +0, -3 dB; sens 91 dBA SPL/W/m; imp 4 ohms. All finishes as per Watt 5. Five years limited and transferable warranty on parts and workmanship. 11¼ x 24 x 16 in; 82 lb\$6,790/pr

XANTECH

The following feature separate speaker baffle, bezel and grille; recessed baffle area for mounting optional 480 Dinky Link infrared receiver; bracketless mounting system and hardware; 2-position tweeter level control; paintable matte-white finish.

S-66 2-Way In-Wall/Ceiling Speaker

6½-in polypropylene woofer and 1-in Ferrofluid-cooled soft-dome tweeter. Power handling 150 W max; crossover point 5,000 Hz; FR 55-18,000 Hz f3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8½ x 11½ x 3 in\$300/pr

S-64 2-Way In-Wall/Ceiling Speaker

6½-in polypropylene woofer and ¾-in Ferrofluid-cooled hard-dome tweeter. Power handling 100 W max; crossover point 5,000 Hz; FR 55-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 8½ x 11½ x 3 in\$186/pr

S-62 2-Way In-Wall/Ceiling Speaker

6½-in polypropylene woofer and 2-in cone tweeter. Power handling 70 W max; crossover point 6,600 Hz; FR 60-16,000 Hz ± 4 dB; sens 87 dB SPL/W/m; imp 8 ohms. 8½ x 11½ x 3 in\$120/pr

YAMAHA

YST-SW500 Powered Subwoofer

Active Servo Technology design with 10-In driver and 3-in air woofer; amp rated at 120 W amp Into 5 ohms. Features variable high-cut filter; ¾-in cabinet construction. Line- and speaker-level inputs. Magnetic shielding; volume control; power on-off switch; phase reverse switch; 3-preset memory positions for different volume, high-cut, and phase settings; 2 switchable remote-control codes for multiple units; remote control. FR 20-160 Hz. Charcoal gray. 13 x 17½ x 15 in; 48.5 lb\$849

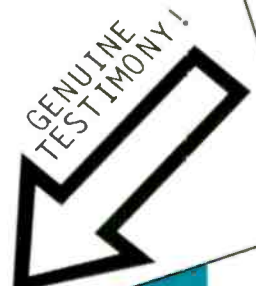
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Mr. Harry Y.
Miami, FL



S P E A K E R S

Tri-Sound A120W Subwoofer/Satellite System

One black YST-SW120 subwoofer; two NS-A325W satellite speakers\$599

Tri-Sound A120. As above, two NS-A325 satellites\$599

Tri-Sound A60W. As Tri-Sound A120W, one black YST-SW60 subwoofer\$499

Tri-Sound A60. As Tri-Sound A60W, two NS-A325 satellites\$499

YST-SW200 Powered Subwoofer

Active Servo Technology design with two 7-in spruce-cone drivers; amp rated at 100 W into 5 ohms. Features continuously variable high-cut filter. Line- and speaker-level inputs; 3-way binding posts. Magnetic shielding; volume control; phase reverse switch; remote control. Black. 9 $\frac{3}{4}$ x 23 $\frac{1}{4}$ x 15 $\frac{1}{4}$ in; 39.3 lb\$599

NS-A2835 3-Way Speaker

Two 8-in polypropylene woofers, one 4-in polypropylene midrange, one Ferrofluid-cooled dome tweeter. Magnetic shielding. Power handling 140 W max; FR 50-20,000 Hz; imp 8 ohms. Black pebble finish. 10 $\frac{1}{2}$ x 42 x 14 in\$499/pr

YST-SW120 Powered Subwoofer

Two 7-in spruce-cone drivers, 3-in air woofer; amp rated at 70 W into 6 ohms. Features 24-dB/oct high-cut filter variable from 40-140 Hz. Line- and speaker-level inputs; 3-way binding posts. Magnetic shielding; phase reverse switch; volume control. FR 21-180 Hz. 8 $\frac{1}{2}$ x 24 $\frac{1}{4}$ x 16 $\frac{1}{4}$ in\$499

YST-SW60. As above, one 7-in driver, 2 $\frac{1}{2}$ -in air woofer, amp rated at 50 W into 6 ohms. Crossover variable from 50-200 Hz. FR 25-200 Hz. 8 $\frac{1}{4}$ x 18 $\frac{1}{4}$ x 14 $\frac{1}{4}$ in\$329

NS-A1235 3-Way Speaker

12-in woofer, 5-in midrange, and 1-in dome tweeter. Black oak vinyl finish\$400/pr

NS-A835. As above, bookshelf version\$300/pr

NS-ACW1 Subwoofer/Center-Channel System

Bass-reflex subwoofer with two 10-in polypropylene drivers; center-channel subenclosure with 6 $\frac{1}{2}$ -in polypropylene woofer and 1-in tweeter. Combines subwoofer and center-channel speaker into stand for TVs up to 35 in. Features 12-dB/oct subwoofer crossover. Magnetic shielding; 250-lb capacity. Power handling 160 W max; FR 25-500 Hz subwoofer, 50-20,000 Hz center channel. Black pebble finish. 34 $\frac{1}{2}$ x 12 $\frac{1}{4}$ x 25 in\$349

NS-AC300 2-Way Center-Channel Speaker

Two 6 $\frac{1}{2}$ -in polypropylene woofers, one 1-in titanium-dome tweeter. Features angled front baffle. Gold-plated 5-way binding posts. Magnetic shielding; tweeter-level control. Power handling 220 W max; FR 50-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss black finish. 23 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in\$299

WSX-10 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in woofer, 1-in tweeter. New-construction bracket available. Power handling 80 W nom; FR 50-25,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Paintable white finish. 8 $\frac{1}{4}$ x 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in\$200

NS-10M 2-Way Bookshelf Speaker

Acoustic-suspension design with 7-in woofer and 1 $\frac{1}{2}$ -in soft-dome tweeter. Power handling 50 W; sens 90 dB SPL/W/m; imp 8 ohms. 8 $\frac{1}{2}$ x 15 x 7 $\frac{1}{2}$ in\$199

NS-A635 3-Way Bookshelf Speaker

8-in woofer, 5-in midrange, and $\frac{1}{4}$ -in dome tweeter. Black oak vinyl finish\$175/pr

NS-A104 Surround Speaker

Bass-reflex design with 4-in dual-cone driver. Features wedge enclosure shape. Includes 10-m cable. Power handling 30 W max; FR 60-20,000 Hz; imp 6 ohms. 8 $\frac{1}{4}$ x 12 x 4 $\frac{1}{4}$ in\$149/pr

NS-AP100 Center/Surround System

One NS-AC2 center-channel speaker; two surround speakers, each with 5-in driver. Power handling 60 W

max surround; frequency response 95-13,000 Hz surround; impedance 6 ohms surround. Black pebble finish. Surround speaker dimensions: 6 $\frac{1}{2}$ x 9 x 4 $\frac{1}{4}$ in\$149

NS-AC140 2-Way Center-Channel Speaker

Two 5 $\frac{1}{4}$ -in woofers, one 1-in dome tweeter. Features angled front baffle. Magnetic shielding. Power handling 160 W max; FR 60-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Matte-black finish. 19 x 6 $\frac{1}{2}$ x 7 $\frac{1}{2}$ in\$149

NS-AC200. As above, 6 $\frac{1}{2}$ -in woofers. Power handling 220 W max; FR 50-20,000 Hz. Dimensions: 21 $\frac{1}{4}$ x 7 $\frac{1}{2}$ x 10 in\$199

NS-A525 2-Way Bookshelf Speaker

6-in woofer, $\frac{3}{4}$ -in semi-dome tweeter. Black oak vinyl finish\$125/pr

YST-M10H Powered Mini Speaker System

2 speakers, each with 3 $\frac{1}{2}$ -in driver; amp rated at 10 W x 2. Designed for use with personal stereos, game systems, keyboards, TVs, or computers. Features proprietary Active Servo Technology. Magnetic shielding; presence and volume controls. Gray. Each speaker 3 $\frac{1}{4}$ x 8 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in\$100

YST-M10B. As above, black\$100

NS-AC2 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5-in woofers and one 2-in cone tweeter. Magnetic shielding. Power handling 60 W max; imp 8 ohms. Black pebble finish. 18 $\frac{1}{2}$ x 5 $\frac{1}{4}$ x 5 $\frac{1}{4}$ in\$99

NS-E80 2-Way Surround Speaker

4-in dual-cone woofer, 1 $\frac{1}{4}$ -in cone tweeter. Power handling 100 W max; FR 90-20,000 Hz; imp 6 ohms. Off-white. 7 $\frac{1}{2}$ x 10 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in\$99

NS-A202 2-Way Surround Speaker

Bass-reflex design with 5-in woofer and $\frac{3}{4}$ -in semi-dome tweeter. Power handling 100 W max; sens 91 dB SPL/W/m; imp 6 ohms. Antique white finish. 11 $\frac{1}{2}$ x 8 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in; 4.1 lb\$99

NS-AC85 2-Way Center-Channel Speaker

Acoustic-suspension design with two 4-in woofers and $\frac{3}{4}$ -in semi-dome tweeter. Features slanted front baffle. Magnetic shielding. Power handling 80 W max; FR 70-20,000 Hz; imp 8 ohms. Black pebble finish. 17 $\frac{1}{2}$ x 5 $\frac{1}{4}$ x 6 $\frac{1}{4}$ in\$99

NS-A325 2-Way Satellite Speaker

Acoustic-suspension design with 3 $\frac{1}{2}$ -in coated polymer woofer and $\frac{3}{4}$ -in Mylar dome tweeter. Magnetic shielding. Wall mount brackets optional. Power handling 120 W max; FR 150-22,000 Hz \pm 3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Black. 7 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 4 in\$85

NS-A325W. As above, white\$85

NS-A95 2-Way Surround Speaker

Acoustic-suspension design with 4 $\frac{1}{2}$ -in woofer and 2-in cone tweeter. Includes mounting bracket. Power handling 30 W; sens 91 dB SPL/W/m; imp 4 ohms. Black. 9 x 9 x 3 $\frac{1}{2}$ in; 4.4 lb\$80/pr

NS-A90B. As above, white\$80/pr

NS-E60 Surround Speaker

Bass-reflex design with 4-in driver. Features downward tilt built in when wall mounted. Power handling 50 W. White. 7 $\frac{1}{2}$ x 9 $\frac{1}{4}$ x 4 $\frac{1}{2}$ in\$59

YANKEE

FPR-78 PM Ribbon Speaker

Planar ribbon design using foil ribbons. Features full-range single diaphragm; proprietary Litz internal wiring. Gold-plated 5-way binding posts. FR 22-20,000 Hz \pm 2 dB; imp 4 ohms. Satine solid-hardwood finish. 35 x 7 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in; 225 lb\$22,000/pr

FPR-72 MkIII. As above, smaller diaphragm. FR 29-20,000 Hz \pm 2 dB; imp 3 ohms. 29 $\frac{1}{2}$ x 72 x 3 $\frac{1}{2}$ in; 135 lb\$13,800/pr

FPR-72 SL. Slim-line version of MkIII\$12,000/pr

FPR-III Ribbon Speaker

Planar ribbon design using foil ribbons. Features full-range single diaphragm. FR 35-20,000 Hz; sens 88 dB SPL/W/m. 70 x 18 x 3 in; 100 lb\$3,500/pr



Yamaha YST-SW500

AIWA

HP-X800 Headphones

9-ft 10-in one-sided LC-OFC Litz cord with 24-karat gold-plated plug. Features closed design; 2 $\frac{1}{2}$ -in composite-mica double-dome drivers; symmetrical neodymium magnet configuration; glass-fiber-reinforced plastic baffle; copper-clad aluminum-wire voice coils. Includes plug adaptor. Power handling 1.5 W; FR 5-30,000 Hz; sens 104 dB/mW; imp 40 ohms. 8.5 oz\$140

HP-X500 Headphones

9-ft 10-in one-sided LC-OFC Litz cord with 24-karat gold-plated plug. Features closed design; 2 $\frac{1}{4}$ -in sapphire-laminated diaphragms; glass-fiber-reinforced plastic baffle; copper-clad aluminum-wire voice coils. Includes plug adaptor. Power handling 1.5 W; FR 5-27,000 Hz; sens 104 dB/mW; imp 40 ohms. 8.5 oz\$100

HP-X705 Headphones

OFC cord with 24-karat gold-plated plug. Features closed design; 1 $\frac{1}{2}$ -in drivers. Folding design. Includes plug adaptor and carrying pouch. FR 10-20,000 Hz. 4.6 oz\$80

HP-XV303 Headphones

16-ft 5-in cord with 24-karat gold-plated plug. Features closed design; 1 $\frac{1}{2}$ -in drivers. In-line volume control and mono/stereo switch. Includes plug adaptor. FR 5-23,000 Hz. 8.1 oz\$70

HP-X301 Headphones

OFC cord with 24-karat gold-plated plug. Features closed design; 1 $\frac{1}{2}$ -in drivers. Includes plug adaptor. FR 5-23,000 Hz. 8.1 oz\$55

HP-X201 Headphones

9-ft 9-in cord. Features closed design; 1 $\frac{1}{2}$ -in driver. FR 15-20,000 Hz. 6.7 oz\$28

Earphones

HP-J9 Earphones

OFC cord with 24-karat L-shaped mini plug. Features in-ear design; $\frac{3}{8}$ -in drivers; proprietary bass resonator ducts. Includes cord-winding carrying case. FR 8-25,000 Hz. 0.2 oz\$70

HP-J6 Earphones

OFC Litz cord. Features in-ear design with headband; $\frac{3}{8}$ -in diaphragms; proprietary bass resonator ducts. In-line volume control. FR 8-25,000 Hz. 0.9 oz\$50

HP-J3. As above, no volume control. 0.5 oz\$35

HP-V68 Earphones

OFC cord with 24-karat gold-plated mini plug. Features in-ear design; $\frac{3}{8}$ -in drivers; proprietary 1 $\frac{1}{4}$ -in bass resonator ducts. In-line volume control. Includes cord-winding carrying case. FR 7-25,000 Hz. 0.2 oz\$40

HP-V65. As above, without volume control\$35

HP-V28 Earphones

OFC cord with 24-karat gold-plated mini plug. Features in-ear design; proprietary 1 $\frac{1}{4}$ -in bass resonator ducts; $\frac{3}{8}$ -in drivers; design to inhibit sound leakage. In-line volume control and mono/stereo switch. FR 7-25,000 Hz. 0.2 oz\$28

HP-V147 Earphones

OFC cord with L-shaped mini plug. Features in-ear design; proprietary 1 $\frac{1}{4}$ -in bass resonator ducts; $\frac{3}{8}$ -in drivers with samarium-cobalt magnets. In-line volume control. FR 10-25,000 Hz. 0.2 oz\$22

HP-V145. As above, without volume control\$21

HP-V16 Earphones

OFC cord. Features in-ear design; proprietary 1 $\frac{1}{4}$ -in bass resonator ducts; $\frac{3}{8}$ -in drivers; design to inhibit sound leakage. FR 7-25,000 Hz. 0.2 oz\$20

HP-JB33 Earphones

L-shaped mini plug. Features in-ear design with headband; $\frac{3}{8}$ -in drivers with samarium-cobalt magnets; proprietary bass resonator ducts. FR 10-25,000



Hz. 0.5 oz\$15

HP-V141 Earphones

OFC cord with L-shaped mini plug. Features in-ear design; proprietary 1 $\frac{1}{4}$ -in bass resonator ducts; $\frac{3}{8}$ -in drivers with samarium-cobalt magnets. FR 10-25,000 Hz. 0.2 oz\$15

Open-Air Headphones

HP-A560 Open-Air Headphones

Features 1 $\frac{1}{4}$ -in drivers; proprietary bass resonator ducts. Includes 24-karat gold-plated adaptor. FR 7-20,000 Hz. 2.6 oz\$40

HP-A360 Open-Air Headphones

OFC cord. Features 1 $\frac{1}{4}$ -in drivers; proprietary bass resonator ducts. Includes 24-karat gold-plated adaptor. FR 7-20,000 Hz. 2.3 oz\$30

HP-A260 Open-Air Headphones

L-shaped mini plug. Features 1 $\frac{1}{4}$ -in drivers; copper-clad aluminum-wire voice coils. 3-point folding headband. FR 20-20,000 Hz. 1.9 oz\$22

HP-A160. As above, not folding. 1.4 oz\$15

AKG ACOUSTICS

K1000 Headphones

Features headband allowing drivers to swivel away from ears. Includes MK1000 cable in hand-made black-oak storage case. Power handling 1 W; sens 74 dB/mW; imp 120 ohms\$999

K500 Open-Air Headphones

9 $\frac{1}{2}$ -ft OFC cord with gold-plated mini and phone plugs. Features neodymium magnet structure. Gray leather headband; gray fabric-covered washable ear cushions. Power handling 200 mW; FR 15-27,000 Hz; sens 94 dB/mW; imp 120 ohms. 7.8 oz\$229

K400. As above, black with black ear cushions and black self-adjusting plastic headband. FR 20-26,000 Hz; sens 96 dB/mW\$189

K270S Headphones

9 $\frac{1}{2}$ -ft single-sided cord with gold-plated phone plug. Features parabolic dual-transducer design for each earcup. Auto shut-off upon removal from user's head. Power handling 200 mW; frequency response 20-20,000 Hz; sensitivity 92 dB/mW; impedance 75 ohms. 9.5 oz\$209

K240M Headphones

9 $\frac{1}{2}$ -ft single-sided cord with gold-plated mini and phone plugs. Power handling 200 mW; FR 15-20,000 Hz; sens 88 dB/mW; imp 600 ohms. 8.5 oz\$139

K240DF. As above, designed based on European requirements for reference-monitor headphones\$169

K141/2 Headphones

Supra-aural design with 9 $\frac{1}{2}$ -ft single-sided cord with gold-plated mini and phone plugs. Power handling 200 mW; FR 20-20,000 Hz; sens 97.5 dB/mW; imp 600 ohms. 8 oz\$119

AUDIO-TECHNICA

ATH-P5 Headphones

3 $\frac{1}{2}$ -ft cord with mini plug. Features open-back design; 40 mm drivers; neodymium magnets. Includes phone-plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 100 dB. 2.5 oz without plug or cord\$30

ATH-P3. As above, magnets not neodymium. Sens 98 dB. 3.2 oz without plug or cord\$25

ATH-P1 Headphones

3 $\frac{1}{2}$ -ft cord with mini plug. Features open-back design; 28-mm drivers. Includes phone-plug adaptor. Power handling 50 mW; FR 30-20,000 Hz; sens 93 dB. 2 oz without plug or cord\$20

BANG & OLUFSEN

Form 1 Headphones

Dynamic semi-open design with 9-ft flexible cord and mini plug. Auto adjustment to head shape. Power handling 100 mW; FR 20-20,000 Hz\$130

Form 2 Headphones

Dynamic semi-open design with 9 $\frac{1}{2}$ -ft cord and mini plug. Auto adjustment to head shape; springs for headband and earcups. Includes phone-jack adaptor. Power handling 100 mW; FR 40-20,000 Hz; sens 94 dB; imp 30 ohms\$70

BEYERDYNAMIC

DT911. Open circumaural design. FR 5-35,000 Hz; imp 250 ohms\$429

DT911S. As above, with portable aluminum case and test CD\$499

DT901. Fully enclosed bass-reflex design. Velvet ear cushions. FR 5-35,000 Hz; imp 250 ohms\$389

DT811. Open circumaural design. Velvet ear cushions. FR 5-30,000 Hz; imp 250 ohms\$339

DT801. Fully enclosed bass-reflex design. Velvet ear cushions. FR 10-30,000 Hz; imp 250 ohms\$299

DT511. Open circumaural design with replaceable ear cushions. FR 10-22,000 Hz; imp 600 ohms\$199

DT411. Open design with 10-in straight cord and mini plug. Includes phone-plug adaptor. FR 15-20,000 Hz; imp 250 ohms\$149

DT431. As above, imp 40 ohms\$169

DT331. Open circumaural design with 10-in straight cord and mini plug. Includes phone-plug adaptor. FR 20-20,000 Hz; imp 40 ohms\$129

DT311. As above, open supra-aural design\$99

DT211. Open supra-aural design with 10-in straight cord and mini plug. Includes phone-plug adaptor. FR 30-19,000 Hz; imp 40 ohms\$59

DT211TV. As above, with L/R volume controls and mono/stereo switch\$69

Wireless Headphones

IRS790. Auto mute. Operates on one AA battery. FR 20-23,000 Hz\$299

ISS790. Adjustable mounting; interconnectable for multiroom applications\$169

IRH890. Semi-open design with L/R volume controls. LED battery indicator, and mono/stereo switch\$299

IRH790. L/R volume controls and mono/stereo switch\$199

IRS890. As above, 40% greater transmission capability. FR 18-24,000 Hz\$369

ISS890. Slave transmitter for IRS890. For multiroom applications\$199

DENON

AH-D950 Headphones

Gold-plated mini-plug. Features 50-mm drivers with

neodymium magnets; 6N-OFC voice coils and Input cable; vaporized diamond diaphragms. Simulated-leather ear pads. Includes screw-on phone-plug adaptor\$150

AH-D750 Headphones

Gold-plated mini-plug. Features 50-mm drivers with neodymium magnets; Class 1 LC-OFC voice coils and input cable; vaporized titanium diaphragms. Simulated-leather ear pads. Includes screw-on phone-plug adaptor\$125

AH-D650 Headphones

Gold-plated mini-plug. Features 50-mm drivers with neodymium magnets; Class 1 LC-OFC for voice coils and input cable. Simulated-leather ear pads. Includes phone-plug adaptor\$100

AH-D550 Headphones

Gold-plated mini-plug. Features 50-mm drivers with neodymium magnets; copper-clad aluminum wire for voice coils and input cable. Simulated-leather ear pads. Includes phone-plug adaptor\$75

AH-D350 Headphones

OFC Litz cable with mini plug. Features 40-mm drivers; polymer-film diaphragms; copper-clad aluminum-wire voice coils. Simulated-leather ear pads. Includes phone-plug adaptor\$60
AH-D210. As above, different driver housing. Reversible ear cups\$50

DISCWASHER

Headphones

PRO 80. Features 40-mm samarium-cobalt drivers\$50
HP 70. Features samarium-cobalt drivers\$45
HP 60\$40
HP 50\$30
HP 40\$24

Earphones

DR-70. Features samarium-cobalt drivers. Includes wind-up storage case\$28
DR-60. Features samarium-cobalt drivers. Includes wind-up storage case\$17.99
Micro 50. Features samarium-cobalt drivers. Includes carrying case\$9.99
Micro 40. Includes carrying case\$7.99
Micro 30\$4.49
PRO 410. With headband. Features water-resistant design\$9.99

Open-Air Headphones

PRO 610\$25
PRO 510. Single-entry cord\$17.99
HP 310\$11.99
HP 110\$3.99

GRADO LABS

The following feature vented polymer diaphragms with air chambers, an adjustable headband, foam-covered ear cups, and a 1-yr parts-and-labor warranty. Ear cushions are replaceable.

Prestige SR325 Open-Air Headphones

7-ft round cord with phone plug. Aluminum air chamber; long-crystal OFC voice-coil wire and cord. FR 18-24,000 Hz; sens 96 dB; imp 40 ohms. 11 oz\$295

Prestige SR200 Open-Air Headphones

7-ft round copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 40 ohms. 8 oz\$200

Prestige SR100 Open-Air Headphones

7-ft round copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 40 ohms. 8 oz\$150

Prestige SR80 Open-Air Headphones

7-ft round copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 40 ohms. 8 oz\$95

Prestige SR60 Open-Air Headphones

Mini plug. Features copper voice-coil wire and cord.

Includes phone-plug adaptor. FR 20-20,000 Hz; sens 94 dB SPL/W/m; imp 40 ohms\$69

JASCO

HE460 Wireless Headphones

Mini plug. Features infrared signal transmission. L/R volume controls. Operates on 2 AAA batteries. Includes AC/DC adaptor and RCA-jack adaptor. FR 20-15,000 Hz; imp 32 ohms\$100

HE458 Wireless Headphones

20-ft range with mini plug. Features infrared signal transmission. Volume control. Operates on 2 AAA batteries. Includes AC/DC adaptor, RCA-jack adaptor, and speaker microphone for sources without headphone jack. FR 50-12,000 Hz\$70

HE455 Headphones

3-m single-sided cord with mini plug. Features adaptors for over-ear design; samarium-cobalt magnets. Adjustable headband. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 105 dB at 1,000 Hz; imp 32 ohms\$32

HE454 Headphones

6½-ft single-sided cord with mini plug. Features samarium-cobalt magnets. Adjustable headband. Includes gold-plated phone-plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms\$30

HE476 Headphones

10-ft cord with gold-plated mini plug. Features Mylar drivers. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 104 dB; imp 32 ohms\$28

HE453 Headphones

Single-sided cord with mini plug. Features Mylar drivers. Volume control; adjustable headband. Includes gold-plated phone-plug adaptor. Power handling 100



Jasco HE458

mW; FR 20-20,000 Hz; sens 100 dB at 1 mW; Imp 32 ohms\$22

HE441 Earphones

4-ft cord with gold-plated mini plug. Includes case. FR 18-22,000 Hz; sens 104 dB; imp 32 ohms\$12.49

HE467 Headphones

4-ft OFC cord with mini plug. Features Mylar in-ear drivers. Folding design. Includes carry pouch. Power handling 30 mW; FR 20-20,000 Hz; sens 103 dB at 1 mW; imp 16 ohms\$9.99

HE468 Earphones

4-ft cord with mini plug. Features Mylar drivers. Mono/stereo switch; volume control. Includes carry

pouch. Power handling 30 mW; FR 20-20,000 Hz; sens 100 dB at 1 mW; imp 32 ohms\$9.99

HE452 Headphones

6½-ft single-sided cord with mini plug. Features Mylar drivers. Foam ear pads. Include phone-plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms\$9.95

HE456 Headphones

4-ft cord with mini plug. Design convertible to ear-phones. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 100 dB; imp 32 ohms\$9.29

HE436 Earphones

4-ft cord with gold-plated mini plug. Foam ear pads. Includes storage case. FR 20-20,000 Hz; sens 100 dB/mW; imp 32 ohms\$6.99

HE464 Headphones

4-ft single-sided cord with mini plug. Sliding headband. Power handling 100 mW; FR 20-20,000 Hz; sens 101 dB at 1,000 Hz; imp 22-32 ohms\$5.99

HE435 Earphones

4-ft cord with mini plug. Features Mylar drivers. Includes storage case. FR 20-18,000 Hz; impedance 32 ohms\$3.99

HE472 Headphones

4-ft cord with mini plug. Features Mylar drivers. Stainless-steel adjustable headband; cord guard. FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$3.99

HE463 Headphones

4-ft cord with gold-plated mini plug. Foam ear pads. Includes gold-plated phone-plug adaptor. FR 20-20,000 Hz; sens 90 dB; imp 32 ohms at 1,000 Hz\$2.59

JOSEPH GRADO SIGNATURE

HP-1 Open-Air Headphones

7-ft cord with phone plug. Features long-crystal OFC voice-coil wire and cord; vented polymer diaphragms with aluminum air chambers. Polarity switches; adjustable hand-stitched leather headband; foam-covered ear cups. 1-yr parts-and-labor warranty. FR 18-24,000 Hz; sens 96 dB SPL/W/m; imp 40 ohms\$595
HP-2. As above, without polarity switches\$495

JVC

HAW75 Wireless Headphones

33-ft horizontal range with mini-plug and RCA plugs. Features moving-coil design; bass-enhancement system. Auto mute control; auto 3-hr power off; auto transmitter on/off switched by audio signal; volume control. Operates on 2 AA batteries. Includes AC and plug adaptors. FR 16-22,000 Hz. 10.2 oz with batteries\$250

HAD990 Headphones

9½-ft cord with 24-karat gold-plated plug. Features 40-mm plasma-evaporated ruby diaphragms; moving-coil closed design with circumaural earpads. Includes plug adaptor. Power handling 100 mW; FR 5-27,000 Hz; sens 106 dB/mW; imp 65 ohms. 8.5 oz without cord\$150

HAW50 Wireless Headphones

23-ft horizontal range. Features moving-coil design. Line/headphone-level input. auto 3-hr power off; volume control. Operates on 2 AA batteries. Includes AC and plug adaptors. FR 19-20,000 Hz. 5.5 oz with batteries\$120

HAD810 Headphones

9½-ft cord with 24-karat gold-plated plug. Features 40-mm diaphragms; moving-coil semi-closed design. Braille-type L/R side identification. Includes plug adaptor. Power handling 100 mW; FR 5-26,000 Hz; sens 104 dB/mW; imp 32 ohms. 6.9 oz without cord\$80

HAD610. As above, 30-mm diaphragms. FR 15-23,000 Hz. 4.6 oz without cord\$45

HAD510 Headphones

9 1/4-ft cord with 24-karat gold-plated plug. Features moving-coil semi-closed design. Braille-type L/R side identification. Includes plug adaptor. Power handling 100 mW; frequency response 10-23,000 Hz; sens 105 dB/mW; impedance 32 ohms. 3.9 oz without cord\$45

HAD410. As above, 6 1/2-ft cord with open-air design. Power handling 50 mW; FR 20-20,000 Hz; sens 98 dB/mW. 3.2 oz without cord\$35

HACD88 Headphones

6 1/2-ft cord with 24-karat gold-plated plug. Features moving-coil design; bass-enhancement system. Braille-type L/R side identification. Includes plug adaptor. Power handling 50 mW; FR 14-22,000 Hz; sens 102 dB/mW; imp 32 ohms. 1.4 oz without cord\$40

HACD66. As above, FR 16-20,000 Hz. sens 98 dB/mW\$25

KOSS

All products feature a lifetime warranty.

ESP/950 Electrostatic Headphones

Features circumaural open-air design; minimal acoustic damping. Includes energizer/amplifier, battery pack, adaptor cords, and leather carrying case\$2,000

JCK 300 Wireless Headphones

Battery powered. Includes infrared transmitter and modulator. FR 20-20,000 Hz\$275

QZ 1000 Headphone System

OFC cord. Features switchable active processor to reduce low-frequency outside noise between 30-1,400 Hz up to 18 dB via analysis of microphone input from each earcup; polymer diaphragms. Foam ear cushions; processor belt hook. Processor operates on 2 AA batteries. Includes 2-pin adaptor for airline use. Sens 98 dB SPL/W/m; imp 60 ohms. Processor 2 1/2 x 4 x 1 in; 5 oz with batteries. Headphones 5 oz\$299

JCK/200 Wireless Headphones

Features circumaural design. Includes transmitter and AC adaptor. FR 20-20,000 Hz \pm 3 dB\$160

HB/500 Wireless Headphones

500-ft range, mini plug. Features neodymium iron-boron magnets; 2-layer free-standing voice coils. Vinyl cushions; adjustable padded headband; L/R volume controls; mono/stereo capability. Operates on 2 AA batteries for 40 hrs. Includes infrared transmitter and AC adaptor. 7.5 oz\$120

Pro/4AA Headphones. Features 1-in voice coils. FR 10-22,000 Hz\$99

Pro/4XTC Headphones

Semi-open earcups. FR 10-24,000 Hz; sens 100 dB SPL/W/m; imp 93 ohms\$80

PortaPro 2000 Headphones

6-ft straight cord, mini plug. Features neodymium iron-boron magnets; 2-layer voice coils; OFC cable. Collapsible storage design. Includes cushions, leatherette carrying case, and gold mini-plug adaptor. FR 10-25,000 Hz; sens 101 SPL/W/m; imp 32 ohms. 3 oz\$70

PRO/480 Headphones

10-ft coiled cord, mini plug. Features titanium-coated diaphragms. Soft vinyl cushions; adjustable earcups. Includes phone-plug adaptor. FR 10-22,000 Hz; sens 100 SPL/W/m; Imp 180 ohms. 9 oz\$60

HV/Pro Headphones

8-ft cord, phone-plug adaptor. Features dual-suspension design; in-line volume/balance control. FR 15-35,000 Hz\$60

PortaPro Headphones

6-ft cord with mini and phone plugs. Folding design; pivoting earcups. 2.5 oz with cord\$50

HV/1A Plus Headphones

10-ft cord. Sponge ear cushions; headband with self-adjusting pivoting yokes. FR 15-35,000 Hz \pm 3 dB. 10.1 oz\$50

MAC/7 Headphones

8-ft cord. Closed vinyl ear cushions; adjustable soft-vinyl headband. FR 20-20,000 Hz; sens 95 dB; imp 60 ohms. 5.5 oz\$50

CD/4 Headphones

8-ft cord. Features titanium nitride-coated diaphragms. Foam ear cushions; pivoting earcups. FR 20-20,000 Hz; sens 90 dB. 3.3 oz\$45

PortaPro Jr. Headphones

6-ft straight cord, mini and phone plugs. Pivoting earcups; adjustable headband. FR 15-25,000 Hz; sens 101 SPL/W/m; imp 60 ohms. 2.3 oz\$40

TD/75 Headphones

8-ft straight cord, mini plug. Features ferrite magnets. Soft-vinyl closed cushions; in-line volume control; padded adjustable headband. Includes phone-plug adaptor. FR 20 20,000 Hz; sens 95 SPL/W/m; imp 160 ohms. 11.5 oz\$40

TD/70 Headphones

10-ft cord. Closed leatherette ear cushions; in-line volume control. FR 20-20,000 Hz; sens 94 dB; imp 100 ohms. 9.3 oz\$40

GT/5 Headphones

Mini plug. Features neodymium magnets. Replaceable foam ear cushions; adjustable head band. Includes phone-plug adaptor. FR 20-20,000 Hz\$30

TD/65 Headphones

8-ft straight cord, mini plug. Features ferrite magnets; oxygen-free voice coil. FR 20-17,000 Hz; sens 101 SPL/W/m; imp 90 ohms. 5.5 oz\$30

TNT/55 Open-Air Headphones

Phone-plug adaptor. Features titanium-coated diaphragms; self-supporting voice coils. FR 15-25,000 Hz\$30

MAC/5 Headphones

4-ft cord with mini and phone plugs. FR 20-20,000 Hz; sens 95 dB; imp 60 ohms. 3.4 oz\$30

TD/60 Headphones

Mini and phone plugs. Features circumaural design. Pivoting earcups; adjustable headband. FR 18-20,000 Hz\$20

LS/9 Earphones

L-shaped mini plug. Features samarium-cobalt magnets. Collapsible headband. FR 20-20,000 Hz; sens 84 dB; imp 32 ohms\$20

GT/4 Open-Air Headphones

Features neodymium magnets. In-line volume control; adjustable headband; replaceable foam ear cushions; FR 50-20,000 Hz\$20

GT/3. As above, without volume control\$14.99

GT/2. As GT/3, headband not adjustable. FR 90-20,000 Hz\$9.99

LS/7 Earphones

L-shaped mini plug. Removable headband. FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$15

LS/6 Earphones

L-shaped mini plug. Includes carrying case. FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$10

Game Phone Headphones

L-shaped mini plug. Designed for portable video games. Foam cushions; pivoting earcups; adjustable headband. FR 20-20,000 Hz. 1.5 oz\$9.99

MB QUART

The following, except QP 1X, feature a 3-yr warranty. All weights are without the cable.

QP 400 Headphones

10-ft coiled cord with 1/4-in gold-plated phone plug. Features semi-open design. Frequency response 14-24,100 Hz; sens 93 dB/mW; imp 300 ohms x 2. 8.3 oz\$299

QP 805 Headphones

10-ft cord with 1/4-in phone plug. Frequency response 10-34,000 Hz; sens 98 dB/mW; imp 300 ohms x 2. 7.8 oz\$199

QP 95X Headphones

10-ft coiled cord with 1/4-in phone plug. Features semi-open design. Frequency response 16-23,500 Hz; sensitivity 96 dB/mW; Impedance 300 ohms x 2. 7.6 oz\$199

QP 75X. As above, closed design. Frequency response 20-20,100 Hz; sensitivity 97 dB/mW; impedance 100 ohms x 2. 8.1 oz\$159

QP 55X Headphones

10-ft coiled cord with 1/4-in phone plug. Features semi-open design. Frequency response 10-22,500 Hz; sensitivity 98 dB/mW; impedance 100 ohms x 2. 7.8 oz\$139

QP 45X. As above, FR 24-20,100 Hz\$119

QP 35X Headphones

10-ft cord with mini plug. Features semi-open design. Includes phone-plug adaptor. Frequency response 24-20,000 Hz; sens 97 dB/mW; imp 100 ohms x 2. 5.6 oz\$99

QP 1X Open-Air Headphones

6-ft cord with mini plug. Includes phone-plug adaptor. Frequency response 24-22,000 Hz; sensitivity 110 dB/mW; impedance 35 ohms x 2. 6-month warranty. 1.4 oz\$29

NAKAMICHI

SP-7 Headphones

3-m straight cable with phone plug. Features ferrite magnets; 25-mm-thick double-coated polyester-film diaphragms; damper adaptor; tangential diaphragm edges to reduce distortion. Includes spare earpads. Power handling 100 mW; FR 20-20,000 Hz; imp 45 ohms\$100

NIKKO

NH650IR Wireless Headphones

Horizontal transmitter. Power handling 100 mW; FR 20-23,000 Hz; sens 116 dB; imp 32 ohms. Lifetime warranty\$120

NH150 Open-Air Headphones

Gold plug and adaptor. Power handling 100 mW; frequency response 15-22,000 Hz; sens 98 dB; imp 40 ohms\$36

NH120 Headphones

Gold plug and adaptor. Power handling 100 mW; frequency response 20-20,000 Hz; sens 100 dB; imp 32 ohms\$27

NH45 Open-Air Headphones

Gold plug and adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$12.99

NH35. As above, sens 96 dB\$7.95

NH10BV Earphones

Volume control. Power handling 100 mW; FR 20-20,000 Hz; sens 97 dB; imp 32 ohms. Lifetime warranty\$8.29

ONKYO

DP-600 Headphones

3-m OFC cord with gold-plated phone plug. Features 1 1/4-in drivers; closed housing with open back. Frequency response 4-28,000 Hz; sensitivity 92 dB SPL/W/m\$110

DP-400 Headphones

3-m OFC cord with gold-plated mini plug. Features 2-

H E A D P H O N E S

in polymer-film diaphragms; closed housing with open back; neodymium magnets. Includes phone-plug adaptor. FR 4-28,000 Hz; sens 106 dB SPL/W/m; imp 35 ohms\$70

DP-200 Open-Air Headphones

2½-m OFC cord with gold-plated mini plug. Features 1½-in high-polymer film diaphragms; ferrite magnets. Includes phone-plug adaptor. FR 20-22,000 Hz; sens 97 dB SPL/W/m; imp 40 ohms\$40

PANASONIC

RP-WH50 Wireless Headphones

23-ft range. Features infrared signal transmission; 1½-in drivers. Line-level and headphone outputs. Frequency response 18-22,000 Hz. 5 oz with AA battery\$140

RP-HT137 Headphones

9.9-ft OFC cord. Features 1½-in drivers with neodymium magnets. Removable ear pads. FR 8-28,000 Hz\$100

RP-HT127 Headphones

9.9-ft OFC cord. Features 1½-in drivers with neodymium magnets. Removable ear pads. FR 10-27,000 Hz\$85

RP-HT96 Headphones

Features 1½-in speaker drivers. Urethane leather earpads. FR 8-28,000 Hz\$80

RP-HT117 Open-Air Headphones

9.9-ft OFC cord. Features 1½-in drivers with neodymium magnets. FR 10-27,000 Hz\$70

RP-HV600 Earphones

Sound-control switch; twist-free cord. FR 10-26,000 Hz\$65

RP-HT245 Headphones

16½-ft cord. Features 1½-in speaker drivers. In-line volume control; urethane leather earpads. FR 10-27,000 Hz\$50

RP-HV540D Earphones

Volume control; twist-free cord. Frequency response 10-25,000 Hz\$46

RP-HT240 Headphones

OFC cord. Features 1½-in drivers. Urethane leather earpads. FR 10-27,000 Hz\$40

RP-HV390 Earphones

Features neodymium magnets. Rotary fit adjustment; volume control. FR 10-25,000 Hz\$40

RP-HV530D Earphones

Bass ports. Twist-free cord. FR 10-25,000 Hz\$38

RP-HT48 Headphones

16½-ft cord. Features 1½-in drivers. In-line volume control; urethane leather earpads. FR 20-22,000 Hz\$38

RP-HT38 Headphones

Single-sided cord. Features neodymium magnets; 1½-in drivers. Urethane pads. Frequency response 18-23,000 Hz\$35

RP-HV370 Earphones

Features neodymium magnets. Rotary fit adjustment. FR 10-25,000 Hz\$33

RP-HV330 Earphones

Features neodymium magnets. Rotary fit adjustment. FR 10-25,000 Hz\$28

RP-HT28 Headphones

Single-sided cord. Features 1½-in drivers. FR 20-22,000 Hz\$26

RP-HV170 Earphones

Features neodymium magnets. Twist-free cord; volume control. FR 20-20,000 Hz\$22

RP-HT14 Open-Air Headphones

Features 1½-in drivers. Frequency response 20-20,000 Hz\$18

RP-HV160 Earphones

Features neodymium magnets. Twist-free cord. Includes carrying case. FR 20-20,000 Hz\$17

RP-HV150 Earphones

Features neodymium magnets. Twist-free cord. FR 20-20,000 Hz\$14

RP-HT12 Open-Air Headphones

Features 1½-in drivers. Foam ear pads. FR 20-20,000 Hz\$12

PIONEER

All weights are without the connection cord.

SE-IR550C Wireless Headphones

30-ft range. Includes transmitter and AC adaptor. FR 20-25,000 Hz. 5.4 oz\$275

SE-500D Headphones

9-ft 10-in OFC Litz cord. Power handling 1 W/ch; FR 5-28,000 Hz; imp 35 ohms. 6.2 oz\$75
SE-400D. As above, power handling 0.5 W/ch, FR 5-26,000 Hz. 6.5 oz\$65

SE-M50 Headphones

16-ft 5-in OFC Litz cord. Power handling 1 W/ch; FR 3-50,000 Hz; imp 32 ohms. 8.1 oz\$75

SE-205 Headphones

8-ft 2-in cord. Power handling 500 mW/ch; FR 20-20,000 Hz; imp 10 ohms. 16 oz\$48

SE-32 Headphones

8-ft 2-in OFC Litz cord. Power handling 100 mW/ch; FR 12-22,000 Hz; imp 40 ohms. 3.3 oz\$38
SE-22. As SE-32, FR 30-25,000 Hz, imp 36 ohms. 2.2 oz\$32
SE-12. As SE-22, 6-ft 7-in cord. FR 40-20,000 Hz, imp 30 ohms. 2.1 oz\$23

RADIO SHACK

PRO 100 Wireless Headphones

150-ft range. Level and frequency controls. Operates on built-in rechargeable battery. Includes 6-ft interconnect and Y cord\$130

PRO 90 Headphones

8-ft coiled OFC cord with gold-plated phone plug. Features titanium-evaporated diaphragms. Foam-filled covered cushions. FR 10-22,000 Hz\$70

Model 32-2052 Wireless Headphones

20-ft range. Mono. Operates on 2 AAA batteries. Includes mini and phone plugs\$60

PRO 60 Open-Air Headphones

8-ft flat cord with gold-plated phone plug. Foam earcushions. FR 15-25,000 Hz\$50

PRO 25 Headphones

6-ft cord with gold-plated mini plug. Features titanium-layered diaphragms; OFC coils; neodymium magnets. In-line volume control. FR 15-20,000 Hz\$40

LV 20 Headphones

8-ft cord with gold-plated phone plug. Features earcup vents. In-line volume control; foam-filled cushions. FR 20-20,000 Hz\$40

Nova 67 Open-Air Headphones

8-ft cord with phone plug. Foam cushions; padded headband. FR 20-20,000 Hz\$35

Model 33-991 Earphones

3-ft 4-in cord with gold-plated mini plug. In-line volume control. Includes case. FR 16-22,000 Hz\$30

Nova 56 Headphones

8-ft cord with phone plug. Features supra-aural de-

sign; neodymium magnets. Pivoting foam-cushioned earcups; adjustable headband. Frequency response 20-20,000 Hz\$30

Nova 44 Headphones

7½-ft cord with mini plug. Swiveling earcups. FR 20-20,000 Hz\$25

Nova 28 Headphones

9-ft cord with phone plug. Balance controls; foam-filled cushions. FR 20-20,000 Hz\$20

Nova 43 Headphones

5½-ft cord with gold-plated right-angle mini plug. Adjustable flexible headband. Includes gold-plated phone-plug adaptor. FR 20-20,000 Hz\$19.99

Nova 37 Headphones

3¾-ft cord with mini plug. Features in-ear drivers. Folding headband\$15.99

Model 33-980 Earphones

3-ft 7-in cord with mini plug. Includes cord-winding carrying case. FR 120-20,000 Hz\$13.99

Nova 42 Headphones

16-ft cord with gold-plated mini plug. Mono/stereo switch\$12.99

Nova 41 Headphones

4-ft cord with right-angle mini plug. Flexible adjustable headband; foam earcushions\$9.99

Model 33-970 Earphones

3-ft 10-in cord with mini plug. Includes cord-winding case. FR 120-20,000 Hz\$8.99

Nova 39 Headphones

3½-ft cord with right-angle mini plug. Adjustable headband; foam earcushions\$7.99

Nova 35 Headphones

4-ft cord with gold-plated mini plug. Adjustable headband\$5.99

RECOTON

Wireless Headphones

The following transmit their wireless signal at 900 MHz for extended listening range.

W-500. 150-ft range. Receiver built into headset. Mini and phone plugs\$150
W-501B. Extra transmitter for above\$80
W-502B. Extra headset for W-500\$80
W-507B. Replacement Ni-Cd battery\$12.99

W-222SX. Wireless stereo headphone/speaker\$150

W-200SX. Separate receiver for use with any headphones. Includes AC adaptor\$130
W-201SXB. Extra transmitter for above\$60
W-206B. Extra receiver for W-200 SX\$30

HTS Series

HTS-90 Headphones

8-ft cord with gold-plated phone plug. Features 1½-in samarium-cobalt magnets; titanium diaphragms; aluminum voice coils; OFC wiring. FR 5-30,000 Hz; sens 98 dB; imp 40 ohms\$150

HTS-80 Headphones

8-ft cord with gold-plated phone plug. Features 1½-in samarium-cobalt magnets; titanium/Mylar diaphragms; aluminum voice coils; OFC wiring. FR 10-30,000 Hz; sens 102 dB; imp 40 ohms\$100

HTS-60 Headphones

8-ft cord with gold-plated phone plug. Features 1½-in samarium-cobalt magnets; titanium diaphragms; aluminum voice coils; OFC wiring. FR 10-30,000 Hz; sens 102 dB; imp 40 ohms\$80

HTS-50 Earphones

3.3-ft cord with gold-plated mini plug. Features OFC wiring. Includes extra ear cushions and storage case.

FR 18-22,000 Hz; sens 104 dB; imp 16 ohms ... \$40

Pro Series

Pro-75 Headphones

9-ft cord with gold-plated phone plug. Features 1/4-in samarium-cobalt magnets; Mylar diaphragms; OFC wiring. FR 18-22,000 Hz; sens 104 dB; imp 32 ohms \$40

Pro-65 Headphones

9-ft cord with gold-plated phone plug. Features 1/4-in ferrite magnets; Mylar diaphragms; OFC wiring. FR 20-22,000 Hz; sens 102 dB; imp 32 ohms \$35

Pro-45 Open-Air Headphones

8-ft cord with gold-plated phone plug. Features 1/4-in samarium-cobalt magnets; Mylar diaphragms; OFC wiring. FR 18-22,000 Hz; sens 98 dB; imp 32 ohms \$25

SENNHEISER

HE/HEV90 Orpheus

Powered Electrostatic Headphone System

Electrostatic headphones and amp system. Features 400 V rms tube amp with built-in D/A converter; transformerless output design; honeycombed glass electrodes; aluminum tube covers; solid aluminum base. Frequency response 25-75,000 Hz; sensitivity 98 dB. System \$12,900
HE90 headphones \$6,450
HEV90 amplifier \$6,450

HE60/HEV70 Electrostatic Headphones

Push-pull design. Features polymer foil diaphragms; Pure Class A amplifier operation; MOSFET outputs; Alps potentiometer. Frequency response 12-65,000 Hz. 9.2 oz \$1,695

IS 850 Infrared Wireless Headphones

2 stereo channels. Features composite diaphragm. 6x oversampling Sigma/Delta A/D converters; optimized neodymium-ferrous magnets; optical Toslink, coaxial digital and gold RCA jacks. FR 10-20,000 Hz. 11.6 oz \$1,295
Additional BA90 battery \$9

AudioLink PLS 200

Infrared Wireless Headphones

2 stereo channels. Features auto on/off transmitter; AudioLink theater and auditorium infrared systems compatible. FR 30-18,000 Hz. 1.4 oz \$395
Additional headset \$245

IS 550 Infrared Wireless Headphones

2 stereo channels. Features interference resistance transmitter; adjustable right/left volume control; rechargeable Ni-Cd battery; ultra-high infrared transmission. FR 18-24,000 Hz. 6 oz \$349
Additional HD1550 headset \$249
Additional BA90 battery \$9

HD580 Headphones

Features circumaural design; composite diaphragm; open-back ear cup; triple wound aluminum voice-coils; computer optimized magnets. Velvet ear cushions. FR 12-38,000 Hz; sens 97 dB; imp 300 ohms. 9.2 oz \$349

AudioLink PLS 100 Wireless Headphones

Mono. Features spare rechargeable battery cells. FR 30-18,000 Hz. 1.2 oz \$280
Additional headset \$130

HD560 II Headphones

10-ft Kevlar-reinforced OFC signal cable with 1/8- to 1/4-in stereo phone plug. Features circumaural design; silk dome-damping; bass-tube tuning. Velvet ear cushions. FR 16-30,000 Hz; sens 94 dB; imp 300 ohms. 8.8 oz \$279

IS 450 Infrared Wireless Headphones

2 stereo channels. Features noise-free transmitter; auto on/off transmitter; rechargeable Ni-Cd battery. FR 20-20,000 Hz. 1.2 oz \$249
Additional HD1450 headset \$181

Additional BA90 battery \$9

HD250 II Studio Monitor Headphones

10-ft Kevlar-reinforced OFC signal cable with 1/8- to 1/4-in stereo phone plug. Features neodymium-ferrous magnets; radial-bead diaphragm; triple-wound aluminum voice-coils; field-replaceable parts; polycarbonate dome-damping. FR 10-25,000 Hz; sens 94 dB; imp 300 ohms. 8.9 oz \$239

HD540 II Circumaural Headphones

10-ft Kevlar-reinforced OFC signal cable. Features polycarbonate dome-damping; triple wound aluminum voice-coils. FR 16-25,000 Hz; sens 94 dB; imp 300 ohms. 8.8 oz \$199

HD520 II Circumaural Headphones

10-ft Kevlar-reinforced OFC signal cable with 1/8- to 1/4-in stereo phone plug. Features oval ear cups; neodymium-ferrous magnets; field-replaceable parts. FR 18-22,000 Hz; sens 94 dB; imp 300 ohms. 7.5 oz \$169

HD340 Supraural Headphones

Cable as above. Features triple-wound aluminum voice-coils; diffuse-field equalization. FR 16-23,000 Hz; sens 94 dB; imp 100 ohms. 4.2 oz \$149

HD 320 Supraural Headphones

Cable as above. Features neodymium-ferrous magnets; triple-wound copper voice-coils. Frequency response 18-21,000 Hz; sensitivity 94 dB; impedance 60 ohms. 4.2 oz \$99

HD440 II Supraural Headphones

Cable as above. Features radial-bead diaphragm; replaceable parts. FR 20-20,000 Hz; sens 94 dB; 60 ohms. 4.5 oz \$79

HD435 Supraural Headphones

Cable as above. Features triple wound voice coils. FR 22-20,000 Hz; sens 94 dB; imp 32 ohms. 4.2 oz \$59

HD56 Mini Headphones

Cable as above but 3-ft. Features neodymium-ferrous magnets. FR 20-20,000 Hz; sens 100 dB; imp 32 ohms. 2.5 oz \$39

HD36 Mini Headphones

Cable as above. Features triple wound aluminum voice-coils; single-sided cable routing. FR 50-18,000 Hz; sens 100 dB; imp 32 ohms. 2.2 oz \$29

HD16 Mini Headphones

Cable as above. Features radial-bead diaphragm. FR 50-17,000 Hz; sensitivity 100 dB; impedance 32 ohms. 2.1 oz \$19

SONY

UniMatch plug refers to a mini plug with a screw-on phone-plug adaptor.

MDR-D77 Headphones

4.9-ft linear-crystal OFC Litz cord, gold-plated UniMatch plug. Features 40-mm drivers; neodymium magnets. Folding headband; collagen-composite earpads. Includes carrying case. Power handling 1,000 mW; FR 5-30,000 Hz; sens 106 dB; imp 45 ohms. 4.9 oz \$230

MDR-IF610K Wireless Headphones

29-ft range. 30-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils; UniMatch plug. Surround/normal switch; folding headband. Includes 12 LED transmitter and rechargeable battery. FR 18-22,000 Hz. 13 oz \$200

MDR-D55 Headphones

4.9-ft linear-crystal OFC Litz cord, gold-plated UniMatch plug. Features 30-mm drivers; neodymium magnets. Folding headband. Includes carrying case. Power handling 500 mW; frequency response 10-25,000 Hz; sensitivity 104 dB; impedance 45 ohms. 4.2 oz \$180

MDR-IF410K Wireless Headphones

23-ft range. Features 30-mm drivers. Dual signal inputs. Includes AC adaptor; mini-to-phone plug adaptor; mini-to-phono plug adaptor. FR 18-22,000 Hz. 5.6 oz without 2 AA batteries \$150

MDR-E575 Earphones

3.9-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 16-mm drivers. Power handling 0.05 W; FR 8-26,000 Hz; sens 108 dB; imp 18 ohms. 0.2 oz \$50

MDR-E565 Earphones

4-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 16-mm drivers; copper-clad aluminum wire voice coils. Power handling 0.05 W; FR 10-26,000 Hz; sens 108 dB; imp 18 ohms. 0.2 oz without cord \$40

MDR-E747 Earphones

3.9-ft OFC Litz cord with gold-plated mini plug; gold-plated plug. 16-mm drivers; neodymium magnets. Includes carrying case. Power handling 100 mW; FR 10-23,000 Hz; sensitivity 108 dB; impedance 16 ohms. 0.2 oz \$30

MDR-A12L Earphones

3.9-ft OFC cord with gold-plated mini plug. 13-mm drivers; samarium-cobalt magnets; copper-clad aluminum wire voice coils. Folding headband. Power handling 50 mW; FR 12-22,000 Hz; sens 104 dB; imp 16 ohms. 0.7 oz without cord \$20

MDR-E535 Earphones

3.6-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 13.5-mm drivers; samarium-cobalt magnets; copper-clad aluminum wire voice coils. Power handling 50 mW; Frequency response 16-22,000 Hz; sensitivity 104 dB; impedance 16 ohms. 0.18 oz \$20

MDR-CD10 Headphones

3.6-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 13.5-mm drivers; samarium-cobalt magnets; copper-clad aluminum wire voice coils. Power handling 50 mW; FR 16-22,000 Hz; sens 104 dB; imp 16 ohms. 0.18 oz \$20

Digital Reference System

MDR-CD3000 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Collagen-composite earpads. Power handling 1,000 mW; FR 20-20,000 Hz; sens 104 dB; imp 32 ohms. 14 oz without cord \$650

MDR-CD1000 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Collagen-composite earpads. Power handling 1,000 mW; FR 20-20,000 Hz; sens 104 dB; imp 32 ohms. 10.5 oz without cord \$330

MDR-CD950 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms. 10.5 oz without cord \$280

MDR-CD750 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 40-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 45 ohms. 10.2 oz without cord \$230

MDR-CD850 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 1,000 mW; frequency response 20-20,000 Hz; sensitivity 102 dB; impedance 32 ohms. 10.5 oz without cord \$200

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H E A D P H O N E S

MDR-D33 Headphones

4.9-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Folding headband. Power handling 500 mW; frequency response 10-25,000 Hz; sensitivity 104 dB; impedance 45 ohms. 4.2 oz\$130

MDR-CD550 Headphones

9.8-ft cord with gold-plated UniMatch plug. 40-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 500 mW; frequency response 20-20,000 Hz; sensitivity 100 dB; impedance 45 ohms. 9.5 oz without cord\$110



Stanton DJPRO 1000

MDR-CD450 Headphones

9.8-ft cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 24 ohms. 9.1 oz without cord\$90

MDR-CD350 Headphones

9.8-ft cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad aluminum wire voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 24 ohms. 6.7 oz without cord\$70

MDR-CD250 Headphones

9.8-ft OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers; copper-clad aluminum wire voice coils. Power handling 500 mW; frequency response 20-20,000 Hz; sensitivity 98 dB; impedance 24 ohms. 7 oz without cord\$50

MDR-CD50 Headphones

6.6-ft cord with gold-plated UniMatch plug. 23-mm drivers; copper-clad aluminum wire voice coils. Power handling 500 mW; frequency response 20-20,000 Hz; sens 96 dB; impedance 18 ohms. 7 oz without cord\$40

MDR-CD30 Headphones

6-ft cord with gold-plated UniMatch plug. 23-mm drivers. Power handling 100 mW; FR 20-20,000 Hz; sensitivity 96 dB; impedance 32 ohms. 7 oz without cord\$30

STANTON

SRS-275 Headphones

Features semi-open-air design. Frequency response 5-22,000 Hz; sensitivity 101 dB/mW; impedance 100 ohms. 8.6 oz\$192

SRS-265 Headphones

FR 5-22,000 Hz; sensitivity 96 dB/mW; impedance 100 ohms. 8.6 oz\$162

SRS-225 Headphones

Semi-closed design. Frequency response 10-22,000 Hz; sensitivity 94 dB/mW; impedance 100 ohms/ch. 8.6 oz\$96

DJ PRO 1000 Headphones

10-ft cord with gold-plated phone plug\$90

ST-Surround Headphones

Phone plug. FR 20-20,000 Hz; sensitivity 103 dB/mW; impedance 32 ohms stereo, 50 ohms surround. 9.8 oz\$84

SRS-215 Headphones

10-ft cord with mini plug. Semi-closed design. Includes adaptor plug. FR 20-20,000 Hz; imp 50 ohms/ch\$72

ST-5 Headphones

FR 20-20,000 Hz; sens 100 dB/mW; imp 35 ohms/ch. 8.8 oz\$72

ST-2 Headphones

FR 20-22,000 Hz; sens 100 dB/mW; imp 32 ohms. 5 oz with adaptor plug\$36

LS-1 Headphones

Includes mini and phone-plug adaptors. FR 20-20,000 Hz; sensitivity 92 dB; impedance 32 ohms. 1 oz\$17.95

TECHNICS

RP-F30 Headphones

OFC cord. Features 1 1/4-in woofer and 1/2-in tweeter per cup; neodymium magnets. Frequency response 2-30,000 Hz\$290

RP-F20 Headphones

OFC cord. Features 1 1/4-in drivers; neodymium magnets. FR 3-30,000 Hz\$230

RP-F10 Headphones

OFC cord. Features 1 1/4-in drivers. Features neodymium magnets. FR 4-30,000 Hz\$190

RP-F12 Headphones

10-ft OFC cord. Features 1 1/4-in drivers; neodymium magnets. FR 5-30,000 Hz\$160

RP-HT116 Headphones

10-ft OFC cord. Features neodymium magnets. FR 7-28,000 Hz\$90

RP-HT86 Headphones

10-ft OFC cord. Features 1 1/4-in drivers. Urethane leather head pad. FR 8-28,000 Hz\$60

RP-HT77 Headphones

10-ft OFC cord. Features 1 1/4-in drivers. FR 10-27,000 Hz\$50



Technics RP-HT116

ALON

Black Orpheus Speaker Cable

Features discrete conductors with 13-gauge silver-clad OFC coaxial conductor for bass and 13-gauge silver-clad OFC and OFC stranded uniaxial construction for midrange and high frequencies; gold-plated spade connectors. 10-ft triwire set \$550
10-ft biwire set \$400

ALPHA REFERENCE

Reference Coaxial Digital Cable

Features 4,000-MHz bandwidth; polarity coding. BNC or RCA plugs. Lifetime warranty. Black or white. 1 m \$299

AMERICAN HYBRID TECHNOLOGY

Ultra Resolution Speaker Cable. 4 pieces. 10 ft \$300
Ultra Resolution Digital Link. 1 m \$200

B Squared Twin Balanced Interconnect Cable

The following feature a copper conductor and Neutrik XLR connectors. Prices are per pair. Custom lengths are available.

30 ft	\$1,050
25 ft	\$930
20 ft	\$810
15 ft	\$690
10 ft	\$570
2.5 m	\$470
2 m	\$430
1.5 m	\$390
1 m	\$350

Ultra Resolution Interconnect Cable

The following feature WBT RCA connectors.

30 ft	\$670
25 ft	\$610
20 ft	\$550
15 ft	\$490
10 ft	\$430
2.5 m	\$410
2 m	\$390
1.5 m	\$370
1 m	\$350

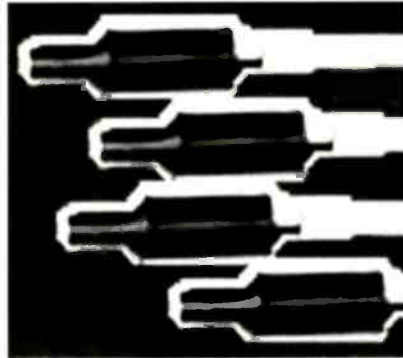
APATURE

Speaker Cable

J Twin. Twin Accusound silver. Choice of connectors. 15 ft	\$470
10 ft	\$320
6 ft	\$200
Bulk spool, 100 ft	\$15/ft
JJ Twin. Accusound BL-4 silver. Choice of connectors. 15 ft	\$220
10 ft	\$160
6 ft	\$100
Bulk spool, 100 ft	\$7/ft
SS Twin. Twin silver strand Teflon. 15 ft	\$198
10 ft	\$138
6 ft	\$90
Bulk spool, 100 ft	\$6/ft
I. BL-2 solid-core OFC. 15 ft	\$70
10 ft	\$50
6 ft	\$35
Bulk spool, 250 ft	\$2/ft
TM-PRO. 12 gauge. 880 strands; OFC. 500 ft	\$1.50/ft
L. 12 gauge. 500 ft	\$1/ft
TM-12. 12 gauge. 250 ft	\$0.79/ft
M. 16 gauge. 500 ft	\$0.60/ft
N. 18 gauge. 1,000 ft	\$0.30/ft
EE. UL Class 3. 12 gauge. Foot markers; shield. 250 ft	\$1.50/ft
F. UL Class 3. 16 gauge. Foot markers. 500 ft	\$1.50/ft
O4. UL Series 3. 16 or 18 gauge. Balanced line with twin shield. 500 ft	\$1.50/ft
E. UL Class 3. 16 gauge. Foot markers. 1,000 ft	\$0.75/ft

Interconnect Cable

JJ. Accusound silver BL-4. 6-ft pr \$90



3-ft pr	\$70
1½-ft pr	\$60
Bulk spool, 100 ft	\$4/ft
SS. Silver strand Teflon. 6-ft pr	\$75
3-ft pr	\$60
1½-ft pr	\$50
Bulk spool, 100 ft	\$3/ft
I. Black Beauty BL-2 balanced line. 6-ft pr	\$60
3-ft pr	\$50
1½-ft pr	\$40
Bulk spool, 100 ft	\$2/ft
HD. OFC copper. Gray. 6-ft pr	\$50
3 ft	\$40
1½ ft	\$35
GT. Triwiring ribbon. 10-ft pr	\$30
6 ft	\$25
G. Poly dielectric insulation. Clear. 6-ft pr	\$30
3 ft	\$25
1½ ft	\$20
GG. Low capacitance. 16½-ft pr	\$20
12½-ft pr	\$15.95
10-ft pr	\$14.95
6-ft pr	\$11.95
3-ft pr	\$9.95
1½-ft pr	\$7.99

Gold-Plated Speaker Connectors

Model 7. Gold S-less dual banana. Clear	\$10
2pk	\$20
Model 5. Gold S-less banana plug	\$4
4 pk	\$15
Model 6. Gold S-less spade	\$4
4 pk	\$15
Model 4. Gold S-less pin	\$2.50
4 pk	\$10
Model 2. Gold crimp banana with insulator	\$2
8 pk	\$16
Model 3. Gold crimp spade with insulator	\$1
8 pk	\$8
Model 1. Gold crimp pin with insulator	\$1
8 pk	\$8

Gold-Plated RCA Connectors

Model 40. Teflon connector. 6 or 8 mm	\$10
4 pk	\$40
Model 29. Gold Y adaptor. 1 plug to 2 jacks	\$10
Model 18. Right-angle adaptor	\$5
2 pk	\$12
V. Adaptor. RCA to F	\$5
2 pk	\$10
Model 9. 5- or 6-mm gold	\$2.50
4 pk	\$10
DF. 2 RCA jacks	\$2.50
2 pk	\$6
Model 31. 6-mm jack	\$2.50
4 pk	\$10
X. Gold F connector. 2 pk	\$2
4 pk	\$3

ASM LABS

Mongoose Fiber-Optic Interconnect System

Transmitter and receiver for fiber-optic signal transmission. Transmitter plugs into analog line-level RCA output of source component and converts signal to digital fiber-optic; receiver plugs into analog line-level RCA input of amplifier/preamplifier component and

converts signal back to analog. Features separate linear power supplies for transmitter and receiver. Max input voltage 4.2 V; dynamic range 115 dB; bandwidth 300,000 Hz at -3 dB \$649

Cobra Ultra Fiber-Optic Cable

Designed for use with Mongoose fiber-optic interconnect system. Features twin leads paired and matched to 0.01-dB signal strength. Available in length of 1 m, 5 m, 10 m, or longer custom length. 1 m \$175
Each additional meter \$15
Cobra Standard. As Cobra Ultra, leads paired and matched to within 0.3 dB signal strength. 1 m \$125
Each additional meter \$10

AUDIENCE

Konductor Interconnect Cable

24-karat gold-plated connectors; low sens to RFI and EMI. Other lengths available. Quasi-balanced 1 m pr \$232
Balanced 1-m pr of above \$152

Konductor Speaker Cable

24-karat gold-plated solid-copper spade plugs. Custom terminations available. \$45/pr preparation fee \$9/ft

AUDIO INSURGENTS

ByteRight V 4.1 Coaxial Digital Cable

Features solid-copper center conductor and braided shield; Teflon dielectric; Canare connectors. 75 ohms. 1 m \$229
Each additional meter \$70

Congenial V4.2 Speaker Cable

Features stranded- and solid-core copper conductors; gold-plated Mogami spade connectors. 6-ft pr \$200
Each additional ft \$10

Phi Beta V 3.5 Interconnect Cable

Features shielding; stranded- and solid-core copper conductors; Canare connectors. 1 m \$159
Each additional meter \$50

ByteRight V 3.1 Coaxial Digital Cable

Features stranded-copper center conductor and braided shield; Teflon dielectric and outer jacket; Mogami connectors. 75 ohms. 1 m \$129
Each additional meter \$40
ByteRight V 2.1. As above, without Teflon dielectric or outer jacket. 1 m \$60
Each additional meter \$18

AUDIO NOTE

AN-P. Solid-silver RCA plugs. Set	\$200
XLR. Balanced-XLR connectors. Set	\$200
BNC. BNC terminations. Set	\$150

Pure Silver Interconnect Cable

AN-VX. 2 m	\$1,600/pr
1.5 m	\$1,300/pr
1 m	\$900/pr
0.5 m	\$550/pr

AN-V. 2 m	\$550/pr
1.5 m	\$475/pr
1 m	\$300/pr
0.5 m	\$200/pr

Pure Silver Speaker Cable

AN-SP. ¼-in diameter. Features multiple-coated Litz design. Gray \$175/ft
AN-SPX. ¼-in diameter. Features multiple-coated Litz design. Gray \$75/ft
Silver spade connectors for either of above. Set \$75

Pure Copper Interconnect Cable

AN-C. 2 m	\$150/pr
1.5 m	\$125/pr
1 m	\$100/pr
0.5 m	\$70/pr

C A B L E S & C O N N E C T O R S

AN-A. 2 m	.....\$70/pr
1.5 m	.....\$60/pr
1 m	.....\$50/pr
0.5 m	.....\$40/pr

Pure Copper Speaker Cable

AN-L. 1/4-in diameter. Features multiple-coated Litz design. Blue	.....\$15/ft
AN-D. 1/2-in diameter. Features dual conductors. Green	.....\$5/ft
Gold banana connectors for either of above. Set	\$50

AUDIO POWER INDUSTRIES

Power Link AC Power Cord

With 3-prong plug. Features silver-plated mil-spec wire; all-Teflon insulation. Available in 11 or 13 gauge in 4-, 6-, or 8-ft standard length or custom length. 13 gauge, 4 ft\$139

AUDIOQUEST

Mini Adaptor Z. Y adaptor. 2 RCA connectors to 1 stereo mini plug with 1-m Teflon/FPC-6 copper cable	.....\$98
Mini Adaptor X. Y adaptor. 2 RCA connectors to 1 stereo mini plug with 1-m Teflon/LGC copper cable	.....\$49

Jumper Cables. Designed to replace pre-out/main-in loop cable. Features FPS silver and Teflon\$35

Analog Interconnect Cable

Each of the following is available in 1/2-m increments. All prices are for one meter pair.

Diamond X 3. Teflon air-Hyperlitz conductors; FPS silver. XLR connectors	.....\$925
Diamond X 2. As Diamond X 3. RCA connectors	.....\$650
Lapis. Triple balanced Hyperlitz. FPS silver; Teflon	.....\$495
Emerald. Triple balanced Air-Hyperlitz. Teflon; FPC-6	.....\$345
Opal. Triple balanced Air-Hyperlitz. Polypropylene; FPC-6	.....\$235
Quartz. Triple balanced. Solid FPC-6; polypropylene	.....\$160
Ruby. Double balanced. Solid FPC copper; polypropylene	.....\$98
Topaz. Double balanced. Polypropylene; solid LGC	.....\$60
Turquoise. Double balanced design. Solid LGC; CL-3 rating	.....\$39
Jade. Symmetrical coaxial. Solid LGC; CL-3 rating	.....\$25

Coaxial Digital Cables

Each is available in 1/2-meter increments with RCA or BNC connector. Prices are for 1 meter.

AES/EBU Diamond X 3. Triple balanced. Solid FPS silver	.....\$465
AES/EBU Lapis X 3. Triple balanced. Solid FPS silver	.....\$250
AES/EBU Emerald X 3. Triple balanced. Solid FPC-6	.....\$175
Digital/Video Pro. Double balanced. Solid FPS silver	.....\$150
Digital/Video Z. Double balanced. Solid FPC-6 copper	.....\$79
Digital/Video X. Double balanced. Solid LGC copper	.....\$39

Fiber-Optic Digital Cables

Each is available in a length of 1, 2, 3, 6, 9, or 12 m. Prices are for 1 meter.

OptiLink Pro 2. AT&T ST connector. Ceramic plugs	.....\$295
OptiLink Z. Toslink. Blue	.....\$195
OptiLink Pro 1. AT&T ST connector. 500 MHz	.....\$165
OptiLink X. Toslink. Burgundy	.....\$95

Tonearm Cable

Prices are for 4 ft.

Lapis+	.....\$250
Emerald	.....\$175
Z	.....\$95

Speaker Cables and Connectors

Cables are available with choice of connector.

Dragon. 16-conductor Hyperlitz. Pure long-grain FPS silver. \$95/pr prep fee	.....\$165/ft
Sterling. 16-conductor Hyperlitz. FPS silver/FPC-6 copper. \$95/pr prep fee	.....\$95/ft
Clear. 16-conductor Hyperlitz. FPC-6 copper. \$95/pr prep fee	.....\$60/ft
Argent. 8-conductor Hyperlitz. FPS silver/FPC-6 copper. \$75/pr prep fee	.....\$40/ft
Cobalt. 12-conductor Hyperlitz. FPC-6/FPC copper. \$75/pr prep fee	.....\$25/ft
Midnight. 16-conductor Hyperlitz. FPC copper. \$75/pr prep fee	.....\$12.50/ft
Crystal. 12-conductor Hyperlitz. FPC/LGC copper. \$75/pr prep fee	.....\$7.50/ft
Indigo. 8-conductor Hyperlitz. FPC/LGC copper. \$75/pr prep fee	.....\$4.50/ft

Model 1002. Banana plug. 4 pk	.....\$16
Model 2002. Double banana plug. 2 pk	.....\$35

Type 6. 6-conductor Hyperlitz. LGC copper. \$50/pr preparation fee	.....\$3.25/ft
Type 4. 4-conductor Hyperlitz. LGC copper. \$45/pr preparation fee	.....\$2.25/ft
Type 2. 4-conductor Hyperlitz. LGC copper	.....\$1.25/ft

F-18. Flat. LGC copper. Brown or white	.....\$1.90/ft
F-14. Flat. LGC copper. Blue or white	.....\$0.95/ft

AUDIOSTREAM

FMS-Gold Interconnect Cable

Features 4 tubular conductors; helical spiral; OFC. 5-ft pr	.....\$129
3-ft pr	.....\$99

Twinax Interconnect Cable

Features two tubular conductors; helical spiral; OFC. 5-ft pr	.....\$69
3-ft pr	.....\$49

MicroLine Interconnect Cable

Features coaxial double-shielded OFC design. 20 ft	.....\$59
3 ft	.....\$39

AS-400G. Gold RCA plug	.....\$5
AS-500G. Gold banana plug	.....\$4

Speaker Cable

FMS-Black Speaker Cable

Features six tubular conductors; helical spiral; OFC. 12-ft biwire set	.....\$259
20-ft pr	.....\$229
12-ft pr	.....\$139

TimeLine TL-6 Speaker Cable

Features 6 helical spiral conductors; OFC	.....\$2.40/ft
TL-4. 4 conductors	.....\$1.20/ft
TL-2. 2 conductors	.....\$0.60/ft

MC-10 Speaker Cable

Designed for in-wall installations. Features helical spiral; OFC; CM rating. 10 conductors	.....\$2/ft
MC-4. 4 conductors	.....\$1/ft
MC-2. 2 conductors	.....\$0.50/ft

UltraLine AC-50 Speaker Cable

Features parallel conductors; oxygen-free copper. Webbed	.....\$0.99/ft
AC-10. As above	.....\$0.69/ft
AC-7. Not webbed	.....\$0.39/ft

BATON

Series 800 Speaker Cable

Features with choice of spade connectors or WBT banana plugs. 6 1/2 ft pr	.....\$675
Each additional ft pr	.....\$100

Series 900 Speaker Cable

Shielded. WBT and RCA plugs. XLR plugs optional. Per m pr	.....\$495
Each additional 1/2-m pr	.....\$100

Digital Interface Cable. XLR type\$248

BEL

S24 Speaker Cable

8 gauge with copper spade lugs. 3-m pr	.....\$615
S12. 11 gauge, 3-m pr	.....\$365

P1 Interconnect Cable

With Neutrik RCA plugs. 10-m pr	.....\$376
1-m pr	.....\$150

BRYSTON

Interconnect Cable

Available in RCA-to-RCA, RCA-to-XLR, and XLR-to-XLR balanced versions. Gold-plated connectors.

2-m pr	.....\$129
1-m pr	.....\$99
1/2-m pr	.....\$89
Each additional meter	.....\$30

CAMELOT TECHNOLOGY

Sir Tristan. Speaker cable available in bulk quantities. 15 ft	.....\$265
10 ft	.....\$185
8 ft	.....\$150
Excalibur Series II. Digital interface cable	.....\$125
Sir Galahad. Interconnect cable available in bulk quantities. 6 ft	.....\$115
3 ft	.....\$85
RCA Plugs	.....\$8/pr

CARDAS

Speaker Cable

Hexlink Golden 5C. 10-ft pr	.....\$1360
Hexlink. 10-ft pr	.....\$895
Quadlink-Five. 10-ft pr	.....\$409
Twinlink-A. 10-ft pr	.....\$235

Interconnect Cable

Cardas Golden Cross. 1-m pr	.....\$750
Cardas Cross. 1-m pr	.....\$398
Quadlink-Five. 1-m pr	.....\$209
300b Microtwin. 1-m pr	.....\$115

CELLO

Cello String III Speaker Cable

Features two Litz wire conductors separated by a 0.2-in web. Sold in group of 6 with trl wiring harness. 6 meters	.....\$3,600
3 meters	.....\$1,800

Cello String II Speaker Cable

Red or black. Sold in groups of 6 with tri wiring harness. 9 meters	.....\$850
6 m	.....\$600
3 m	.....\$460

Cello String I Interconnect Cable

Designed for balanced connections. Features 3-conductor shielded design; OFC Litz wire in Teflon jacket. 2 meters with Fischer connector on each end	.....\$596
2 m with Fischer connector on one end, XLR connector on other	.....\$542
2 m with Fischer connector on one end, RCA connector on other	.....\$516
2 m with XLR connector on each end	.....\$488
2 m with XLR connector on one end, RCA connector on other	.....\$464
2 m with RCA connector on each end	.....\$440

CHORD

Interconnect Cables

PP4G. 4 gold RCA to 4 gold RCA	.....\$146
MONG. Gold RCA to gold RCA pair	.....\$113
X54PG. 5 pin DIN to 4 gold RCA	.....\$110

C A B L E S & C O N N E C T O R S

2NPG. 2 BNC to 2 gold RCA	\$103
PP2G. 2 gold RCA to 2 gold RCA	\$96
X32PG. 5 pin DIN to 2 gold RCA	\$87
X42PG. 4 pin DIN to 2 gold RCA	\$87
X32J. 5 pin DIN to 2 gold mini	\$87

DB SYSTEMS

DBP-12X. Dual interconnect cable with DBP-13PX plugs. Custom lengths or DBP-13P plugs available. 10 m	\$126
DBP-12X/1m. As above, 1 m	\$89
DBP-15. Gold-plated Y adaptor. One RCA plug to 2 RCA jacks. 4 in. 2 pk	\$12.95
DBP-14. Gold-plated spade lugs for 10- to 12-gauge wire. Solder or crimp connect. 8 pk	\$5.95

Gold-Plated RCA Connectors

DBP-13PX. Plug with 5-piece construction, Teflon dielectric, and ground compression ring for strain relief. For cable up to 1/4-in thick. 2 pk	\$35
DBP-13PM. Shielded plug with gold-plated brass cap. 8 pk	\$30
DBP-13P. Plug with ebony-hydrocarbon cap. 8 pk	\$17.95
DBP-13JR. Solid-brass jack for rear of panel mounting in 3/8-in hole. Includes mounting hardware; gold-plated hardware available. 8 pk	\$30
DBP-13J. As above, for front of panel mounting in 1/4-in hole. Gold-plated hardware not available	\$15.95
DBP-13JC. Ferrous jack with ceramic insulators. 8 pk	\$15.95

Banana Plugs

DBP-9P. Double banana plugs. Gold-plated with set-screw security. 2 pk	\$17.95
DBP-9J. Gold-plated 5-way dual binding posts. 30 amperes. 2 pk	\$17.95
DBP-9. Nickel-plated solderless design for up to 12-gauge wire. 8 pk	\$13.95
DBP-9AU. As above, gold plated	\$25
DBP-9H. Handles for either of the above. 8 pk	\$3.50

DPA DIGITAL

All cables are available unterminated.

Speaker Cable Black Sixteen

Features sixteen 0.6-mm silver-plated solid-copper

cores per conductor with Gore-Tex dielectric; multiple-winding construction with both conductors bound with thick wall of Gore-Tex; optimized screening braid; high-gloss black polyurethane sheath. 16.5 x 9.5-mm diameter

\$168/m

IS19

Nineteen 0.4-mm silver-plated oxygen-free solid-copper cores insulated with solderable enamel; polypropylene dielectric with PVC jacket. 10-mm diameter

\$54/m

IS7

Seven 0.4-mm silver-plated oxygen-free solid-copper cores with solderable enamel isolating each core; modified-polyethylene dielectric; optimized screening braid

\$27/m

Interconnect Cable

Black Slink

Features eight 0.4-mm silver-plated solid-copper cores per conductor with Gore-Tex dielectric; multiple-winding construction with both conductors bound with thick wall of Gore-Tex; optimized screening braid; high-gloss black polyurethane sheath. 8.5-mm diameter

\$105/m

White Slink

Seven 0.4-mm silver-plated oxygen-free solid-copper cores with solderable enamel isolating each core; modified-polyethylene dielectric; optimized screening braid

\$27/m

Slink. 4 silver-plated oxygen-free solid-copper cores. Unshielded

\$12/m

GENEVA

PF-836. Banana plugs. Gold plating. 4 pk ..	\$13.99
PF-838. Spade lugs. 8 pk	\$12.99
PF-839. Pin terminals. 8 pk	\$12.99
PF-837. Double banana plugs. Gold plating. 2 pk	\$12
PF-825. RCA interconnect cable. 2-m pr	\$4.99
PF-820. RCA interconnect cable. 1-m pr	\$3.99
PF-860. Jack to mini-plug	\$2.99

Performance Series Speaker Cable

The following feature 12 individually isolated solid-core conductors of 99.99% OFC, DuPont-polyolefin insulation, gold-plated pin terminals, and direction ar-

rows. Spools include unattached connectors.

PF-829. 250-ft spool	\$1,250
PF-832. 12-ft pr	\$145
PF-831. 9 ft pr	\$115
PF-827. 20-ft spool	\$100
PF-830. 6 ft pr	\$85

Performance Series Interconnect Cable

The following are 11 gauge and feature 99.99%-pure OFC, DuPont-polyolefin and Teflon insulators. 100% copper-braided shield, color-coded RCA connectors, and a reusable static-shield pouch. Custom lengths are available.

PF-810. 2-m pr	\$100
PF-805. 201-m pr	\$60
PF-800. 0.5-m pr	\$46

GRYPHON

PSC Gold Speaker Cable

Features planar solid conductors of continuously cast unstressed silver; gold plating; silver connector solder. Per m pr

\$1,200

Gold-plated copper spade connector

\$.25

Guideline II Interconnect Cable

Features hand-crafted design with 99.999% pure silver; multiple insulation layers. Per m pr

\$500

WBT or Neutrik XLR connector

\$.50

ICHOR

Speaker Cable. With spade connectors. Features proprietary composition; shielding; hand crafting. 5 ft pr

\$430

Additional ft pr

\$.80

Interconnect. With silver-plated RCA connectors. Features shielding; hand crafting. 1 m pr

\$399

Additional m pr

\$149

Power Cord. Features hand crafting; proprietary composition

\$250

Digital Interconnect. With silver-plated RCA connectors. Designed for CD transport connection to D/A converter. Features proprietary composition

\$225

J.A. MICHELL

Big Mother 5-Way Binding Post

For cable up to 7.5 gauge. Rhodium-plated ma-



See next page... See next page... See next page... See next page...

 KIMBER KABLE

C A B L E S & C O N N E C T O R S

chined brass; knurled knob; 1-in threaded shaft for cabinets up to 3/4-in thick. Color coding. Available gold or rhodium plated. 4 pk\$50
Gold plated\$44

Sure-Loc Banana Plug

For cable up to 7.5 gauge. Rhodium-plated machined brass; expanding pin; piston strand compression; knurled knob. Stackable. Color coded. 4 pk \$44
Gold plated\$40

Gold-Plated Banana Plug

For cable up to 7.5 gauge. Machined brass; piston for strand compression; knurled knob. Stackable. Color coding. 4 pk\$35

Gold-Plated Amp Terminal

For cable up to 10 gauge. Machined gold-plated brass. Color coded. Includes washers, solder lug, and nuts. 4 pk\$32

Gold-Plated Clip Adaptor Plug

To use 10-gauge cable with push terminals. Color coded. 4 pk\$28

JASCO

HE8114. 25-ft coiled phone-plug to phone-jack cable\$14.49

Speaker Cable

HE8882. Speaker cable with pure-copper stranding and PVC insulation. 50 ft\$36

HE8881. As above, 20 ft\$15.59

HE8883. 14-gauge speaker cable for units rated up to 100 W. 25 ft\$12.95

HE8174. Shielded cable with 2 RCA plugs at each end. With 2 RCA-jack to RCA-jack extension adaptors. 15 ft\$9.29

HE8173. As above, 6 ft\$7.79

HE8885. 18-gauge speaker cable. Polarized. 50 ft\$8.69

HE8886. 24-gauge speaker cable. Polarized. 60 ft\$3.89

HE8880 Speaker Cable

10 gauge. With RCA plugs. For equipment rated to 50 W. Includes RCA-jack to RCA-jack extension. 20 ft\$9.29

Interconnect Cable

HE8174. Shielded cable with 2 RCA plugs at each end. With 2 RCA-jack to RCA-jack extension adaptors. 15 ft\$9.29

HE8173. As above, 6 ft\$7.79

HE8171. Shielded RCA-plug to RCA-plug cable. With RCA-jack to RCA-jack adaptor. 15 ft\$5.59

HE8172. As above, 6 ft\$4.99

Adaptors

HE8014 Headphone Adaptor Kit

Includes phone-plug to mini-plug adaptor, mini-plug to phone-plug adaptor, and stereo mini-plug to mono mini-plug adaptors\$6.99

HE8017. Y adaptor. RCA plug to two RCA plugs. 6 ft\$4.95

HE8016. Y adaptor. Mini plug to two RCA plugs. 6 ft\$4.59

HE8015. Y adaptor. RCA plug to two RCA jacks\$2.59

HE8013. Adapts mini plug to phone plug\$2.39

JVC

KN700PRO Series Fiber-Optic Cable

Features 3-layer protective structure, 24-karat gold-plated center connector pin.

KN720PRO. 2 m\$150

KN710PRO. 1 m\$120

KN705PRO. 0.5 m\$100

CN700PRO Series Interconnect Cable

Features Class 1 LC-OFC for conductors and plugs; dual-construction insulation structure; 192-strand braided shield; 24-karat gold-plated connectors.

CN720PRO. 2 m\$110

CN710PRO. 1 m\$100

CN705PRO. 0.5 m\$90

VX700PRO Series Coaxial Interconnect Cable

75 ohms. Features Class 1 LC-OFC for conductors and plugs; dual-construction insulation structure; 192-strand braided shield; 24-karat gold-plated connectors.

VX720PRO. 2 m\$70

VX710PRO. 1 m\$60

VX705PRO. 0.5 m\$50

VX100HG Series Coaxial Interconnect Cable

75 ohms. Features LC-OFC with 99.996% purity; 24-karat gold-plated connectors.

VX150HG. 5 m\$60

VX130HG. 3 m\$50

VX120HG. 2 m\$45

VX110HG. 1 m\$40

VX105HG. 0.5 m\$35

VX400HG Series Interconnect Cable

Features LC-OFC with 99.996% purity; 24-karat gold-plated connectors.

VX420HG. 2 m\$50

VX410HG. 1 m\$45

CN600HG Series Interconnect Cable

Features LC-OFC with 99.996% purity; 24-karat gold-plated connectors.

CN650HG. 5 m\$50

CN610HG. 1 m\$30

XN100HF Series Fiber-Optic Cable

XN120HF. 2 m\$25

XN110HF. 1 m\$20

KIMBER KABLE

Speaker Cable

Reference Series Model #88

4 or 8 gauge. Features proprietary magnetic diffusing; solid core silver conductors; mechanical and magnetic damping. Custom lengths available. Per 8-ft pair\$15,000

Model 8 AG. Pure silver; 16 conductors\$180/ft

Model 4 AG. Pure silver; 8 conductors\$100/ft

Model 8 TC. Copper; 16 conductors\$8.60/ft

Model 4 TC. Copper; 8 conductors\$4.60/ft

Model 8 VS. 16 conductors\$3.60/ft

Model 4 VS. 8 conductors\$2.20/ft

Model 8 PR. Premium copper\$1.60/ft

Model 4 PR. As Model 8PR, smaller braid geometry\$1/ft

Interconnect Cable

KCTG Silver Series. Braided pure silver with proprietary Varistrand geometry. Ultraconnect phono or XLR connectors\$650/m

KCAG Silver Series. As above, smaller braid geometry\$350/m

KC1. Unshielded version of above; copper conductor with 3-wire braided Varistrand geometry. Ultraconnect phono or XLR connectors\$76/m

PowerKord Power Cable

For AC. Features braided design geometry; hospital-grade connectors; angled or straight plug; IEC or direct chassis connection. Custom lengths available.

10 ft\$175

8 ft\$155

6 ft\$135

4 ft\$115

Digital Interconnect Cable

AGDL Silver Series. Pure silver. RCA or XLR connectors. \$25 prep fee/pr\$150/m

Fiber Optilink. Toslink fiber-optic cable. Thermal isolation jacket. 1-m pr\$50

0.5-m pr\$40

Connectors

Kimber Phono Connectors. Constant dynamic pressure connectors. UltraPlate alloy for high conductivity. Phono plugs or chassis jacks\$25/pr

PostMaster. Patented spade connector said to increase surface conductivity between speaker wire and 5-way binding posts. Available in 0.25- or 0.33-in sizes\$20/pr

LAT INTERNATIONAL

AC-1 Power Cord

10 gauge. Features silver-clad conductors; Teflon insulation. 3-prong IEC jack; 2-prong hospital-grade plug with reversible polarity. 6 ft\$59
Each additional ft\$6

Speaker Cable

SS-1000 Speaker Cable

10 gauge. Features silver-clad conductors; Teflon polypropylene-filled insulation with Mylar barrier. With choice of gold-plated connectors. Custom length available. 20-ft pr\$300
5-ft pr\$269

SS-750 Speaker Cable

Features coaxial design with one conductor surrounding the other with insulation between them. With choice of gold-plated connectors. Custom length available. 20-ft pr\$265
5-ft pr\$180

SS-15. 10 gauge. 413 OFC strands per conductor\$1.40/ft

SS-10. 12 gauge. 2-conductor flat design\$0.74/ft

SS-40 Speaker Cable

16 gauge. Designed for multiroom or other applications requiring long lengths. Features 2-conductor spiraled design; Teflon insulation\$0.65/ft

Interconnect Cable

IC-100 Interconnect Cable

Features 2 silver-clad conductors encased in silver-clad braided shield; Teflon-dielectric insulation; solid-brass gold-plated RCA connectors. Available with XLR connectors. Custom length available. Price per pr\$79/m
IC-200. As above, proprietary design. Per pr \$139/m

IC-75 Interconnect Cable

Features coaxial design with one conductor surrounding the other with insulation between them. Custom lengths available. Per pr\$59/m

DI-10 Coaxial Digital Cable

Features silver-clad center conductor and two silver-clad braided shields around coaxial insulator. RCA connectors. Custom length available\$49/m
DI-20. As above, proprietary design\$69/m

IC-50 Interconnect Cable

OFC copper; braid and foil double shielding; gold-plated connectors. Custom length available. Price per pr\$25/m

IC-25 Interconnect Cable

Designed for long-length applications. Features copper conductors; braided shield; polyethylene insulation. \$25 plus\$1.50/ft

LINN

K600. Speaker cable with connectors for triwiring\$50/m

K400. Speaker cable with connectors for biwiring\$32/m

K20. Speaker cable with connectors\$14/m

Skeet. Floor protector to place under speaker spikes. 8 pk\$50

LUXMAN

JPX Series Interconnect Cable

Each of the following features double-shield construction with shielded individual conductors, 99.9997%-pure copper conductors, and Japanese-paper taping over conductors combined with cotton-yarn fillers to eliminate electrical charge.

Hall of Fame...

KCAG The defacto Reference standard in analog interconnects. This hyper-pure silver cable has earned a worldwide reputation amongst reviewers, consumers and manufacturers alike for its uncanny ability to resolve minute details and *throw* a proper soundstage. KCAG is continually selected as the cable of choice by more manufacturers and reviewers than any other we are aware of—a true honor indeed!

PBJ A direct descendant of KCAG, this highly acclaimed cable has literally "taken the industry by storm." Since its introduction last year PBJ has literally outsold all other competing interconnects combined—even those costing hundreds more! PBJ has been quoted as being "close on the heels" to our KCAG. At the modest asking price now everyone can afford to have true *high end* performance at a *peanuts* price.

PR, VS, and TC LOUDSPEAKER CABLES represent the foundation of our business. Designed to substance, not to fade, these legendary cables deliver the same exacting performance today as they did almost a decade ago! Hear for yourself why more reviewers call these *neutral performers* the best values in loudspeaker cable today.

PostMaster™ Keeping the audio chain equally strong requires connectors that properly match cables to connectors. Our patented PostMaster™ spade connectors are simply the best choice for terminating loudspeaker cable—what more can we say? Patent #5108320

This picture tells the story: It provides greater insight to our design philosophy, to our code of ethics, and describes our vast range of cables and accessories (even our brochure has been recognized by MARCOM for excellence in print media). Request your copy today! But to *hear* the full story, simply take some favorite music to your nearest full line Kimber Kable dealer and listen, listen, **LISTEN!**

**KIMBER
KABLE**



2752 South 1900 West
Ogden, UT 84401
Voice: (801) 621-5530
FAX FAX FAX
FAX (800) 422-8655 FAX



JPX-216C. Neutrik XLR connector. 2.16 m\$450/pr
 JPX-216R. Copper RCA plug. 2.16 m\$450/pr
 JPX-108C. Neutrik XLR connector. 1.08 m\$350/pr
 JPX-108R. Copper RCA plug. 1.08 m\$350/pr
 JPX-72R. Copper RCA plug. 0.72 m\$300/pr

JPL Series Speaker Cable

Each of the following features a proprietary design with electromagnetic isolator and 99.99997%-pure copper conductors. JPS-2000 and JPS-1000 feature Japanese-paper taping to prevent electrical charge and two PVC sheaths.

JPL-2000\$30/ft
 JPL-1000\$20/ft
 JPL-800\$10/ft

MAXELL

AS-W50. 18-gauge speaker cable. Features copper wire core. 50 ft\$6.99
 A-470. Interconnect cable. Gold-plated RCA connectors. Features pure copper center; RF braiding; 95% shielding; PVC jacket; and solid-polypropylene insulator. 3 ft\$4.99
 A-471. As above, 6 ft\$6.99

MCCORMACK

Wonder Link Digital Cable

Proprietary RCA or BNC connectors.

Wonder Link I\$225/m
 Wonder Link I Balanced\$275/m
 Wonder Link II\$79/m

MERET AUDIO

High Definition Speaker Cables

10-ft pair\$300
 8-ft pair\$250
 Special\$15/ft

MICHAEL GREEN DESIGNS

Cable Grounds

For elevating audio cable above electrostatic floor haze and grounding of cable mechanical resonances. Wood. Set of 8\$99

MIT

MITerminator 2 Biwire. Speaker cable for biwiring\$395
 MITerminator 2s. Speaker cable. 8-ft pr\$240
 MITerminator 3s. Speaker cable. 8-ft pr\$175
 MITerminator 2l. Interconnect cable. 1-m pr\$130
 MITerminator 4s. Speaker cable. 8-ft pr\$120
 Z-Cord. Double-shielded power cord with proprietary RF filters at each end\$100
 MITerminator 3 Digital. 75-ohm coaxial cable with triple shielding. 1 m\$100
 MITerminator 3l. Interconnect cable. 1-m pr\$90

Balanced Series

Balanced cables with connectors.

Proline Fully Balanced Terminator. 1-m pr\$3,900
 Proline Extended II. 1-m pr\$1,250
 MITerminator 2 Proline. 1-m pr\$650
 MITerminator 3 Proline. 1-m pr\$295

CVTerminator Series

Each of the following features a patented Varilay cable and proprietary locking connectors.

MH-770/MH-750. Speaker cable. Dual configuration available. 8-ft pr\$1,100-\$4,500
 MI-350/MI-330. As above, interconnect version. 1-m pr\$535-\$1,800

High-End Series

Each of the following features a patented Varilay cable and proprietary locking connectors.

MH-750. Speaker cable. Version available optimized for tube electronics. 8-ft pr\$650-\$850
 MI-330. As above, interconnect version. 1-m pr\$250-\$350

MOD SQUAD

Squad Connections

Y adaptors and connectors. Available in all plug/jack configurations with RCA or XLR connectors. Contact the manufacturer for information.

MOGAMI

Neglex 2477 Coaxial Speaker Cable

Dual OFC coaxial. Professional grade; extremely low inductance, eddy current, and series impedance; designed to properly meet XLR audio connector cable. 50-m\$395
 Per ft\$2.45
 3082. As above, 14 gauge OFC coaxial. 50-m\$132
 Per ft\$0.85

Studio Speaker Cable Series

Series 2941

13 gauge. Professional grade high definition Tri-Amp systems design. Features 8 multiple-strand rope-lay Neglex OFC conductors; highly flexible jacket. 50-m\$680
 Per ft\$11.30
Series 2919. As above, 6 conductors. 50-m\$520
 Per ft\$3.30
Series 2921. As above, 4 conductors. 50-m\$220
 Per ft\$1.40
Series 3103. As above, 11 gauge, 2 conductors. 50-m\$140
 Per ft\$0.90

A/V Interconnect Cable

MWR Series

Low capacitance. OFC conductor; non-magnetic molded. Hard gold-plated RCA stereo phono plugs. 20-ft\$22
 1-ft\$10

SS Series

Neglex OFC with spiral serve. Features quad wiring for noise reduction. 1/4-in stereo phone plug each end. 20-ft\$16
 1-ft\$7

RR Mono Series

Impedance matched 75 ohm coaxial cable for video transmission. Features interchangeable colored identification rings. 20-ft\$13
 1-ft\$7

PR Series

Compact, 1/4-in O.D. Nickel-plated 1/4-in mono phone plug to gold-plated RCA phono plug; highly flexible jacket. 20-ft\$11
 1-ft\$6

PP Series

High definition. Features low profile molded handles with extended flex reliefs. Injection molded mono 1/4-in phone plugs. 20-ft\$11
 1-ft\$6

Neglex 2534

24 gauge. Quad construction for high definition sound transmission; low capacitance; highly flexible jacket. Available in assorted colors\$0.67/ft

Neglex 2965

Impedance matched, high definition 75 ohm dual cable construction for stereo applications. Black jacket\$0.66/ft

Neglex 2964. As above, single cable construction for mono applications\$0.35/ft

MONSTER CABLE

M Series Interconnect Cable

The following are available in lengths from 0.5- to 2-m and (except 2000) in 20-ft lengths. All, except M550, feature 12-cut turbine connectors.

M Sigma 2000

Balanced impedance; multiple-conductor construction with microfiber insulator. Custom lengths avail-

able. 1-m pr\$750

M1500

Balanced impedance design. 1-m pr\$375

M1000 MkII

Phase-aligned, bandwidth-balanced design with microfiber insulator. 1-m pr\$200

M850

Bandwidth-balanced construction with separate multiple-gauge time-correct wire networks utilizing Iso-Tech insulator. 1-m pr\$100

M550. As above, with 8-cut turbine connectors. 1-m pr\$60

Interlink Interconnect Cable

The following are available in 20-ft or 0.5-, 0.75-, 1-, and 2-m lengths.

Reference 2

Three wire multiple-gauge network for each conductor; turbine connectors. 1-m pr\$100

Model 800

Two multiple-gauge, bandwidth-balanced wire networks; Iso-Tec insulator and microfiber dielectric; 12-cut turbine connectors. 1-m pr\$80

Model 500

Bandwidth-balanced construction; dual conductors with microfiber. 1-m pr\$50

Model 400

Bandwidth-balanced with microfiber; 8-cut turbine connectors. 1-m pr\$40
 Portable 400. As above, for portable A/V components. 1.5-m pr\$40

CD

Dual balanced conductors for enhanced CD reproduction; 24-karat gold RCA connectors. 1-m pr\$30

Model 200

Dual balanced conductors and separate shield; twisted pair construction. 1-m pr\$20
 Portable 200. As above, for Walkmans, portable CDs, etc. 1-m pr\$20

Speaker Cable

Powerline 2 Plus

Bass control conductor for even distribution of magnetic fields and time-aligned signal. 15-ft pr\$150
 Underminated\$3.75/ft
Powerline 3 Plus. Smaller version of above. Underminated\$2/ft

New Monster

Multiple-gauge, separate high- and low-conductor network for biwiring or biamplifying; terminated with angled gold-plated connectors. 10-ft pr\$40
 Underminated\$1.50/ft

Original Monster

As above, new strand configuration; universal gold-plated connector with lock-notch. 10-ft pr\$35
 Underminated\$1.25/ft

SuperFlat

Flat profile for "invisible" out-of-wall installations; 1,000-plus copper strands\$1.50/ft
 SuperFlat Mini. As above, 300-plus strands\$0.75/ft

Monster XHPH

Compact, high performance cable with time-correct windings and magnetic flux tube. 10-ft pr\$30
 Underminated\$1/ft
 As above, white jacket\$1.05

Monster XP

Compact, entry-level cable with magnetic flux tube. Underminated, 20-ft\$14.95
 As above, white jacket\$0.50/ft

Home Theatre Speaker Cable

The following are THX certified.

C A B L E S & C O N N E C T O R S

Monster Home Theatre

3-channel design for left, center and right front hook-up\$5/ft

Powerline 2 Plus

UL CL3 rated; time-correct windings; bass control conduction\$3.75/ft

Monster Home Theatre XPHP

3-channel design for three front channels; 2-channel design for two surround or two front speaker channel hook-up; time-correct windings. 3-channel\$3/ft
2-channel\$2/ft

Monster Home Theatre XP. As above, no windings.
3 channel\$1.50/ft
2 channel\$1/ft

Monster Home Theatre Subwoofer

Large-gauge, twisted pair construction\$1.25/ft

Home Theatre Interconnect Cable

The following are THX certified and available in 1-, 1.5-, 2-, or 4-m lengths.

Monster Interlink 406

6-channel high-performance cable with bandwidth-balanced networks and time-correct windings. Available with turbine RCA or DB-25 connector. 1-m set\$150

Monster Interlink 206

6-channel standard cable with twisted pair construction. Available with turbine RCA or DB-25 connector. 1-m set\$100

Monster Interlink 201 Subwoofer

Twisted pair construction and double shielding. Also available in 2.5-, 6-, or 8-m lengths. 2.5-m pr\$30

Connectors and Adaptors

X-Terminator II

Expanding precision gold banana connectors. 2 pr pack\$120

X-Terminator

Expanding gold connectors. 2 pr pack\$60

Y-Adaptor

RCA plug to 2 jacks; 24-karat gold-plated. Pr\$20

Premium Gold Spades

M Series, 4 pr pack\$20

Regular, 4 pr pack\$10

Mini, 4 pr pack\$8

Monster Tips Banana Connectors

M Series, 2 pr pack\$14

Regular or Mini, 2 pr pack\$12

Patented Angled Gold Pins

M Series, 4 pr pack\$12

Regular or Mini, 4 pr pack\$8

Right Angle Adaptor

RCA plug to jack. 24-karat gold-plated. Pr\$12

Phonolink Precision Turbine Connectors

Advanced design RCA connectors. From\$5

NAIM

NACA5. Speaker cable\$12.95/m

NA4MM. Dual plug for above\$14

Interconnect Cables

SNAIC4. 4 pin DIN to DIN\$95

SNAIC5. 5 pin DIN to DIN\$95

DIN4/XLR. 4 pin to 3 pin XLR\$45

DIN44. 4 pin DIN lead\$35

DIN45. 4 to 5 pin DIN lead\$35

DIN55. 5 to 5 pin DIN lead\$35

PHOENIX GOLD

24-Karat Gold Triple-Shielded Interconnect Cable

With RCA connectors.

PRO29. 10 m\$67

PRO26. 6 m\$50

PRO23. 3 m\$37

PRO22. 2 m\$32

PRO21. 1 m\$27

24-Karat Gold Double-Shielded

Interconnect Cable

With RCA connectors.

V6029. 10 m\$40

V696. 6 m. A/V connection\$40

V6026. 6 m\$32

V629. 10 m\$31

V694. 4 m. A/V connection\$31

V6023. 3 m\$25

V626. 6 m\$24

V692. 2 m. A/V connection\$24

V6022. 2 m\$22

V6021. 1 m\$20

V691. 1 m. A/V connection\$19

V623. 3 m\$14

V622. 2 m\$10

V621. 1 m\$9

24-Karat Gold RCA Connectors

ZPR

For cables up to 8.7 mm. Features split tip coupled with 6-cut ground sleeve; 24-karat mil-spec gold plating. Teflon insulator; solid internal barrel\$28

PRO426/427. Right-angle connector\$20

A425. RCA connector\$20

PROXS. 6-contact RCA plug\$10.49

DELXS/XL. RCA jack, 2 sizes\$5.75

24-Karat Gold RCA Adaptors

PRO417. 90° right-angle adaptor\$17.39

PRO416. Shorter version that can rest under

PRO417\$17.39

PRO400. Adapts RCA plug to RCA jack. All metal\$12.89

PRO401. Adapts RCA jack to RCA plug. All metal\$12.87

PRO418. Y adaptor. 1 plug to 2 jacks. Features 6-contact connectors\$11.39

A401. Adapts RCA jack to RCA plug. Features solid shaft\$8.10

A400. Adapts RCA plug to RCA jack\$5.40

24-Karat Gold Speaker Connectors

A406. Pin connector. For cable from 8 to 14 gauge\$11.25

A405. 4-mm banana plug. For cable from 8 to 14 gauge. Stackable\$11.25

PRO dual. Double 4-mm banana plug. For cable from 8 to 12 gauge\$7.49

ZPB1. Crimp-on 4-mm banana plug. For cable from 8 to 10 gauge. Features 9-contact leaf spring\$4.97

PRO8. Multiple-stud spade. For cable from 7 to 9 gauge\$4.80

A410. 5-way binding post. Shaft length 1 1/4 in\$4.75

A408. Crimp-on banana plug. For cable from 12 to 16 gauge\$4.75

PRO82. Quick-disconnect terminal. For cable from 10 to 16 gauge. Female\$4.20

PRO80. Narrow-barrier-strip spade terminal. For cable from 7 to 9 gauge\$2.75

PRO81. Right-angle spade connector. For cable from 7 to 9 gauge\$2.75

PRO402. 10- to 12-gauge spade\$1.50

A403. Crimp-on pin with boot\$1.15

PRO404. 12- to 16-gauge spade\$1.50

Speaker Cable

ZP125. 9 gauge. Electrolytic-grade OFC\$3.75/ft

SS154. 4-conductor 15-gauge or 2-conductor 12-gauge OFC. Clear\$1.49/ft

SS612P. 12-gauge OFC. Neon pink\$1.05/ft

SS212. 12-gauge OFC. Sapphire blue\$0.95/ft

SS122. 12-gauge OFC. Clear\$0.90/ft

SS162. 16-gauge OFC. Clear\$0.55/ft

QS162. 16 gauge. Sapphire blue\$0.29/ft

SS182. 18-gauge OFC\$0.18/ft

QL416. 16 gauge. 4 conductors with CL2/CSA approval\$0.60/ft

QL216. As above, 2 conductors\$0.33/ft

PRISMA

Speaker Cable

T.C. Speaker Cable

10 gauge. Features 3 sizes OFC/Litz conductors; pretinned with 3% silver solder; custom termination available. Clear Soflex PVC jacket. 20-ft pr\$445

15-ft pr\$340

12-ft pr\$277

10-ft pr\$235

7 1/2-ft pr\$183

Termination per set\$25

Custom per ft\$10.50

Model 10 Speaker Cable

7.5 gauge. Swiss-made OFC; arrow-marked directional. Highly flexible gray Soflex PVC jacket. \$4.39/ft

Model 4. As above, 10 gauge\$2.99/ft

Model 2.5. As above, 12 gauge\$1.99/ft

SC-9 Speaker Cable

20 gauge. Solid-core OFC electrolytic copper; arrow-marked directional. Gray polyethylene jacket \$0.99/ft

Dual Interconnect Cable

Dual channel; 174 strand OFC center conductor and copper braid shield; polyfoam center conductor insulation; arrow-marked directional. Custom lengths available. Soflex PVC jacket. 3-m\$75

2-m\$65

1 1/2-m\$59

1-m\$55

1/2-m\$49

RCA Plugs

Gold-plated machined solid brass; no internal crimps; split center pin; 6-segment tapered ground ring; mechanical strain relief; non-magnetic brass color-coded shell; textured rubber grip\$16/pr

RCA Chassis Jackets

Machined brass; Teflon dielectric; grounds before hot; color-coded. Includes isolation washers, ground lug and nut\$13/pr

Jumbo Spade Lug

For speaker wire up to 7.5 gauge. Heavy solid brass with heavy gold-plating; fits Prisma 10, T.C. cable, and tube gear barrier terminals. Red or black heat shrink tubing\$4

Spade Lug

For speaker wire up to 10 gauge; gold-plated brass; can be crimped or soldered. Available with red or black sleeves\$1.25

Pin Terminal. As above\$1.25

RADIO SHACK

Interconnect Cables and Adaptors

Model 42-2355. Patch cable with 4 RCA plugs on each end. 6 ft\$8.99

Model 42-2354. As above, 3 ft\$6.99

Model 42-2356. Interconnect Patch with RCA connectors and shielding against hum and electrical interference. 12 ft\$6.99

Model 42-2352. As above, 6 ft\$4.99

Model 42-2351. As above, 3 ft\$3.99

Model 42-2309. Shielded Interconnect. 3 ft. 4 pk\$5.79

Model 42-2474. Y cord. Two RCA plugs to stereo phone plug. 6 ft\$5.99

Model 42-2481. Y cord. Two RCA plugs to stereo mini plug. 6 ft\$4.99

Model 42-2475. As above, 3 ft\$4.39

Model 42-2151. Interconnect with 5-pin DIN plug at each end. 6 ft\$4.99

Model 42-2461. Interconnect with mono mini plug on one end, RCA plug on other\$3.99

Model 42-2387. Interconnect with stereo mini plug at each end\$3.69

Model 42-2152. Attenuating interconnect with mono mini plug at each end. 6 1/2 ft\$3.49

Model 42-2353. Patch cable with 2 phono plugs at one end, 2 phono jacks at other. 3 ft\$3.99

Model 42-2157. Mini plug to stereo phone plug. 6 ft\$3.99

Model 42-2472. Mini plug to mini jack. 6 ft\$3.29

C A B L E S & C O N N E C T O R S

Model 42-2420. Mini plug to mini plug. 6 ft . . . \$2.49
 Model 42-2421. Mini plug to alligator clips. 6 ft \$2.39
 Model 42-2434. Mini plug to stripped ends. 6 ft . . . \$2.39
 Model 42-2444. Mini plug to RCA plug. 6 ft . . . \$2.29

Model 42-2471. Y adaptor. Two RCA plugs to stereo phone jack . . . \$3.79
 Model 42-2156. Y adaptor. Two phone plugs to phone jack . . . \$3.59
 Model 42-2158. Y adaptor. Two mini plugs to mini jack . . . \$2.99
 Model 42-2435. Y adaptor. Two RCA plugs to RCA jack . . . \$2.79
 Model 42-2436. Y adaptor. Two RCA jacks to RCA plug . . . \$2.69
 Model 42-2477. Y adaptor. Two RCA jacks to stereo phone plug . . . \$2.59
 Model 42-2150. Y adaptor. Two RCA jacks to mono phone plug . . . \$2.29
 Model 42-2154. Y adaptor. Two RCA jacks to mono mini plug . . . \$2.29
 Model 42-2153. Y adaptor. Two RCA plugs to mono mini plug . . . \$2.29
 Model 42-2438. Y adaptor. Two RCA plugs to RCA plug . . . \$2.29

Model 42-2368. Phono plug to phono plug. 12 ft . . . \$3.49
 Model 42-2367. As above, 6 ft . . . \$2.49
 Model 42-2366. As above, 3 ft . . . \$1.99
 Model 42-2365. As above, 1 1/2 ft . . . \$1.79

Model 42-2381. Phone plug to phone plug. 6 ft \$3.49
 Model 42-2363. Phono plug to phono jack. 12 ft . . . \$3.49
 Model 42-2362. As above, 6 ft . . . \$2.49
 Model 42-2361. As above, 3 ft . . . \$2.29
 Model 42-2373. Phone plug to RCA plug. 6 ft . . . \$3.29
 Model 42-2377. Phone plug to RCA jack. 6 ft . . . \$2.99
 Model 42-2440. Phone plug to right-angle RCA plug. 6 ft . . . \$2.99
 Model 42-2433. Phone plug to mini plug. 6 ft . . . \$2.99
 Model 42-2358. Phono jack to phono jack. 6 ft \$2.59

Model 42-2372. Phono plug to tinned wire. 12 ft . . . \$2.29
 Model 42-2371. As above, 6 ft . . . \$1.99
 Model 42-2370. As above, 3 ft . . . \$1.69

Speaker Cable

Model 42-2480. 18 gauge. RCA connector on each end. 50 ft . . . \$8.99
 Model 42-2478. As above, 24 ft . . . \$4.99
 Model 42-2479. As above, 12 ft . . . \$3.99

Model 42-2457. 18 gauge. Phono plug to tinned wire. 24 ft . . . \$4.69
 Model 42-2455. As above, pin connector at each end . . . \$4.99
 Model 42-2456. As above, tinned wire at each end . . . \$4.29

Model 42-2392. 24 gauge. RCA connector on each end. 24 ft . . . \$3.29
 Model 42-2430. As above, white . . . \$3.29
 Model 42-2445. As 42-2392, 12 ft . . . \$2.79
 Model 42-2431. As 42-2430, 12 ft . . . \$2.79

Model 42-2454. 24 gauge. Mini plug to lug terminal. 12 ft . . . \$2.29
 Model 42-2450. 24 gauge. RCA plug to lug terminal. 24 ft . . . \$2.99
 Model 42-2449. As above, 12 ft . . . \$2.29
 Model 42-2446. 24 gauge. Lug terminal on each end. 24 ft . . . \$2.19
 Model 42-2447. As above, 12 ft . . . \$1.69

Headphone Cables and Adaptors

Model 42-2443. Coiled cord with stereo phone plug on one end, stereo phone jack on other. 24 ft . . . \$8.39
 Model 42-2462. Cord with stereo mini plug on one end, stereo mini jack on other. 20 ft . . . \$6.39
 Model 42-2464. Cord with stereo mini plug on one end, stereo phone jack on other. 20 ft . . . \$5.99

Model 42-2460. Cord with stereo phone plug on one end, stereo mini jack on other. 20 ft . . . \$5.99
 Model 42-2442. Straight cord with stereo phone plug on one end, stereo phone jack on other. 20 ft . . . \$5.79
 Model 42-2459. 1-ft cord with in-line volume control. Stereo mini plug on one end, stereo mini jack on other . . . \$4.99
 Model 42-2463. Y adaptor. Two stereo mini jacks to one stereo mini plug . . . \$4.99
 Model 42-2448. As above, phone jacks to phone plug . . . \$5.39
 Model 274-313. Adapts two stereo mini plugs to one stereo mini plug . . . \$3.39
 Model 33-176. Cord with mono mini plug on one end, mono mini jack on other. 20 ft . . . \$2.69
 Model 274-367. Adapts stereo mini plug to stereo phone plug . . . \$1.79
 Model 274-366. Adapts stereo phone plug to stereo mini plug . . . \$1.79
 Model 274-368. Adapts stereo mini plug to mono mini plug . . . \$1.19

RECOTON

Interconnect Cable

AV 15. OFC conductor; gold-plated stereo connectors. 6 ft . . . \$40
 AV 14. As above, 3 ft . . . \$25
 AV 13. OFC conductor; gold-plated connectors. 6 ft . . . \$25
 AV 12. As above, 3 ft . . . \$19.99
 AC 21. Gold-plated stereo connectors. 6 ft . . . \$17.99
 AC 20. As above, 3 ft . . . \$15.99

ACG 204. Gold-plated connectors. 17 ft . . . \$11.29
 ACG 144. As above, 12 ft . . . \$9.49
 ACG 72. As above, 6 ft . . . \$7.49
 ACG 36. As above, 3 ft . . . \$6.79
 ACG 18. As above, 1 1/2 ft . . . \$4.99

AC 220. 4 RCA to 4 RCA plugs. 6 ft . . . \$8.99
 AC 237. 2 RCA to 2 RCA plugs. 20 ft . . . \$7.79
 AC 236. As above, 10 ft . . . \$5.39
 AC 211. As above, 6 ft . . . \$3.79
 AC 224. As above, 3 ft . . . \$3.49
 AC 241. 2 RCA to 2 RCA plugs; piggyback jacks. 10 ft . . . \$6.99
 AC 240. As above, 6 ft . . . \$6.49
 AC 239. As above, 3 ft . . . \$5.69
 AC 223. RCA to RCA plug. 25 ft . . . \$5.39
 AC 202. As above, 10 ft . . . \$3.29
 AC 201. As above, 6 ft . . . \$2.69
 AC 200. As above, 3 ft . . . \$2.09

Magnum Series Speaker Cable

12 gauge. Includes connectors.
 SW 1230SP. 30 ft . . . \$38
 SW 1220SP. 20 ft . . . \$30
 SW 1210SP. 10 ft . . . \$17.49

CD Interconnect Series

CD 17. 2 RCA to 2 RCA plugs with ground wire; gold-plated connectors. 20 ft . . . \$32
 CD 12. BOA connectors. 6-ft pr . . . \$32
 CD 13. As above, 3-ft pr . . . \$27
 CD 16. 2 RCA to 2 RCA plugs; gold-plated connectors. 10 ft . . . \$26
 CD 15. As above, 6 ft . . . \$19.99
 CD 14. As above, 3 ft . . . \$16.99

Speaker Cable

SW 18100. 18 gauge. 100 ft . . . \$15.49
 SW 1650. 16 gauge. 50 ft . . . \$10.99
 SW 1850. 18 gauge. 50 ft . . . \$8.99
 SW 1830. 18 gauge. 30 ft . . . \$6.99
 SW 5020. 20 gauge. 50 ft . . . \$7.49
 SW 100. 24 gauge. 100 ft . . . \$7.19
 SW 50. 24 gauge. 50 ft . . . \$4.29
 SW 25. 24 gauge. 25 ft . . . \$2.69
 SW 12. Spade connectors; 20 gauge. 25 ft . . . \$4.09
 SW 11. RCA plug connectors; 24 gauge. 40 ft . . . \$4.09
 SW 15. RCA plug to jack connectors; 24 gauge. 20 ft . . . \$3.49
 SW 10. RCA plugs; 24 gauge. 20 ft . . . \$3.49
 SW 9. As above, 10 ft . . . \$2.69

Extension and Adaptor Cables

ACW 346. Extension headphone cable; coiled; includes adaptors. 25 ft . . . \$14.49
 EG 44. Extension kit for stereo headphones; includes adaptors. 25 ft . . . \$14.49
 AC 302A. Extension cable; mini jack to mini stereo plug; includes phone-plug adaptor. 25 ft . . . \$9.99
 AC 302Bag. As above, without adaptor . . . \$7.49
 ACW 344. As above, 6 ft . . . \$4.99
 ACW 343. Mini plug to mini plug. 6 ft . . . \$4.99
 AC 305. As above, 4 ft . . . \$2.39
 ACW 337. 2 mini plugs to 2 RCA plugs. 6 ft . . . \$4.59

AC 409. RCA plug to 5-pin DIN. 6 ft . . . \$7.19
 AC 226. RCA plug to jack. 10 ft . . . \$2.99
 AC 204. As above, 6 ft . . . \$2.59
 AC 205. RCA plug to mini plug. 6 ft . . . \$2.69
 AC 207. RCA plug to stripped, tinned ends . . . \$2.19

Y-Adaptor Cables

ACW 339. Mini plug to 2 RCA plugs. 6 ft . . . \$5.39
 ACW 333. Stereo mini plug to 2 mini stereo jacks . . . \$5.39
 AC 307. Stereo phone plug to 2 stereo phone jacks . . . \$4.89
 ACW 332. Phone stereo plug to 2 mini stereo jacks . . . \$3.99
 ACG Y 1. RCA jack to 2 RCA plugs; gold-plated connectors . . . \$3.99
 ACG Y 2. 2 RCA jacks to RCA plug; gold-plated connectors . . . \$3.99
 AC 320. Mini plug to 2 RCA plugs . . . \$3.79
 AC 230. RCA jack to 2 RCA plugs . . . \$2.69
 AC 212. RCA plug to 2 RCA jacks . . . \$2.59

Power Cable

AC 330. Polarized cord. For Panasonic portables . . . \$3.99
 AC 328. As above, for Sony . . . \$3.99

Connectors

C 1402-2. RCA in-line plug; chrome plating. 1 pr . . . \$3.49
 C 1517. Connector, RCA jack to RCA jack . . . \$2.99
 C 1506. Connector . . . \$2.49
 C 1518. Adaptor; RCA plug to mini jack . . . \$2.49
 C 1513. Adaptor; RCA jack to mini plug . . . \$2.49
 C 1403-3. RCA in-line jack; chrome plating. 1 pr . . . \$2.39

SIGNET

Interconnect Cable

OCC2
 PC-OCC center conductors and braided shield. Gold-plated split center pin RCA connectors. 6-ft pr . . . \$90
 3-ft pr . . . \$75
 1 1/2-ft pr . . . \$65
 OCC1. As above. 6-ft pr . . . \$50
 3-ft pr . . . \$40
 1 1/2-ft pr . . . \$35

MTB

Pure copper, multiple-strand center conductors; braided shield; gold-plated RCA connectors. 16-ft pr . . . \$22
 6-ft pr . . . \$18
 3-ft pr . . . \$15

VK312 Stereo A V

Audio cable with pure copper, multiple-strand center conductors; braided shield; gold-plated RCA connectors. 75-ohm coaxial video cables.
 12-ft set . . . \$37
 6-ft set . . . \$30
 3-ft set . . . \$25

Speaker Cable

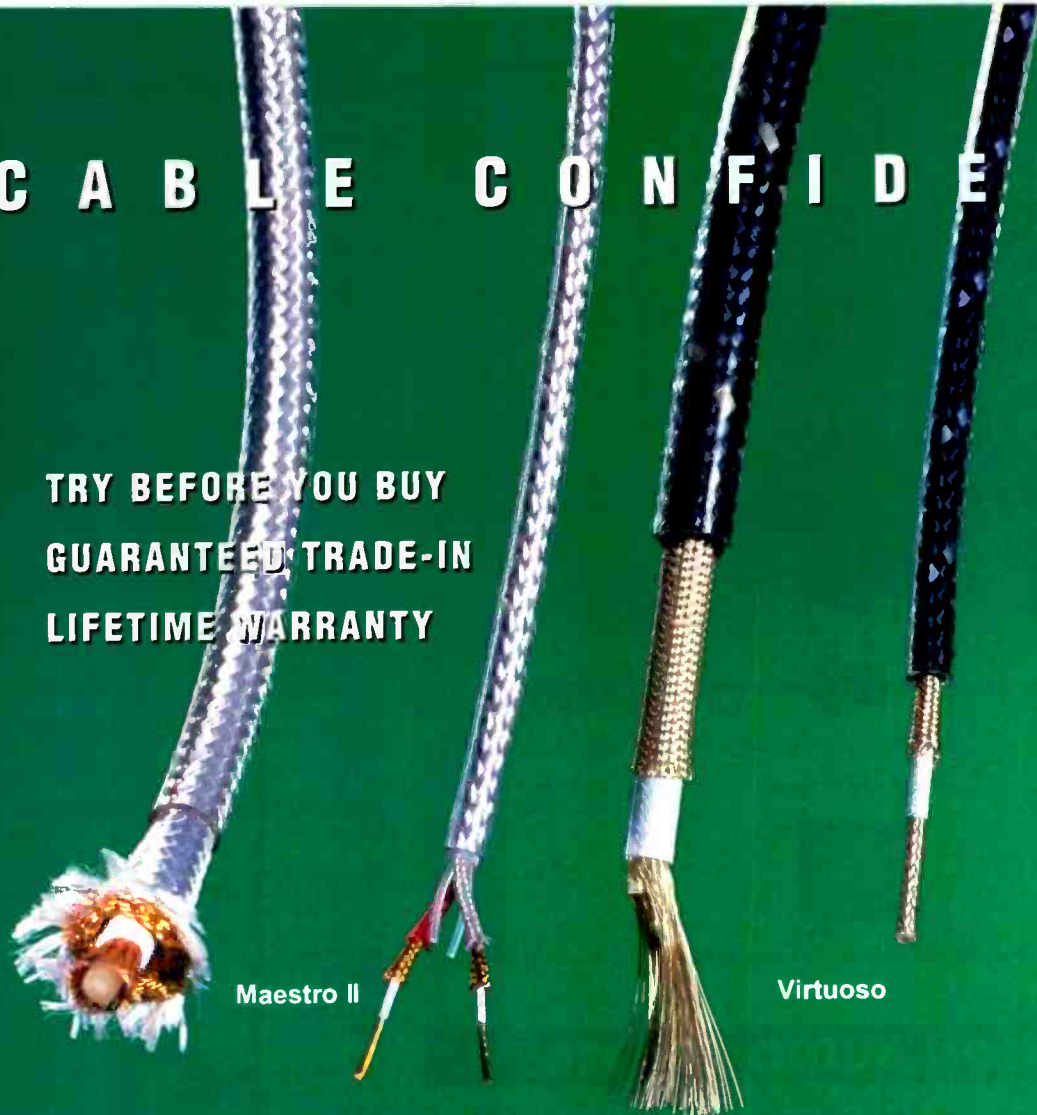
MLA-500/500W Advanced
 Multiple-strand 12-gauge OFC conductor; extra-flexible black or white jacket . . . \$1.15/ft
 MLS-1000/1000W Standard
 As above, 16-gauge . . . \$0.35/ft

HT-18 Hi-Tec

18-gauge; black jacket . . . \$0.16/ft

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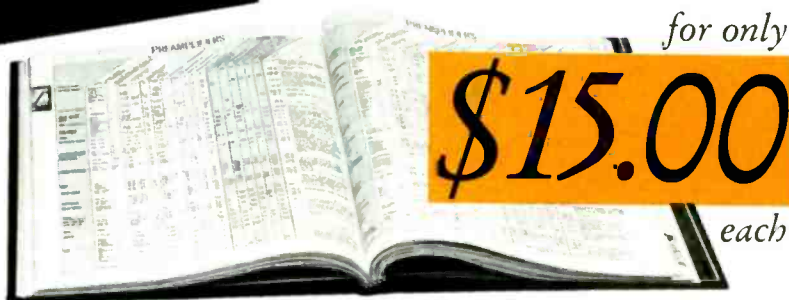
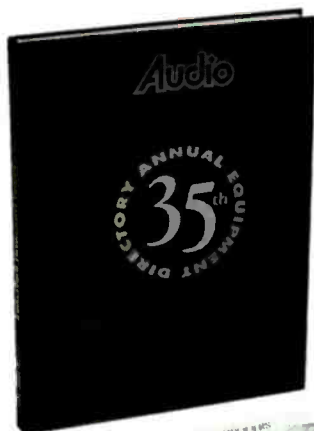
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CL3 Series In-Wall Speaker Cable

The following feature sequential ft markings and outer jacket ripcord.

CHC 14.4. 14-gauge, 4 conductor. Turquoise jacket	\$0.64/ft
CHC 12.2. 12-gauge, 2 conductor. Yellow jacket	\$0.50/ft
CHC 16.4. 16-gauge, 4 conductor. Pink jacket	\$0.37/ft
CHC 14.2. 14-gauge, 2 conductor. Turquoise jacket	\$0.33/ft
CHC 16.2. 16-gauge, 2 conductor. Pink jacket	\$0.21/ft

STINGER

Amp Wire In-Wall Cables

Designed for use by custom installers. Prices quoted are for bulk rolls.

AW122CL3. 12 gauge. CL-3, 80-degree-temperature ratings; two conductors; 19/25 bare-copper strands; green PVC jacket. 1,000 ft	\$416
AW124CL3. As 122, four conductors, orange jacket. 500 ft	\$404
AS162CL3. As 122, 16 gauge. 19/29 strands, blue jacket	\$196
AW164CL3. As 124. 16 gauge. 19/29 strands, yellow jacket	\$178
ARW22CL3. As 122. 22 gauge. 7/30 strands, purple jacket	\$133

King Series Interconnect Cables

Dual-mono cables with triple shielding; 24-karat gold-plated RCA connectors with silver sleeve; 6-mm-diameter dark-teal jacket.

SKT20. 20 ft	\$49
SKT12. 12 ft	\$38
SKT6. 6 ft	\$29
SKT3. 3 ft	\$25
SKT1.5. 18 in	\$23

A/V Interconnect Cables

Pure OFC; double shielding.

SAV6. 6 ft	\$13
SAV3. 3 ft	\$10

STRAIGHT WIRE

Interconnect Cable

Virtuoso

Symmetrical (VSI) and twin symmetrical (BVI) coaxial geometry; high purity silver/copper conductors; microporous foam Teflon dielectric. Clear PVC jacket over black fabric braid. 1-m pr \$450
Additional 1-m pr \$300

Maestro II

Symmetrical (MSI) and twin symmetrical (BMI) coaxial geometry; OFC coated conductors; microporous foam Teflon insulation. Clear PVC jacket over pearl white fabric braid. 1-m pr \$275
Additional 1-m pr \$160

Rhapsody II

Twin symmetrical balanced geometry for balanced and unbalanced terminations; OFC coated conductors; foam Teflon insulation. Clear PVC jacket over blue fabric braid. 1-m pr \$150
Additional 1-m pr \$60

Encore

Symmetrical twin-axial design; OFC coated conductors; foam Teflon insulation; gold Teflon phono plug. Clear PVC jacket over red fabric braid. 1-m pr \$100
Additional 1-m pr \$40

Laser-Link II

Symmetrical coaxial geometry; foam Teflon insulation; OFC coated conductors. Clear PVC jacket over turquoise fabric braid. 1-m pr \$60
Additional 1-m pr \$24

Symphony

Star quad design; OFC coated conductors; foam insu-

lation; shielded with braided copper shield and copper foil tape; gold Teflon phono plugs. Charcoal matte PVC jacket. 1-m pr\$48
 Additional 1-m pr\$12

Flexconnect II

Coaxial geometry; Teflon insulation; OFC conductors; gold phono plug; silver solder. Burgundy PVC jacket. 1-m pr\$39
 Additional 1-m pr\$12

Musicable II

Star quad design; OFC conductors; polypropylene insulation; braided copper shield; gold phono plugs; silver solder. Navy blue matte PVC jacket. 1-m pr\$29
 Additional 1-m pr\$8

Harmony

Dual shielded design; polyethylene insulation; OFC conductors; gold phono plugs. Jade green PVC jacket. 1-m pr\$19

Digital Video Cables

Mega-Link

Coated high purity silver/copper conductors; 75 ohm; foam Teflon insulation; available with gold RCA, BNC or F connectors. Clear jacket over black fabric braid with blue tracer. 1-m pr\$120
 Additional 1-m pr\$70

Balanced Mega-Link

Coated high purity silver/copper conductors; 110 ohm; AES/EBU standard; dual shield; hybrid dielectric. Clear jacket over black fabric braid. 1-m\$120
 Additional 1-m\$70

Silver-Link II

75 ohm coaxial geometry; foam polyethylene insulation; silver plated OFC conductors; dual-shield design. 1-m\$49
 Additional 1-m\$16

Video-Link

75 ohm coaxial geometry; OFC conductors. Black PVC jacket. 1-m\$19
 Additional 1-m\$6

STX Optical Cable

Kevlar reinforcement; broad bandwidth fiber (400 MHz+); special ST polish and termination; premium ceramic connectors. 1-m\$250
 Additional 1-m\$20

Tonearm Cable

Maestro II Tonearm Sets

Twin symmetrical coaxial geometry; OFC coated conductors; microporous foam Teflon insulation; JIS female tonearm DIN with ground lead; gold Teflon phono plugs. 1-m set\$180

Virtuoso Tonearm Sets

High purity silver/copper conductors; twin symmetrical coaxial geometry; JIS female tonearm DIN with ground lead; gold Teflon phono plugs. Available in platinum or gold. 1-m set\$275

Speaker Cable

Virtuoso

Individually insulated silver/copper conductors; microporous foam Teflon; symmetrical coaxial design. Available in platinum or gold. Clear PVC jacket over black fabric braid. 3/4-in diameter. 10-ft pr\$1,150
 Bulk per ft\$50

Maestro II

384 coated OFC conductors; microporous foam Teflon; symmetrical coaxial geometry. Clear PVC jacket over pearl white fabric braid. 3/4-in diameter. 10-ft pr\$680
 Bulk per ft\$30

Rhapsody II

11-gauge coated OFC conductors; foam Teflon insulation; symmetrical coaxial geometry. Clear PVC jacket over blue fabric braid. 1/2-in diameter. 10-ft pr\$360

Bulk per ft\$15

Duet

Twelve 18-gauge coated OFC conductors; hybrid thermal plastic rubber insulation; helical geometry. Navy blue PVC jacket. 1/2-in diameter. 10-ft pr\$284
 Bulk per ft\$12

Encore

12-gauge coated OFC conductors; foam Teflon insulation; symmetrical coaxial geometry. Clear PVC jacket over red fabric braid. 1/2-in diameter. 10-ft pr\$192
 Bulk per ft\$8

Octave

Eight 18-gauge coated OFC conductors; hybrid thermal plastic rubber insulation; helical geometry. Navy blue PVC jacket. 1/2-in diameter. 10-ft pr\$192
 Bulk per ft\$8

Pro Special

12-gauge OFC conductors; foam Teflon insulation; coaxial design. Black polyurethane jacket. 3/4-in diameter. 10-ft pr\$152
 Bulk per ft\$6

Laser-8/Waveguide 8

8 OFC conductors; 12-gauge per polarity; polypropylene insulation; helical geometry. Turquoise PVC jacket. 1/2-in diameter. 10-ft pr\$100
 Bulk per ft\$4

Sextet

6 OFC 14-gauge conductors; hybrid thermal plastic rubber insulation; helical geometry. Charcoal gray PVC jacket. 1/2-in diameter. 10-ft pr\$120
 Bulk per ft\$5

Quartet

4 OFC 14-gauge conductors; hybrid thermal plastic rubber insulation; helical geometry. Navy blue PVC jacket. 1/2-in diameter. 10-ft pr\$75
 Bulk per ft\$3

Flex-4/Waveguide 4

4 OFC conductors; 13-gauge per polarity; polypropylene insulation; helical geometry. Burgundy PVC jacket. 1/2-in diameter. 10-ft pr\$55
 Bulk per ft\$2

In-Wall Speaker Cable

The following are UL-CL3 rated; available with sequentially printed footmarks (except 1.5).

Waveguide 3.5

4 conductor 14-gauge OFC. White or purple PVC jacket. Bulk per ft\$1.60

Waveguide 3

4 conductor 16-gauge OFC. Light blue, gray or dark purple jacket. Bulk per ft\$1.20

Waveguide 2

2 conductor 14-gauge OFC. White PVC jacket. Bulk per ft\$0.95

Waveguide 1.5

2 conductor 16-gauge OFC. Putty or dark green PVC jacket. Bulk per ft\$0.75

Power (Mains) Cable

TPC-12

12-gauge OFC conductors; Teflon insulation; triaxial geometry. Black polyurethane jacket. 6-ft\$150

TPC-14

14-gauge OFC conductors; triaxial geometry. Gray polyurethane jacket. 6-ft\$89

TARA LABS

Interconnect Cable

RSC Master Generation 2

2 proprietary fine-gauge consonant silver copper RSC conductors plus shield; Teflon air tube dielectric. Flexible, lightweight cable. 1-m pr with XLR connectors

.....\$428
 1-m pr with RCA connectors\$395
RSC Digital Generation 2. As above with BNC connectors or In AES/EBU configuration\$295
 With XLR connectors, add\$17

RSC Reference 2000

2 proprietary rectangular RSC consonant silver copper conductors in a helix configuration plus shield. Available with RCA or XLR (balanced) connectors. With XLR shielded connectors, 1-m pr\$228
 With RSC shielded or unshielded connectors, 1-m pr\$195

Luminary ST Digital

Glass fiber digital CD transport to processor cable. Available in 0.6-, 1.0-, 1.5-, and 2.0-m lengths. 1-m\$205

RSC Prime 1000

As above, XLR connectors. 1-m pr\$162
 RCA connectors, 1-m pr\$129

Prism 55

Optimized bandwidth solid core OFC conductors; twin axial geometry; gold RCA plugs. 1-m pr\$98
 XLR connectors, add\$33

Prism Digital

For CD transport to processor connection. Protects against signal reflections. Includes ferrite sleeve to prevent RFI and EMI distortion; gold RCA plugs. 1-m\$95

Prism 33

Optimized bandwidth solid core conductors; 7 conductors within coaxial configuration; extremely low-loss design; superior shielding; ideal for longer runs; gold RCA plugs. 1-m pr\$59

Quantum CD

Multiple solid-core conductors; gold RCA connectors. Ideal for 1-piece CD players. Recommended for lengths 2 meters and under. Sold in pairs: 0.6-, 1.0-, 1.5-, and 2.0-m lengths. 1-m pr\$49

Prism 22

Optimized bandwidth single solid core center conductors within coaxial configuration; full coverage braided copper shielding; gold RCA plugs. 1-m pr\$35

Prism 11

Optimized bandwidth solid core conductors. Ideal for CDs and tape decks. Sold pairs: 0.6-, 1.0-, 1.5-, and 2.0-m lengths. 1-m pr\$29

Power Cable

RSC AC Power Cable

For amps, preamps, or digital processors. 2-pair RSC conductors; separate shielding for live and neutral conductor runs. AC wall plug to IEC female AC connector standard configuration; other configurations available; UL CL/3 jacketing. Available in 6-, 8-, 10-, 12-, and 15-ft lengths. 6-ft\$295
Prism. As above, no 2-pair RSC conductors or separate shielding. 6-ft\$79

Speaker Cable

RSC Master Generation 2

Proprietary rectangular RSC consonant silver-copper conductors; 14-fine gauge conductors per each positive and negative leg; separately insulated conductors. Terminated with gold spades\$45/ft
 Gold bananas per end, add\$20

RSC Reference 2000

As above, no fine-gauge conductors or separate insulation\$17.95/ft
 Gold bananas per end, add\$20

RSC Prime 1000 Bi-Wire

As above, double the amount of RSC conductor; bi-wire capable in a single wire. Available with stereo or bi-wire termination. From\$8.95/ft

Prism

Optimized bandwidth solid core OFC conductors. For

any type speaker; single run biwire or conventional speaker use. Gold spade termination \$3.95/ft
Gold bananas per end \$20

Omni 2+2 Bi-Wire

1 pair 14-gauge multiple-solid-core conductors; bi-wire capable in a single cable; stereo or biwire pairs termination. From \$2.95
Omni. As above, no single cable biwire capability \$0.98/ft

TC AUDIO

Both the Double Helix and Singles interconnect cables feature the Ground Gripper system which insures that the connectors hold tightly to the input and output jacks. Singles employ gold connectors for high oxide resistance. Double Helix employ Cardas rhodium-plated connectors. Both types are soldered with Cardas Quad-eutectic solder consisting of high conductivity silver and copper bearing alloy. Both types use JENA 127 strand pure copper wire. The copper is of high purity long grain type with a shield consisting of conductive plastic sheath under high density copper braid, a highly stable wire capacitance with low self-noise and suppression of smear-inducing micro-vibration results.

Doubles Series

ICD 6 Interconnect Cable

6 ft \$330
ICD 3. 3 ft \$220
ICD 1.5. 1.5 ft \$220

Singles Series

ICS 16 Interconnect Cable

16 ft \$100
ICS 6. 6 ft \$80
ICS 3. 3 ft \$60
ICS 1.5. 1.5 ft \$60

TRANSPARENT

The following feature OFC wiring; precision windings; network technology in higher level cables for noise reduction and low frequency energy transfer.

Speaker Cable

The following feature polypropylene construction.

Music Wave Reference. 8 ft \$3,900
Music Wave Ultra. 8 ft \$2,000
Music Wave Super. 8 ft \$1,000
Music Wave Plus. 8 ft \$450
Music Wave. 8 ft \$250
The Wave. 8 ft \$160
Musicord. 8 ft \$90

High Performance Home Theater Series

Speaker Cable

The following feature polypropylene construction.

The Brick Plus Snap-On Network \$300/pr
The Brick Snap-On Network \$250/pr
The Wall Plus CL2 Bicable
In-wall. Features 2 jacketed cables surrounded by outer jacket \$20/ft
The Wall CL2 Bicable. As above \$7.50/ft
PF-3 CL2. 2 conductors \$8.50
PF-2 CL2. As above \$3.25

XLR Interconnect Cable

The following feature Teflon construction.

Balanced MusicLink Reference. 1-m pr \$3,400
Balanced MusicLink Ultra. 1-m pr \$1,500
Balanced MusicLink Super. 1-m pr \$800
Balanced MusicLink Plus. 1-m pr \$450
Balanced MusicLink. 1-m pr \$200

RCA Interconnect Cable

The following feature Teflon construction.

MusicLink Reference. 1-m pr \$1,800
MusicLink Ultra. 1-m pr \$800
MusicLink Super. 1-m pr \$425
MusicLink Plus. 1-m pr \$225
MusicLink. 1-m pr \$130
The Link. 1-m pr \$85
Musicord. 1-m pr \$40

Digital Cable

Features BNC-BNC +24 termination; BNC-RCA +12 termination.

Balanced Digital Link

AES/EBU. 1-m \$400

Coaxial Digital Link

75-ohms. 1-m \$250

TRIBUTARIES

Interconnect Cable

SCA 100

Silver plated center conductors; differential ground; double layered shielding; gold-plated brass double-locking RCA DLT 20 connectors. Per m pr \$150

SCA 200

As above, no differential ground; balanced configuration; gold-plated brass XLR 40 connectors. Per m pr \$135

SCA 150

As above no balanced configuration; gold-plated brass maximum contact RCA MCC 30 connectors. Per m pr \$100

SCA 300

Silver plated center conductor; silver plated braided shield; alum/Mylar foil wrap; gold-plated brass TR 2 RCA connectors. Per m pr \$70

DCA 100

Copper center conductor and braided shield; gold-plated brass TR1 RCA connectors. Per m pr \$35

Video Cable

SCV 100 Video/Digital Cable

75 ohm. Silver-plated center conductor; 100% shielding; 2 concentric braided shields; alum/Mylar foil wrap; gold-plated brass maximum contact MCC30 RCA connectors \$65/m

SCV 200 Video Cable. As above; gold-plated TFS F-connectors \$65/m

DCV 100 Video/Digital Cable

75 ohm. Copper center conductor; 100% shielding; 2 concentric braided shields; alum/Mylar wrap; gold-plated TR1 RCA connectors \$30/m

DVC 200 Video Cable. As above; gold-plated TFS F-connectors \$30/m

Speaker Wire

SP 5F. AWG 14. Flat, braided, multiple-stranded, silver plated \$5/ft

SP 4. 14 gauge. Square/round multiple-stranded copper conductors (1/2 copper and 1/2 silver plated copper); 1/2-in tacking space \$4/ft

SP 2. 12 gauge. As above, no plating \$1.25/ft

SP 1. 16 gauge \$0.50/ft

ULTRA SYSTEMS

Optik Ceramic Cable

AT&T optical cable for use between CD transport and D/A converter. Features non-resonant ceramic ST interface connectors for datastream transmission. 1-m terminated \$145

Ultra-X Power Cord

Heavily shielded design using multiple material conductors and Teflon dielectric. For components with RF shielding and high capacitance/high inductance passive filtration. 6-ft terminated IEC to wall plug \$129

VAMPIRE WIRE

Interconnect Cable

SL

Balanced design; 7 strands of 30-gauge pure silver; fiber filters; matte-finish PVC jacket; RCA connector \$350/m

AI-2

Balanced design; two continuous-cast-copper stranded conductors; polyethylene dielectric; PVC jacket; RCA connector \$225/m

DI-1

Coaxial; 75-ohm imp; continuous-cast-copper center conductor; two-part dielectric; connector \$130/m

SC Series IV

Balanced design; four 41-strand OFC conductors with oxygen-free silver cladding; matte-finish PVC jacket; locking connectors \$125/m

SC Series II. As above, two 63-strand conductors \$85/m

CCC/II

Twin-lead model with two 41-strand continuous-cast-copper center conductors. Features polyethylene dielectrics, continuous foil, and OFC braid \$50/m

SC

Coaxial design; 20-gauge silver-plated OFC center conductor; polyethylene dielectric; double-braided shield; gold-plated RCA plugs \$40/m

CC Series

154-strand 22-gauge OFC center conductor; polyethylene dielectric; clear PVC jacket \$21/m

CC

20-gauge OFC center conductor \$12/m

Speaker Cable

ST-III

Small-gauge stranded continuous-cast-copper conductors used in alternating circular array; single 8-gauge-size jacket. 12 conductor bundles; bi- and tri-wireable \$20/ft

ST-II. As above, eight conductor bundles in 1-gauge-size jacket; not tri-wireable \$13/ft

ST-I. As ST-II, six conductor bundles in 12-gauge-size jacket; not bi-wireable \$8/ft

SC-1108

Four conductors; 277 strands of OFC and oxygen-free-silver-clad OFC; round 13-gauge-size jacket \$8/ft
SC-554. As above, spaced parallel cable \$4/ft
SC-384. As 554, flat; 192 strands; 14 gauge \$3/ft

Model 2100C

1,050-strand OFC conductors; PVC jacket; 10 gauge \$2/ft

Model 826C. As above, 413 strands; 12 gauge \$1/ft

Model 210C. As 826C, 105 strands; 16 gauge \$0.55/ft

Baby Bat. As 210C, 41 strands; 18 gauge \$0.20/ft

Custom-Install Cable

CL-3, Class 3 rated; 14 to 18 gauge; 7 to 105 strands \$NA

Connectors

RCA, XLR, gold-plated banana plug, crimp, and other types of connectors are available \$6.50-\$47/pr

BP-HEX/OFC Binding Post

Gold-plated OFC. Designed for chassis that use inside mounting nuts. Set \$95

VAN DEN HUL

Van Den Hul Cables

Interconnect and speaker cables using patented Linear Structured Carbon conductors. Featuring metal-free cables and hybrid carbo/metal models with convenient terminations \$75-400/m

WIRE TAPE

Wire Tape Speaker Wire

The following is designed for drywall or plaster wall surface application and can be covered by paint or wallpaper.

18 gauge, 2 conductor. Adhesive backing. 50 ft \$40
As above, 25 ft \$20

As above, 8 copper connectors and covers. 16 ft \$20
8 copper, spring-loaded, quick-disconnect wire connectors and 8 rubber insulated covers for Wire Tape \$5.95

YAMAHA

YOX-1100EX. Fiber-optic cable. 1-m pr \$12

ACOUSTEX

AcousTex Speaker Fabric

100% flame-retardant polyester fabric that can be used for speaker grilles, entertainment centers, or home theater systems. Features design for 98% sound transparency. 50 standard colors; custom dyeing available. 66-in width\$28/yd

ADCOM

ACE-515 AC Line Enhancer

4 switched 2-prong outlets; 2 switched 3-prong outlets; 1 unswitched 3-prong outlet. Features RFI and EMI filtering; surge and transient voltage protection; turn-on/off delay. 17 x 3 3/4 x 7 in; 8 lb\$180

GFS-6 Speaker Selector

For 6 speaker pairs and amplifiers up to 200 W/ch. Features switchable minimum-impedance amplifier protection. Gold-plated 5-way binding posts. 17 x 3 3/4 x 6 in; 6 lb\$175

GFS-4. As above, for 4 speaker pairs\$150

GFS-3. As above, for 3 speaker pairs. 8 1/2 x 3 3/4 x 6 in; 3 lb\$100

Rack Mount Adaptors

Aluminum. For Adcom equipment.

RM-5. For 5-in-high component\$35

RM-7. For 7-in-high component\$35

RM-3. For 3-in-high component\$30

RM-4. For 4-in-high component\$30

ALLSOP

Model 18592. DCC cleaning system with brushes and pads for record/play head, tape path, and tape guides. Includes Ultrreen 144 solution\$30

Model 51500. Powered radial CD cleaner. Includes Ultrreen 144 solution\$30

Model 56500. CD laser-lens cleaner with voice instructions and 8 brushes\$16.99

Model 77000. AC-powered cassette-deck demagnetizer\$14.99

Model 51000. Radial CD cleaner. Includes Ultrreen 144 solution\$12.99

Model 52010. Slotless CD organizer holds 25 discs. Stackable or wall mountable\$9.99

Model 71000. Cassette-deck cleaner cleans tape path and head. Features wiper arm; replaceable cleaning pads. Includes Ultrreen 144 solution\$5.99

Model 70000. As above, cleaning pads not replaceable\$4.99

Model 72000. Model 71000 with storage sleeve\$8.99

Model 73500. Model 71000 with storage base\$11.99

Model 71010. Refill kit for Models 71000, 72000, and 73500. Includes 3 sets of replacement heads, capstan and pinch roller cleaning cartridges, tweezers, and 1/2-oz cleaning solution\$4.99

Ultrreen 144. Cleaning solution for any wet-type CD or cassette-deck cleaning system. 2 oz\$4.99

Model 50100. Lint-free cloth to clean CDs\$3.99

Model 52050. Jewel case. 2 pk\$2.99

ALPHA CONSUMER PRODUCTS

MMD-96 Storage Cabinet

Holds single or double CDs, audio cassettes, MDs, DCCs, 8mm or VHS-C tapes, or video games. Doors; non-skid feet. Wall mountable\$25

MM-96. As above, without doors\$14.99

ACR-60 Cassette Storage Unit

Holds 60 cassettes. Styrene construction; non-skid feet. Wall mountable\$9.99

ACS-48 Cassette Storage Unit

Holds 40 cassettes. Polypropylene construction; de-



tachable clear lid. Stackable. Includes adhesive content labels\$7.99

CD Storage Units

CDSP-384. Holds 384 CDs including 32 doubles in rotating 8-level cabinet. Non-skid feet\$80

CDSP-288. Holds 288 CDs including 24 doubles in rotating 6-level cabinet. Non-skid feet\$60

CDSP-192. Holds 192 CDs including 16 doubles in rotating 4-level cabinet. Non-skid feet\$35

CDSP-96. Holds 96 CDs including 8 doubles in rotating 2-level cabinet. Non-skid feet\$25

CDT-120. Holds 120 CDs including 10 doubles angled within double tower\$25

CDTD-120. Above with gloss door\$40

CDRD-60. Holds 60 CDs including 2 doubles. Magnetic door closure; non-skid feet\$19.99

CDT-60. Holds 50 CDs including 5 doubles angled within tower\$14.99

CDTD-60. Above with gloss door\$25

CDR-60. Holds 60 CDs including 2 doubles. Styrene construction. Non-skid feet. Wall mountable\$9.99

CDRD-36. Holds 36 CDs including 3 doubles. Stackable\$9.99

PCD-32. Holds 32 CDs in heat-resistant thin case with snap closure and clear sleeves\$9.99

PCD-12. As above, holds 12 CDs\$5.99

CDR-36. Holds 36 CDs including 3 doubles. Non-skid feet. Stackable\$8.99

CDS-72. Holds 72 CDs including 4 doubles. Polypropylene construction; clear detachable lid. Stackable. Includes adhesive content labels\$7.99

CDS-24. Holds 24 CDs. Polypropylene construction. Stackable. Black, green, or purple\$4.99

CDF-20. Holds 20 CDs. Flip design\$3.99

CDO-12. Holds 12 CDs including 1 double. Styrene construction; non-skid feet. Stackable; wall mountable\$3.99

AMERICAN RECORDER TECHNOLOGIES

K-151. Cassette cleaner with demagnetizer in storage case\$36

LLCD-1. Laser-lens cleaner and radial CD cleaner\$36

D-511. Professional wand demagnetizer\$30

D-501. Electronic cassette demagnetizer\$25

CD-121A. Radial CD cleaner with cleaning fluid\$25

LL-151. Laser-lens cleaner with dual-brush system\$25

K-2000. CD carry bag with accessory pouch\$25

K-141. Cassette cleaner with replacement pads in storage case\$14.95

CD-101A. Manual CD cleaner with cleaning fluid\$11.95

S-711. Intra-clean head cleaner. 2 oz\$9.95

JB-105. Replacement CD jewel boxes. 5 pk\$6

CS-1. Audio cotton swabs. 100 pk\$3.95

ANNIS

Model 25 Pocket Magnetometer

Measures residual magnetism in metal objects such

as tape heads. Scale: -400 to 400 gauss	.....\$149
-300 to 300 gauss	.....\$147
-200 to 200 gauss	.....\$146
-0.5 to 0.5 gauss	.....\$74
-1 to 1 gauss	.....\$66
-100 to 100 gauss	.....\$62
-2 to 2 gauss	.....\$60
-50 to 50 gauss	.....\$57
-5 to 5 gauss	.....\$56
-10 to 10 gauss	.....\$54
-20 to 20 gauss	.....\$52

Hand-D-Mag

Tape-deck demagnetizer. Kit versions include a Pocket Magnetometer, a clip-on extension probe, and a set of steel test strips.

Model 220TL. Thin 3/4-in probe. 220 V	.....\$47
Kit version	.....\$106
Model 115TL. Thin 3/4-in probe. 115 V	.....\$44
Kit version	.....\$103
Model 220TS. Thin 2 1/4-in probe. 220 V	.....\$39
Kit version	.....\$98
Model 115TS. Thin 2 1/4-in probe. 115 V	.....\$36
Kit version	.....\$95
Model 220-L. 4 1/4-in probe. 220 V	.....\$43
Kit version	.....\$102
Model 115-L. 4 1/4-in probe. 115 V	.....\$40
Kit version	.....\$99
Model 220-S. 2 1/4-in probe. 220 V	.....\$35
Kit version	.....\$94
Model 115-S. 2 1/4-in probe. 115 V	.....\$32
Kit version	.....\$91

ARTECH

Blu-Tack

Energy-transmission material for use between speakers and stands. 4 1/4 x 2 1/4-in slab\$10

ATLANTIS

C4 Audio Rack

Stackable audio-component rack. Sand-fillable pillars; shelf decoupling with spikes; provisions for hiding wiring. Various finishes. 4 shelves\$275

C2. As above, 2 shelves\$150

C1. As above, 1 shelf\$100

Junior. Audio component rack. 4 shelves. Granite-like wood shelves. 16 1/2 x 34 3/4 x 22 in\$159

Speaker Stands

Signature. Metal with spikes. Features injected-molded neoprene insert; 6 1/2 x 7 1/2-in speaker platform. 16-, 20-, or 24-in height\$130

AS1 Speaker Stand

Designed for surround speaker. Features adjustable-height 5 1/2 x 6 1/4-in speaker platform. 10 x 39 x 12 in\$99/pr

SB. Metal with spikes for top and bottom. Sand fillable; 7 x 7-in speaker platform. 12-, 16-, 20-, 24-, or 28-in height\$99

A. Metal with spikes. 7 x 7-in speaker platform. 12-, 16-, 20-, or 24-in height\$63/pr

AUDIOCONTROL

R-13# 30-Band Spectrum Analyzer

Center frequencies 1/2-oct apart. Features low or high input gain; selectable left, right, mic, or 2-channel display; selectable 2- or 4-dB display steps; switchable display speed. Balanced-XLR and unbalanced-RCA connectors. Includes digital pink-noise generator and calibrated lab-grade mic. FR 20-20,000 Hz ±1 dB; THD C.002%. 5-yr warranty\$649

AUDIOLAB ELECTRONICS

TD-4A Bulk Tape Degausser

Erases audio and video tape including reels up to 1-in width and DAT. Features high/low-power option; thermal protection with overheat indicator; auto fan

cooling\$950

TD-1B Bulk Tape Degausser

Erases audio tape including reels up to 1/2-in width. Features thermal protection\$135

AUDIO MACHINE & DESIGN

SUPPORT 3's Speaker Stand

Cone-type design; 3 required for one speaker. Features multiple-level multiple-frequency directional coupling. Black; fabric covered. 18-in height. Set of 6\$650
Conelets. As above, 7-in height, one needed for component. Black natural finish. Each\$50

AUDIO POWER INDUSTRIES

AC Power Conditioners

Each of the following, except Power Enhancer, is a set of AC outlets with filtering, damping, and protection for amplifiers and isolation for source components.

Power Wedge 1118 AC Power Conditioner

6 unswitched isolated outlets; 6 switched isolated outlets; 1 high-powered outlet; 4 switched amplifier/receiver outlets; one configurable switched/unswitched outlet. Features remote operation capability. Rack-mount enclosure. Dimensions: 19 x 5 1/2 x 12 in; 48 lb\$1,199

Power Wedge 113. For 4 amplifiers and 3 high-wattage video components. 5 1/2 x 5 x 14 1/2 in; 25 lb\$599

Power Wedge 116. For 4 amplifiers and 6 audio source components. 14 1/2 x 5 x 5 1/2 in; 25 lb\$599

Power Wedge 114. For 4 amplifiers and 4 audio source components. 5 1/2 x 5 x 11 1/2 in; 18 lb\$479

Power Wedge 112. For 4 amplifiers and 2 audio source components. 5 x 5 1/2 x 8 1/2 in; 13 lb\$359

Power Wedge 122. As Model 112, for 20 amperes. 14 lb\$459

Power Wedge 110. For 6 amplifiers. 5 1/2 x 6 1/2 x 4 in; 7 lb\$259

Power Enhancer I. Provides parallel filtering and damping for high-current amplifiers. Features voltage meter. 5 1/2 x 4 x 6 1/2 in; 7 lb\$229

Power Pack Model I. Outlets for 4 analog and 2 digital components. 5 1/2 x 4 x 6 1/2 in; 7 lb\$229

Power Pack Model II. As above, 1 1/4 x 3 1/4 x 13 1/4 in\$229

AUDIOQUEST

RF Stoppers. Ferrite clamps to prevent digital and radio-frequency interference. 4 pk\$50

Ultraconnect. Electrical contact cleaner. 1 oz\$30

LaserGuide. CD treatment to control refraction. 2 oz\$20

Sorbothane Big Feet. Vibration-absorbing feet for audio components. Supports 40 lb. 4 pk\$50

Sorbothane Little Feet. As above, supports 20 lb\$30

Sorbothane Self-Stick Sheet. Damping sheet with adhesive\$15

AudioQuiet. Sound panel. Choice of 54 fabrics. Available in any size up to 5 x 10 ft. \$100 per panel plus\$10/sq ft

Record Accessories

Sorbothane Record Mat. Damps record and platter\$50

Record Brush. Cleans and controls static. 1,000,000 carbon fibers\$15

HL-5. Headshell leads. Silk-wrapped LC-0FC Litz design. 4 pk\$10

AUDIO RESEARCH

BL1 Balanced-Line Driver

Converts unbalanced line-level signal to balanced

signal. Features vented aluminum chassis; rubber feet. RCA inputs; XLR outputs 13 x 3 x 7 in; 4.4 lb\$695

AUDIOSOURCE

LLC-3 Utility CD

CD combining laser-lens cleaning, narrated test instructions, and music selections. Features instructions for stereo and Dolby Pro Logic system set-up and channel identification; phase and sweep tones; digitally recorded music selections chosen to highlight musical aspects\$30

MDC-3. As LLC-3, MD version\$30

AVIA

Speaker Stands

Basik or Basik Plus Speaker Stands

Black Oak Vinyl series and Plus Wood Standard series available in natural, dark oak, walnut, black oak vinyl or black textured vinyl finish.

32-in\$70

24- or 28-in\$60

16- or 20-in\$50

8- or 12-in\$40

Sigma-Delta Speaker Stands

Mass-loadable metal stands.

28-in\$150

24-in\$145

20-in\$140

SL-Series Speaker Stands

Slim tubular steel construction. Black textured finish.

24-, 28- or 32-in\$99

AV LINE

RZCAB 1200 Pre-Construction

In-Wall Speaker Cabinets

Designed for, and precisely controls the bass response of, the W6P+ and W8+ speakers; prevents sound transmission through walls or ceilings into adjacent rooms. Features Medite construction; Roto-zip design means drywall crew cuts speaker opening for you; fits 16-in or 24-in on center studs/joists; adjustable mounting bracket system. White finish. 14 x 34 1/2 x 3 1/2 in\$99.95/pr

ZCAB 700 Pre-Construction

In-Wall Speaker Cabinets

Designed for, and precisely controls the bass response of, the W5P+ speaker; prevents sound transmission through walls or ceilings into adjacent rooms. Features Medite construction; Roto-zip design; fits 16-in or 24-in on center studs/joists; adjustable vertical or horizontal orientation. White finish. 12 x 22 x 3 1/2 in\$79.95/pr

The following come already assembled; must be nailed in place; fit 16-in or 24-in on center stud/joist spacing; allow horizontal or vertical orientation, adjustable positioning.

RZB5 Pre-Construction Roto-zip Brackets

Fits W5 speaker\$30/pr

RZB52. Fits W5P+\$30/pr

RZB62. Fits W6P+\$30/pr

RZB82. Fits W8+\$30/pr

BANG & OLUFSEN

Beolink 5000 A/V Remote Control

For use with current Bang & Olufsen A/V components. Multiroom capability; buttons for less-often-used functions on back; one-touch source selection; numeric keypad; room-lighting control functions, including manual/programmed on/off and dim, with optional LC1 module; LCD viewable from front or back. Black with brushed-aluminum front panel\$500

BASIS

The Basis Clamp. Clamps record to turntable platter without requiring more than one revolution to

tighten\$215

BEL CANTO DESIGN

LightLink Fiber-Optic Adaptor

Transmitter adapts coaxial digital input to AT&T ST fiber-optic digital output. Works with fiber-optic cable up to 30-ft long. Features digital-noise removal; ground-loop breaking. Includes AC adaptor. 3 1/4 x 3 1/4 x 1 1/2 in\$250
 Receiver adapts AT&T ST fiber-optic digital input to coaxial digital output\$250
 Transmitter and receiver\$450

BELL'OGGETTI

The following are furniture designed to hold a TV and other A/V components. All are made of black metal with AVS-777 and AVS-767 having glass shelves. Each incorporates a system for securely hiding power cords and interconnect cable

AVS-777. Holds 32-in TV and 4 A/V components. 26 x 34 x 22 in\$850

AVS-767. As above, different design. 31 1/2 x 34 x 19 in\$850

AVS-707. Holds 30-in TV and 3 A/V components. 27 x 30 x 19 1/2 in\$400

AVS-656. Holds 20-in TV and 3 A/V components. 21 x 34 x 24 in\$370

BIB

C-100 CD Storage Tower

Holds 50 CDs. Aluminum/steel construction; detachable base for wall mounting; angled storage slots; 10-step powder-coat paint finish. Black, white, silver/gray, red, or blue. 6 x 45 x 4 1/2 in; 6.5 lb\$90
C-100LK. Above with clear, blue, pink, purple, or red neon lighting\$130

C-639A. CD laser-lens cleaner\$19.95

C-619. CD restorer polish. 400 applications\$12.95

C-615. Storage for 20 CDs with CD restorer cloth and solution\$12.95

C-641. CD selector\$7.95

A-10. Cassette head cleaning system\$12.95

A-12. Tape head cleaning fluid\$5.95

A-8. Head-cleaning cassette\$2.99

Gold Pro Series

A-655. Spray-bottle CD restorer polish with optical-grade polishing cloth. Includes storage box. 600 applications\$19.95

A-632A. Cassette to clean tape head and path. Includes fluid, head-cleaning applicators, brush, and storage case\$14.95

BILLY BAGS

Each of the following features steel frames using round or rectangular steel or I-Beam steel, laminates for tops, shelves, and plate glass, and a black powder-coat finish. Isolation tips or casters are available for all products.

Wide-Body Component Rack

3 shelves including top. 4 bays within shelves; 8 in between shelves; leg vibration dampers. 96-in width x 28-in height\$1,428

REC-RACK Component Rack

Customer-specified shelf spacing. Features self-locking casters; 1 x 2-in rectangular steel columns; 3/4-in round tubular steel shelf supports with 2 platforms per shelf. Wall-mount brackets optional. 400-lb capacity. 20-in width x 17-in depth\$1,200

The Media Raxx A/V Component Rack

1 adjustable audio-component shelf; 3 fixed audio-component shelves; TV shelf. Features 1 x 2-in rectangular steel columns. Includes component duster. 42 x 75 x 24 in\$1,198

I-Beam Twin Towers Component Rack

6 shelves with customer-specified spacing. Features four 3-in I-Beam columns; 3/4-in steel bars supporting 3/8-in plate-glass shelves with polished edges. Includes wall-stabilizer brackets. Dimensions: 35 1/2 x 72 x 18 in\$1,152

Model 5500 Component Rack

8 shelves including top. Features 26 x 20 1/2-in top with beveled edges and 45° corners; leg vibration dampers. Custom height and shelf spacing available. 22-in width x 18 1/2-in depth\$992
6 shelves including top\$870
4 shelves including top\$724
3 shelves including top\$656

The Audio Center Audio Component Rack

6 adjustable-height 3/8-in plate-glass shelves with polished edges. Features 1 x 2-in rectangular steel columns; shelves adjustable every 2 1/2 in; 3/4-in round tubular steel shelf mounting bars with clear finish; inserts and fasteners for interconnects. Wall-mount brackets optional. Includes duster\$968

I-Beam Component Center

3 I-Beam steel columns with 18-in-high TV shelf and one-component shelf on one side, 4 shelves on other side. Features design to withstand 8.7 on Richter scale\$798

Model 4800 A/V Component Center

4 shelf spaces; 48-in top for video monitor. 6 legs. 48 x 24 x 20 1/2 in\$718

Model 5000-1 Component Table

52 x 20 1/2-in top. Provisions for hiding wiring. 30-in height\$678

Model 2214. Stool with casters designed for use with above\$298
Model 2214 without casters\$258

Model 1000-CD CD Rack

Holds 1,000 discs in 10 shelves. Dimensions: 42 x 77 x 7 in\$599

Model 2300 Component Rack

4 shelves plus top. 23 x 18-in top; 18 x 15-in shelves. Features leg vibration dampers. 23 x 18 x 36 in\$538

Model 5000-24 Entertainment Center

Two 48 x 18 1/2-in shelves; 52-in top for video monitor. Features leg-vibration dampers. 52 x 24 x 20 1/2 in\$538

I-Beam Speaker Stand

Customer-specified height. Features 1/4-in steel plate base. 12 x 12-in base. 32.5 lb\$298

Model 1823 Amplifier Stand

Beveled-edge top with 45° cut corners; leg vibration dampers. 23 x 18 x 18 in\$278

Model 1824 Component Rack

Stackable rack for one component. Features 1-in round tubular steel; leg vibration dampers; isolation toes; laminate shelf. Customer-specified height in 1-in increments. 24-in width x 18 1/2-in depth. 8- to 12-in height\$228
3 1/2- to 7-in height\$218

Model 2020 Amplifier Stand

Amp stand with Isolation Tips. 20 x 3 x 20 in\$139

AD-24 Equipment Duster

Designed to hang off some Billy Bags A/V furniture\$19.95

BRIGHT STAR AUDIO

The Rack of Gibraltar

Open-frame fully welded steel equipment stand. Features mass-fillable 14-gauge tubing; 4 MDF shelves; 3-in 1/2-in-thick steel spikes. Dark-granite finish; black granite optional. 25 x 51 x 22 in; 104 lb\$1,495

Little Rock Isolation Pods

Damping pod for placement atop components to reduce resonances and protect from EMI and RFI. Dark or black granite. 14 x 10 x 1 1/2 in; 19 lb or 17 x 13 x 1 1/2 in; 26 lb. Price starts from\$129

Big Rock Isolation Platform

Sand-filled platform to shield components from outside vibrations and absorb internal resonances. Available in 6 sizes in dark- or black-granite finish. Price starts from\$125

BROOKLINE TECHNOLOGIES

Volume Stabilizers

The following provide dynamic-range compression in any type of system.

VS311

Provides constant volume level via auto dynamic-range compression. Features 12-V AC operation. Variable 1:1 to 10:1 compression; boost up to 30 dB, cut down to 10 dB; bypass switch; light indicators. Headphone jack; variable-level outputs. Includes transformer. 5 1/2 x 1 1/2 x 5 in\$180

VS301. As above, without headphone jack or variable-level outputs\$150

VS201. As VS301, 2:1 and 10:1 compression settings only\$120

BUSH

HT5911 Home Entertainment Center

Holds TV up to 32 in. Features compartments for home-theater front and center-channel speakers; eye-level audio compartment with 2 adjustable shelves; 3 side storage areas for 80 CDs with space for audio or video tapes; curved tempered-glass doors over upper audio compartment. Lyons oak finish. 47 1/4 x 64 1/4 x 21 1/4 in\$800

AV4411 Home Entertainment Center

Holds TV up to 35 in. Features eye-level component area with 2 adjustable shelves; adjustable VCR shelf; 2 touch-release CD storage racks for 120 CDs with tempered-glass front doors; 2 enclosed side areas for 70 video cassettes, 240 audio cassettes, or accessories; 2 speaker compartments with hinged speaker-grille covers; open storage compartment with adjustable shelf for center-channel speaker. Melamine-impregnated Colony oak finish. 53 3/4 x 68 3/4 x 19 3/4 in\$670

AV0623 Home Entertainment Center

Holds TV up to 32 in. Features 2 swing-out side compartments; speaker compartments with hinged grille-cover doors; audio section with 3 adjustable shelves and tempered-glass door. Dalton oak finish. 67 3/4 x 48 x 20 1/2 in\$530
AV0723. As above, Dover oak finish\$550

AV4410 Home Entertainment Center

Holds TV up to 32 in. Features adjustable VCR shelf; storage area for 35 video cassettes, 100 audio tapes, or accessories with swing-out door; touch-release storage rack for 60 CDs with tempered glass door; component area with 3 adjustable shelves and framed tempered glass door. Melamine-impregnated Colony oak finish. Dimensions: 60 1/4 x 52 1/4 x 19 3/4 in\$480

AV0709 Home Entertainment Center

Holds TV up to 27 in. Features 4 side shelves with swing-out door; audio compartment with 2 adjustable and 1 fixed shelves and tempered-glass door; accessory storage area under TV with 2 doors. Dover oak finish. 54 1/4 x 45 x 16 1/4 in\$350

AV4409 Home Entertainment Center

Holds TV up to 32 in. Features adjustable VCR shelf; eye-level component area with 2 adjustable shelves and glass doors; side storage area for 35 video cassettes, 120 audio cassettes, or accessories with swing-out door; 40-CD storage area with swing-out door. Melamine-impregnated Colony oak finish. 41 1/2 x 60 x 16 1/2 in\$350

Model 7939 Home Entertainment Center

Holds TV up to 32 in. Features pedestal design; eye-level component area with 2 adjustable shelves; touch-release rack for 40 CDs; open side storage area for 27 video cassettes, 96 audio cassettes, or accessories; tempered-glass doors with touch-latch closure; 1-in-thick cabinet panels. Melamine-impregnated Dalton oak finish with matte-black interior. 40 1/4 x 58 3/4 x 19 1/2 in\$300

CAIG LABORATORIES

ProGold Professional A/V Maintenance Kit

Contact cleaner, enhancer, and lubricant in environmentally safe aerosol can. Features no carrier solvent; metered can valve; penetration of plated surfaces; molecular bonding to base metals for protection and sealing. Includes applicator pen, CalKleen cleaning alcohol, OpticALL for glass, metal, and plastic cleaning, lint-free cloths, swabs, and cleaning brushes\$53
ProGold. As above, without OpticAll or CalKleen\$33

CASE LOGIC

T30. Storage unit for 30 cassettes. Wall mount\$4.95

CD Storage Units

CDT500. 2-sided revolving tower holds 500 CDs. Oak or black woodgrain finish\$200

CDT240. Revolving tower holds 240 CDs. Oak or black woodgrain finish\$120

PF200 CD Storage Unit

Holds 200 CDs without jewel boxes in 3 drawers. Features proprietary storage sleeve for each disc; dividers for each drawer. Stackable\$100

CMC250. Cabinet holds 250 CDs in 5 shelves. Adjustable sliders on each level. Oak or black wood-grain finish\$80

CMC150. As above, holds 150 CDs in 3 shelves\$50

CMC100. As CMC250, holds 100 CDs in 2 shelves\$40

SD80. Holds 80 CDs. Features slide-in light; doors\$35

SR80. Tower holds 80 CDs\$25
SR50. As above, holds 50 CDs\$16.95

PD99. Holds CDs, cassettes, and videocassettes. Features 2 doors; 6 adjustable shelves\$35

CD99. Holds 99 CDs. Features 3 slots for double CDs. Stackable; wall mountable\$25

PD30. Holds 30 CDs. Features 6 slots for double CDs; door. Stackable; wall mountable\$14.95

TCD30. Holds 30 CDs. Features 4 slots for double CDs. Stackable; wall mountable\$8.95

CDR30. Cabinet with doors holds 30 CDs. Stackable. Platinum\$14.95

CDR10. As above, holds 10 CDs\$6.95

CD3 STORAGE SYSTEMS

CE401B CD Storage System

Holds 40 CDs. Stores CDs horizontally with space between discs. Features cover that holds disc-title sheet, disc access by moving indicator to title of disc on title sheet and then opening cover; locking carrying handle. Black\$30
PC401W. As above, white\$30

CE16B. Modular portable CD storage system holds 16 CDs. Includes shoulder strap\$NA

CELLO

Etude Source Selector

Passive design. Features 4-position input selector; 58-position output attenuator. 4 unbalanced inputs; one unbalanced output. 9 1/2 x 4 x 8 1/2 in\$1,500

COGNEO DESIGNS

The following hold CDs vertically in their jewel boxes and are designed to be placed over a CD changer. Each measures 17 x 3/4 x 5 1/2 in.

- CM60B. For 6 CDs. Black\$25
- CM60N. For 6 CDs. Natural finish\$25
- CM50B. For 5 CDs. Black\$25
- CM50N. For 5 CDs. Natural finish\$25

COUNTERPOINT

PAC 15 AC Line Filter

For use with power amplifiers; available in 100- and 120-V versions\$425
PAC 5. As PAC 15, for use with line-level components\$295

CWD

Woodstock I Entertainment Center

Shaker-style hand-crafted design with drawers, glass door, and shelves. Accommodates TV up to 35 in. Satin blue with cherry, Hunter Green, Natural Spice, CWD Cherry, Spice, or mahogany finish. 57 7/8 x 68 7/8 x 25 1/2 in\$1,790
Woodstock II. As above, 57 7/8 x 48 x 25 1/2 in\$1,200

FineLine Big Video Cabinet

Holds 35-in TV and 2 electronic components. Features glass doors. Medium or black oak finish. 42 x 40 1/4 x 20 in\$480

FineLine Audio + Audio Cabinet

For 35-in TV and 4 electronic components. Medium or black oak finish. 21 x 40 1/4 x 21 in\$370

Woodmore Smallboy/Lowboy/Highboy

Modular cabinet system with shelves and/or casters. Various styles\$355-\$560

FineLine Tall Audio Cabinet

3 shelves and glass doors for audio components. Medium or black oak finish. 42 x 20 1/2 x 21 in\$330

FineLine Short Audio Cabinet

Electronics behind wood doors or with software-storage drawers. Medium or black oak finish. 21 x 20 1/2 x 21 in\$260-\$350

Woodmore Software Cabinet

5 adjustable shelves for CDs and tapes including stacking/base rail. 42 x 24 x 19 in\$255

Woodmore Entertainment Center

Modular cabinet system with various styles, finishes, and accessories\$230-\$390

DAY SEQUERRA

FM Urban Indoor Antenna

Passive design. Features J configuration; vertical polarization. F connector. 2 3/4 x 5 9/16 x 1 1/8 in; 5 lb\$385
 Base for above\$150

DB SYSTEMS

DB-2A. Power supply for many DB Systems components\$125

DBP-11. Phono capacitance switch box provides switchable loading for 2 MM cartridges. Gold-plated connectors\$80

DBP-11MC. As above, provides resistance for 2 MC cartridges\$80

DBP-11/11MC. As above, provides capacitance loading for 1 MM cartridge and resistive loading for one MC cartridge\$80

DBP-2J/5. Passive switch box for 5 sources\$70

DBP-2JAU/5. Above with gold-plated connectors\$90

DBP-6. Phono EQ kit to add capacitance from 100 to 400 pF on phono input of any preamp or receiver\$37

DBP-6MC. MC-phono-cartridge resistive-loading kit to add resistance from 10 to 200 ohms. Custom resistances available\$37

DBP-SC. Polycarbonate-plastic record clamp\$30

DBP-10. Phono alignment protractor to check lateral and vertical tracking angles of mounted phono cartridge to within 1/4 degree\$30

DBP-CK Cramolin Audio Maintenance Kit

Contact-cleaning system for all connectors and non-soldered contacts. Dissolves and prevents oxide-film formulation. Includes 2-dram vial of cleaner, 2-dram vial of lubricator/preservative, and lint-free applicators\$19.95

DBP-18. 6-dB/oct subsonic filter for phono inputs. -3 dB at 25 Hz with input imp 47,000 ohms\$15.95

DBP-VSP. Voltage spike protector. 15 amp-eres\$14.95

Various Test CDs\$13-\$110

DBP-16. 12-dB input-level attenuator. Input imp 13,000 ohms, output imp 2,500 ohms. Custom values available\$12.95

Jewel Box Parts

DBP-FB. Clear front and back. 5 pk\$3

DBP-DB. Double box\$2.50

DBP-JT. Black inside tray. 3 pk\$1

DENNESEN

Soundtractor. Phono-cartridge mounting protractor to measure overhang and offset angle\$100

Polaris. Dual telescoping indoor FM antennas with one antenna serving as passive reflector of signal for other active antenna\$44

DISCWASHER

CD Cleaning Accessories

HydroBath Cleaner/Dryer. Non-contact CD cleaning system. Battery powered\$60

CD6+. 16-oz fluid for above\$14.95

6 oz\$9.95

Motorized CD Cleaner. Twin-pad radial mechanism with auto stop. Operates on 2 C batteries or AC adaptor. Includes replacement pads and 1-oz CD-1 cleaning fluid\$25

Refill kit with 4 replacement pads and 1-oz CD-1 solution\$5.95

CDL2 CD Laser-Lens Cleaner. Wet/dry cleaning system for CD player's laser lens. Includes 10-ml CDL2 cleaning solution, cleaning discs, and replacement pad\$19.95

Refill kit with 3 wet/dry cleaning pads and 10-ml CDL2 solution\$4.95

Stealth Radial CD Cleaner. Wet-type radial cleaning system. Includes pad and 1-oz CD-1 cleaning fluid\$19.95

Discwasher Compact Disc Cleaner. Includes cleaning unit, CD-1 cleaning fluid, and extra cleaning pad. 14 oz\$17.95

Refill kit with 2 replacement pads and 1-oz CD-1 fluid\$5.95

Discwasher CD-2 Polish and Scratch Remover. Removes minor scratches from CDs. Includes 1-oz CD-1 fluid, 1-oz CD-2 polish, 6 swabs, and 4 polishing wipes\$10.95

CD-1 Cleaning Fluid. For use with Stealth Radial CD Cleaner or Motorized CD Cleaner. 4 oz\$7.95

DiscStic CD Cleaner. Pocket-sized cleaning pen with 0.2-oz fluid. Includes 5 cleaning pads\$6.95

Without pads\$5.95

CD CleanCloth. Micro-fiber cloth to remove contaminants from CDs, videodiscs, or record surfaces. Washable\$3.95

CDeez Polishing Wipes. 30 non-abrasive cleaning cloths\$2.95

Record Care Accessories

Zerostat Static Remover Gun. Eliminates static

electricity from records, CDs, or videodiscs\$60

D4+ Record Cleaning System. Includes pad with walnut handle, 1 1/2-oz D4+ cleaning fluid, and pad-grooming brush\$19.95

16-oz refill fluid\$14.95

6-oz refill fluid\$9.95

1.25-oz refill fluid\$2.95

D'Stat II Turntable Mat. Carbon-impregnated fibers designed to reduce static on turntables\$12.95

SC-2 Stylus-Care System. Includes stylus brush with magnifying mirror mounted in walnut handle and SC-2 cleaning fluid\$7.95

0.34-oz refill fluid\$1.95

V.R.P. Record Sleeves. 10 pk\$7.95

CD Accessories

Sonic Circles. Stabilizer rings that attach to CDs to reduce vibrations and improve sonics. 25 pk\$25

10 pk\$10.95

5 pk\$5.95

CD Storage System. Lightweight ABS plastic with pivoting storage clip. Holds 20 CDs. Wall mountable. 6 x 2 x 14 1/4 in\$17.95

D-Box Carrycase. Holds 15 CDs\$10.95

D-System Storage. Holds 14 CDs. Horizontal or vertical stacking. Wall mountable\$9.95

CD Jewel Boxes. 2 pk\$1.95

Tape-Deck Accessories

D'Mag Cassette Deck Demagnetizer. Eliminates magnetism from tape heads and other tape-drive components\$14.95

TapeDeck CareSet. Includes Perfect Path cassette-head cleaner, C.P.R. capstan/pinch-roller cleaner, C.P.R. cleaner fluid, and storage case\$12.95

Without storage case\$10.95

System II Cassette-Care Kit. Includes tape-path cleaning cassette, C.P.R. cleaner fluid, and storage case\$11.95

Without storage case\$9.95

D-System Storage. Holds 10 cassettes stacked vertically or horizontally. Wall mountable\$9.95

C.P.R. Capstan and pinch-roller cleaning unit with C.P.R. cleaner fluid\$8.95

D-Box Carrycase. Holds 24 cassettes\$7.95

12-cassette version\$5.95

Perfect Path. Grid-cleaning tape removes oxides and contamination from tape heads. Includes storage case\$5.95

Without storage case\$4.95

Cassette Head Cleaner. Dry cleaning system; removes dust and dirt from tape path. Includes storage case\$3.95

Without storage case\$2.95

System II C.P.R. Cleaning Fluid. For use with System II cleaning unit and C.P.R. cleaner. 0.34-oz\$2.95

Cassette Storage Cases. Plastic. 4 pk\$2.49

D.W. ELECTROCHEMICALS

Stabilant 22A

Block polymers designed to improve the conductivity of electrical contacts. Isopropyl-alcohol-diluted solution. Helps remove thin-film rectification effects which cause RF demodulation. 15 ml\$36

DYNACLEAR

Socket Savers. Nylon tube-socket cleaning brush\$16.95

Postman. Wrench for 1/2 or 3/8-in binding post\$7.95

Pure Ferrites

Military-grade split ferrite core to eliminate high-frequency hash on interconnects, speaker cables, digital cables, and power cords. 1/2 in\$7
 3/8 in\$4

ENSEMBLE

Speaker Stands

Landmark Speaker Stands
 Features 6 Ensemble topcones and 8 floor spikes available in gloss black or special order colors.

Height: 26-in (without spikes); top plate: 9 x 8 1/4-in; 34 lb\$1,280/pr

EPIC DESIGNS STUDIOS

The following are slotted CD holders machined from solid aircraft aluminum and anodized in 10 colors. Each rotates on a ball-bearing base and all except DisCPlay are stackable to 4 levels.

DisCDisk Fourty-Four

Square tray holds 44 CDs. Available for all single CDs, singles and 4 double CDs, or 20 double CDs. 12 x 3/4 x 12-in; 3.7 lb\$70

DisCDisk Thirty-Six

Sound tray holds 36 CDs. 12-in diameter x 3/4-in height; 3.2 lb\$67

DisCDisk Twenty-Four

Round tray holds 24 CDs, each at a 15° angle from each other. 12-in diameter x 3/4-in height; 4.7 lb\$60

DisCDeck Twenty

Rectangular tray holds 20 CDs with slight tilt. 12 x 1/2 x 6 in; 2.3 lb\$35

DisCPlay

Triangle single-disc holder. 4 x 1/2 x 2 1/4 in\$10

FINYL

Finyl CD Treatment

Cleans and provides antireflective optical coating for CDs. Includes application cloth and swab.

Finyl 200 Kit. 200 discs\$24
 Finyl 100 Kit. 100 discs\$11.95

GENEVA

PF-208. 1,000-gauss head demagnetizer\$100
 PF-215. 2,800-gauss A/V tape eraser\$90
 PF-211. 2,300-gauss A/V tape eraser\$70
 VR-205. A/V head demagnetizer. 290 gauss\$50
 QM-230. Pass-through cassette eraser\$45
 PF-390. DAT head and tape-path cleaner. For 52 cleanings. Includes solution\$30

PF-578. Adaptor to play mini-plug output through cassette deck\$25
 PF-760. Demagnetizing cassette. Features power switch; indicator light\$18.99
 PF-395. DCC head-and-capstan cleaning tape. Includes solution\$14.99
 PF-575. Record-cleaning system with velvet pad and solution\$9.99
 VR-90. A/V cleaning swabs and spray\$9.99
 QM-505. Cotton cleaning swabs. 25 pk\$8.99
 PF-430. CD jewel box. 2 pk\$3.99

Yellow Jacket CD Storage Units

The following hold discs in jackets with polyester inserts that hold 2 CDs and their cover booklets without jewel boxes. The jackets are removable and fit both home and portable models.

PF-527. Wood wall-mount organizer for 144 discs. Natural-oak finish\$100
 PF-517. As above, black-birch finish\$100
 PF-525. Wood-base organizer for 192 discs. Natural-oak finish\$75
 PF-515. As above, black-birch finish\$75
 PF-520. Wood-base organizer for 96 discs. Natural-oak finish\$55
 PF-510. As above, black-birch finish\$55

PF-505. Holds 96 discs in 48 jackets. Plastic base\$29.99
 PF-500. As above, for 48 discs in 24 jackets\$16.99
 PF-548. 48 refill jackets\$17.99
 PF-524. 24 refill jackets\$10.99
 PF-512. 12 refill jackets\$5.99

CD-Related Cleaners

PF-412. Auto CD cleaner. Features radial cleaning

pattern; 20-second cycle with auto stop. Includes solution. Refill pads or solution available\$40

PF-419. CD-player lens cleaner using air turbulence. Features 40-second cleaning cycle\$25
 PF-426. CD-player lens-cleaning disc. Features polyester cleaning cloth; static removal; left- and right-channel checks\$23
 PF-417. Manual videodisc cleaner. Features pad to hold disc; chamois cleaning pad. Includes solution\$8.99
 PF-425. CD wipe. 70 pk\$7.99
 PF-423. Micro-fiber CD cleaning cloth. Washable\$4.99

Cassette-Deck Cleaners

PF-569. Cassette-head, pinchroller, and capstan cleaning cassette. Features capstan pads; autoreverse cleaning. Includes solution\$14.99
 PF-570. 2-oz head-cleaning solution, 2-oz rubber revitalizer\$12.99
 PF-566. Cassette-head, capstan, and pinchroller cleaning cassette. Wet type\$7.99
 PF-563. Cassette-head, tape-path, and capstan cleaning cassette. Wet type. Features 5-second cycle. Includes extra pads\$7.99
 PF-102. Liquid head-cleaning solution for use with swabs\$7.99
 PF-561. Cassette-head and tape-path cleaning cassette. Wet type. For 10 cleanings\$3.99

GEORGE KAYE AUDIO LABS

Small Signal Tube Checker

Tests dual-triode vacuum tubes. Features built-in speaker; tests for max output, distortion, and noise; gain reading in dB. Headphone jack. Includes audio cassette tutorial. Adaptors for different tube types optional. 1-yr parts-and-labor warranty. 12 1/2 x 4 1/2 x 6 1/2 in\$499

GOLDRING

Perfect Sound Series

The following are to be placed under audio components like speakers, amplifiers, turntables, and CD players to improve performance by reducing mechanical interference.

Model 80-120. Gold cones. 6 pk\$69
 Model 80-128. As above, smaller. 8 pk\$88
 Model 80-320. Gold spikes. 6 pk\$57
 Model 80-520. As Model 80-320, smaller. 8 pk\$52
 Model 85-820. 42-mm gold damper. 4 pk\$48
 Model 85-300. 30-mm gold damper. 8 pk\$40
 Model 80-720. Gold discs. 6 pk\$26

GOLDSTANDS

Model 23-6 Speaker Stand

Features fillable twin-pedestal design; angle variable from 0-15° with speaker in place. 14 x 12-in base; 9 x 11-in top platform\$79/pr
 Model 22-8.5. As above, 10 1/4 x 10 1/4-in base, 7 x 7-in top platform\$60/pr

Model 21-28 Speaker Stand

Features fillable pedestals. Spikes available. 10 1/4-in base; 4 1/2-in top platform; 28-in height\$45/pr

GRYPHON

Gryphon Diffusers

For walls and ceilings; to eliminate first reflections and not absorb frequencies. Includes mirror template. 4 panels\$450

Exorcist Demagnetizer

To demagnetize all components in signal path from preamplifier including interconnects and speakers. Includes 9-V battery\$150

J.A. MICHELL

Headshell Kit. Includes 2 sizes of Allen bolts, washers, and nuts\$4

JASCO

Model 6875. Wood CD storage tower. Holds 90 CDs. Black\$50
 Model 6874. As above, holds 60 CDs\$30

HE8238 FM Antenna

Omnidirectional design. Features proprietary micro-circuitry. Includes 75- to 300-ohm adaptor\$14.95

HE8602 Cassette-Deck Cleaner

Cleans heads, capstans, and pinchrollers. Includes felt cleaning pads and solution\$9.29

HE8621 CD Storage Case

Provides removal of disc from case without handling disc playing surface; disc tilts upward upon lid opening\$6.19

HE8623. CD cleaning cloth. Washable\$5.99

HE8609 Cassette-Deck Cleaner/Demagnetizer

Cleans heads and capstan. Includes cleaning solution\$3.29

HE8658. Dipole FM antenna\$2.89

HE8619. Cassette storage box\$2.19

JVC

RMS1 Programmable A/V Remote Control

Features screen menus for 11 sources; adaptable variable-length coding system; touch-sensitive LCD panel\$250

KAB ELECTROACOUSTICS

EV-1 Record Cleaner

Wet-scrub vacuum-dry process. Uses Nitty Gritty Modular top, fluid, and replacement parts. Oak cabinet\$100
 EV-PRO. Above for 16-in transcription discs\$140

Sonic Domes

Vibration isolation foot. Supports 20 lb. Felt equipment protector. 2-in width x 1-in height. 4 pk\$21

78 Disc: Sweep. Brush with nylon bristles for cleaning 78-rpm records. Wet or dry\$14.95

Jack-Its. RCA-jack protector. Polyethylene. 20 pk\$4

Gliding Platter+

Roller-bearing-assisted replacement platter for all manual Nitty Gritty record cleaners. Includes 45-rpm spindle\$14

Stylus Sweep. Stylus-cleaning brush with nylon hairs\$2

LAT INTERNATIONAL

Sorbathane Big Feet

Sorbathane vibration-absorption foot for components. Supports 15 lb. 2-in diameter x 1 1/4-in height. 4 pk\$25
 Additional foot\$6.25

Clean-Tact. Contact cleaner. 2 oz\$12

Green Line. Green coloring to treat edge of CD. Color or complement of 790-nm laser. 2 oz\$9

C Diamond. CD treatment fills microscopic pores of CD surface. 2 oz\$8

LESLIE DAME ENTERPRISES

CD-2-100KD. Revolving CD tower. Holds 100 CDs plus 8 double CDs. Oak finish\$100

CD-2-100KDR. Revolving CD tower. Holds 100 CDs plus 8 double CDs. Cherry finish\$100

CD-120KD. CD, audio cassette, and video cassette storage rack. Holds 120 CDs, 76 audio cassettes, or 44 video cassette in any combination. Solid oak with oak veneers\$50

Model 23860. CD storage unit. Holds 60 CDs. Solid teak; tambour door\$40

Model 23096. CD storage rack. Holds 96 CDs or 48

double CDs\$35
Model 23064. CD storage rack. Holds 64 CDs or 32 double CDs\$30
CD-236. CD storage unit. Holds 36 CDs. Hand-crafted solid oak. Stackable\$30
CD-20. CD case. Holds 20 CDs. Wood construction; black leatherette finish; key locks\$19.99
CD-24. CD storage unit. Holds 24 CDs. Hardwood construction. Stained and lacquer finish\$19.99
CD-60. CD storage cabinet. Holds 60 CDs in 3 drawers. Walnut-woodgrain finish\$19.99
CD-40. CD storage cabinet. Holds 40 CDs in 2 drawers. Walnut-woodgrain finish\$14.99
CD-24E. CD storage unit. Holds 24 CDs vertically. Plywood construction\$14.99
CD-103. CD and cassette storage unit. Holds 24 CDs, 12 double CDs, or 18 cassettes in any combination. Modular stackable design\$9.99
CD-104. CD storage unit. Holds 40 CDs or 20 double CDs in any combination. 4-sided interlocking design. Modular\$9.99
CG-2010. Flip-file type CD storage unit. Holds 80 CDs. Plastic\$9.99
CG-2012. Flip-file type CD storage unit. Holds 40 CDs. Plastic\$5.99
CD-10. CD storage unit. Holds 10 CDs. Interlocking modular design\$4.99

Super Combo Series

The following are storage units that hold CDs, audio cassettes, and video cassettes.

CD-576KDB. Hardwood. Holds 576 CDs or 345 audio cassettes in any combination; holds 56 video cassettes on top 2 tiers. Black\$190
CD-576KD. As above, solid oak\$190
CD-480KDB. Holds 480 CDs or 288 audio cassettes in any combination; holds 44 video cassettes on top 2 tiers. Black\$130
CD-260KDB. Holds 260 CDs or 160 audio cassettes in any combination; holds 20 video cassettes on top tier. Black\$80
CD-260KD. As above, solid-oak construction\$80
CDV-80KDB. Solid oak. Holds 212 CDs, 128 audio cassettes, or 80 video cassettes in any combination\$70
CDV-100KDB. Solid oak. Holds 260 CDs, 160 audio cassettes, or 100 video cassettes in any combination\$65
CD-250KDE. Holds 250 CDs or 150 audio cassettes in any combination; holds 18 video cassettes on top tier. 5 divider panels. Oak finish\$60
CD-150A. Solid oak. Holds 159 CDs or 96 audio cassettes in any combination; holds 20 video cassettes on top tier. Assembled\$35
CD-150AB. As above, black hardwood\$35
CD-150KD. As CD-150A, unassembled\$35
CD-100A. Solid oak. Holds 106 CDs or 64 audio cassettes in any combination; holds 20 video cassettes on top tier. Assembled\$30

CD Tower Series

The following are CD storage towers.

CD-132. Solid hardwood. Holds 132 CDs in 6 sliding drawers. 2 glass doors; stackable. Black\$130
CD-160. Holds 160 CDs including 8 double CDs. Hand-crafting; angled slots. Oak-grain finish\$70
CD-160B. As above, black-ash finish\$70
CDT-200. Revolving. Holds 200 CDs including 8 doubles. Angled slots. Oak-grain finish\$70
CDT-200B. As above, black-ash finish\$70
CDT-96. Hardwood. Holds 96 CDs vertically or 104 CDs horizontally. Free-standing or wall mount. Oak finish\$50
CDT-96R. As above, cherry finish\$50
CDT-96B. As above, black\$50
CDM-68. Metal. Holds 68 CDs including 4 doubles horizontally. Steel construction; powder-epoxy finish. Black\$35
CDM-68S. As above, silver with black base\$35
CDM-60. Metal. Holds 60 CDs. Steel construction. Black\$30
CDM-48. Metal. Holds 48 CDs horizontally. Free-standing or wall mount; stackable. Black and chrome finish\$25

LDE Classics Series

LP-140. LP storage rack. Holds 140 LPs or videodiscs. Walnut finish\$30
Model 82100. Solid-teak audio-cassette storage rack. Holds 100 cassettes\$30
TA-248. Audio-cassette storage rack. Holds 48 cassettes. Hand-crafted solid-oak construction; stackable\$25
TA-136. Attache-style cassette case. Holds 36 cassettes. Wood construction; black leatherette finish; key locks\$25
HI-42C. Audio-cassette storage cabinet. Holds 42 cassettes in 3 drawers\$13.99
HI-36C. Audio-cassette storage cabinet. Holds 36 cassettes in 3 drawers\$12.99

LEXICON

Model 500T Programmable Remote Control

500 keys. Features touch-screen interface with 23 programmable pages. 100 macros with 24 steps per macro; PC interface. Price depends on installation and programming time\$2,000-\$3,000

LIFT

Model 20385 CD/Cassette Storage Unit

Holds 160 CDs and 52 cassettes in 8 CD trays and 4 cassette trays. Features flip-through design; steel with polystyrene trays; caster wheels. Black\$250

Jumbo 15520 CD Storage Unit

Holds 125 CDs. Features flip-through design; silver-anodized aluminum construction. 30 1/2 x 1 x 16 in\$129

Jumbo 15510. As above, holds 100 CDs. 24 1/2 x 1 x 16 in\$99

Jumbo 15500. As above, holds 75 CDs. 18 1/2 x 1 x 16 in\$79

Discit 16030 CD Storage Unit

Holds 54 CDs. Features modular tower design with units interlocking; horizontal or vertical building. Black steel base holds combinations of Discits for up to 270 CDs\$50

Discit 16000. Holds 18 CDs; adds on to above\$13.99

Discit 16100. Holds 9 double CDs; adds on to Discit 16030\$13.99

LUXMAN

AS-4/III. Switchbox for 4 line-level sources\$175

AS-5/III. Switchbox for 4 speaker pairs\$175

LYRA

Cartridge Demagnetizer. For MM/MC phono cartridges. 30-second operation\$350

MAXELL

CD Accessories

CD-330. CD to cassette adaptor\$24

CD-340. CD-player laser-lens cleaning disc. Automatic with lab-grade cleaning brush\$14.99

CD-320. CD cleaner. Radial wet-type action with chamois pad\$12.99

CD-310. CD cleaner. Wet type with chamois pad\$5.99

CD-300. CD cleaning cloths. 15 pk\$3.99

CD-380. 2 jewel boxes\$2.49

Cassette Accessories

A-410. Demagnetizing cassette. Battery powered\$14.99

HC-402. Deluxe tape-path cleaning cassette. Wet type\$9.99

A-400. Premium tape-path cleaning cassette. Wet type. Replaceable pads\$5.99

A-450. Head cleaner/demagnetizer cassette. 1-minute cycle. No batteries required\$5.99

C-CL. Deluxe tape-head cleaning cassette. Dry type\$2.49

A-481. 3 cassette boxes with index cards\$2.49

A-403. Tape-head cleaning cassette. Dry type\$1.99

A-401. Tape-path cleaning cassette. Wet type\$1.49

MCCORMACK

Soft Shoes Damping Foot

For any electronics\$12

Tip toes Coupling Foot

Pure aluminum alloy. Available with threaded holes or studs\$6.50-\$16.50

MERRILL AUDIO

Stable Table II Equipment Support

Provides mechanical, magnetic, and RF damping. 6 shelves. Other shelves available. Black. 60-in height\$1,090
 5 shelves. 45-in height\$890

MICHAEL GREEN DESIGNS

Audio Points

The following are made of solid, milled brass with geometry for maximum resonance transfer characteristics.

Rack-Bottom Cones Audio Points

Threaded; optional for all RoomTune racks; 4 with discs\$100

Large Audio Points

Speaker version; 4 with discs\$88

Threaded Audio Points

5 thread types; 4 with discs\$80

Standard Audio Points

3 with discs\$50

MIT

Z-Stabilizer Power-Line Filter

Removes undesired frequencies from power line. Features no current limiting via parallel transformer-less configuration; dual outlet for amplifiers\$895

Z-IsoStrip Power Strip

4 hospital-grade duplex outlets combined with isolator. Features double buffering and filtering; optimization for analog and digital components. On/off switch combined with circuit breaker\$795

MONITOR AUDIO

MS18/MS24/MS30 Stands

18-, 24-, or 30-in black metal stands. Can be mass loaded\$139

MOREL

ST-4 9-in Speaker Stand

Black lacquer\$135

ST-6 20-in Speaker Stand

Black lacquer\$149

NAIM

HI-CAP. Power supply for Naim amps and pre-amps\$1,235

NILES

WDC-200 Protective Cover

Protects double-gang Decora-style devices used outdoors. UL listed; CSA approved; Nema 3R rated; meets NEC and OSHA requirements. Molded white Lexan; hinged design; UV stabilized; weatherized hardware\$100
WDC-100. As 200, single-gang\$80

RCA-3S A/V Convenience Outlet

Three gold-plated female RCA connectors; requires 1-gang P-ring or J-box. In almond, black, bone, or white\$17.49

Switchboxes

SV-5 Auxiliary Input Selector

Five inputs, one output; stereo level control; gold-plated RCA connectors\$135
 AXP-1. As SV-5, no level control\$80

TBS-3 Tape-Deck Switcher

Facilitates recording, playback, and dubbing of up to 3 decks: gold-plated RCA connectors\$120

DPS-1 A/B Selector

For amplifiers or speakers; accommodates up to 14-gauge wire. Power handling 350 W/ch\$95
 DPS-1W. As DPS-1, wall-mount design; requires 1-gang P-ring or J-box\$75

PS-1 A/B Switch

For CD, Aux, or Phono. Fully isolated; switches hots and grounds; gold-plated RCA connectors\$75

O'BRIEN CREATIONS

Display Your Play CD Stand

Holds 6 CDs. Features solid-oak construction. Natural or stained dark walnut oak finish. 6 x 3/4 x 6 in\$15.95
 For 1 CD. 2 1/4 x 3/4 x 6 in\$5.95
 For single or double audio cassettes. 2 1/2 x 3/4 x 6 in\$5.95

ONKYO

RC-AV20M Programmable Remote Control

Controls 10 components. Features 100-function programming; selectable audio or video mode. Preprogramming for Onkyo RI-system components. 2 1/4 x 7 1/2 x 1 1/4 in; 7.1 oz\$100

OWI

LB01-B Adjustable "L" Mounting Bracket

Designed for speaker models 202, 203, 25, 702, 703. Black finish\$35/pr
 LB01-C. As above, but cream finish\$35/pr

OCM-02B Adjustable Ceiling Mounting Bracket

Designed for 500 Series only. Black finish\$63/pr
 OCM-02C. As above, but cream finish\$63/pr
 OCM-02W. As above, but white finish\$63/pr

OWM-02B Adjustable Wall Mounting Bracket

Designed for 500 Series only. Black finish\$63/pr
 OWM-02C. As above, but cream finish\$63/pr
 OWM-02W. As above, but white finish\$63/pr

OWI-2508 Mono/Stereo Attenuator

Designed to fit 2 1/2-in depth single-gang electrical outlet box. Features low impedance output; 25 W max; 8 ohm; 0.5 dB insertion loss. Stainless steel faceplate with printed dial scale and knob; Plus Positive OFF position\$72
 OWI-2570. As above, but high impedance output; 70 W\$72

SS-36 Inground Stainless Steel Stake

Designed for all weatherized models. 36-in length to anchor speakers into ground\$44

Model 8700 Impedance Integrator

Multiple-formula system; 2 channels; 70 V; 100 W\$214
 Model 8760. As above, but 60 W\$186

IW-5KIT In-Wall Mounting Kits

Designed for new construction applications for IW-5 speakers\$66/pr
 IW-6KIT. As above, but for IW-6 speakers\$69/pr
 IW-8KIT. As above, but for IWS-8 subwoofer\$79/pr

Model 2570-TR 25V/70V Transformer Set

Power selector with 6, 1.25, 2.5, 5, 10 W settings. FR 100-12,000 Hz ±3 dB; insertion loss 1.5 dB\$14

Model 50-VC 50-W Volume Control

Designed to retrofit single-gang electrical box. Features continuous music circuit; 1 W-50 W. Includes

knob, hardware, and Decora style plate\$79

PARSEC

TV1000 Amplified FM/TV Antenna

Omnidirectional\$140

TV800 Amplified FM/TV Antenna

Features spiral collector grid design\$100

Model 2000 AM/FM Antenna

Omnidirectional/unidirectional reception. Features MOSFET circuitry. FM: gain -20 dB to 40 dB; noise 1.5 dB. AM: gain 15 dB; noise 1.5 dB\$70

LS-4 Indoor FM Antenna

Omnidirectional/unidirectional reception. Features GASFET design\$48

Stealth FM Antenna

Hideaway design. Gain 32 dB min; noise 1.5 dB\$40

WaveCatcher AM/FM Antenna

Omnidirectional/unidirectional reception. Designed to reduce distortion from reflected and overlapping signals. FM gain 5 dB\$22

PER MADSEN DESIGN

Rackit System Storage Racks

Modular oak storage units. Available in several heights and 2 widths. Units may be stacked 6-ft high on a Dolly model or 7 ft on the floor.

CD-180. 2 drawers store 90 discs each. 18 x 15 x 13 1/4 in; 18 lb\$200

Birch finish\$180

Record Cabinet. Fully enclosed rack for 100 LPS or videodiscs; reversible door. 18 x 15 x 13 1/4 in; 15 lb\$150

Record Cabinet. As above, no door\$100

"45" Unit. 2 drawers store 300 45-rpm singles. 18 x 9 1/4 x 13 1/4 in; 11 lb\$110

Birch finish\$100

Cassette Unit. 2 drawers store 108 audio cassettes. 156 DATs, 84 8mm video cassettes, or 60 VHS-C cassettes. 18 x 9 x 13 1/4 in; 11 lb\$110

Birch finish\$100

CD-90. Three drawers store 30 CDs each. 18 x 7 1/2 x 13 1/4 in; 10 lb\$110

Birch finish\$100

CD3. 3 1/2-in Floppy. 2 drawers store 360 3-in CDs or 3 1/2-in floppy discs. 18 x 6 1/2 x 13 1/4 in; 8 lb\$100

Birch finish\$90

Component Rack 19. For 19-in wide components. Stackable with other System 19 units. 20 1/4-in width; 16-in depth. Available in 5-, 7 1/2-, 10-, or 15-in height\$75-\$95

Component Rack. Designed for components up to 16 1/2 in wide. *8-in width; 13 1/4-in depth. Available in 5-, 7 1/2-, 10-, or 15-in height\$60-\$80

Record Rack. Stores 100 LPS or videodiscs. 18 x 14 x 13 1/4 in; 5 lb\$40

Dolly 19. For System 19 component racks. Supports 300 lb. 20 1/4 x 4 x 16 in; 3.5 lb\$50

Dolly. Supports 300 lb. 18 x 4 x 13 1/4 in; 3 lb\$40

Base 19. For System 19 component racks. 20 1/4 x 1 1/2 x 16 in; 3.5 lb\$35

Base. 18 x 1 1/2 x 13 1/4 in; 1.5 lb\$25

Tabletop 19. Oak-veneer plywood. 20 1/4 x 3/4 x 16 in; 4 lb\$35

Tabletop. 18 x 3/4 x 13 1/4 in; 3 lb\$25

PINE BOX AUDIO

18-in Speaker Stand

White pine top and bottom with non-resonant delron posts\$59/pr

12-in Speaker Stand. As above\$49/pr

LP Case. White pine construction; stackable; holds 75 LPS\$39

PIONEER

CU-AV70 Programmable Remote Control

Can learn 40 functions. SR-system controls\$95

PREMIER

m-Series Speaker Stands

Features metal steel-tube base; open structure design; three-tube steel center posts; 2-layer isolation pads; adjustable spiked feet; lead shot fillable. Black epoxy finish. 10- to 23-in\$99/pr

s-Series Speaker Stands

Features metal steel-tube base; open structure design; single-tube steel center post; 2-layer isolation pads; adjustable spiked feet; lead shot fillable. Black epoxy finish. 23- or 29-in\$89/pr

w-Series Speaker Stands

Features wood high-density hardboard; open structure design; three center posts; 2-layer isolation pads; spiked feet. Textured matte-black finish. From 8- to 24-in\$39-\$49/pr

R-Series Component Racks

The following feature modular metal open design, tubular-steel shelf frames, high-density hardboard shelves, and adjustable spiked feet. Black epoxy finish.

R-20. Video monitor stand\$139

R-30. Expandable 3-shelf rack\$179

R-LB. Video monitor side mount\$129

R-BR. Bridge shelf\$79

R-10. Amp stand\$69

R-20/ES. Expansion shelf for R-20\$69

R-LB/ES. Expansion shelf for R-LB\$59

R-ES. 7 1/2-in expansion shelf for R-10 and R-30\$49

R-ES/4. 4 1/2-in expansion shelf for R-10 and R-30\$49

R-MS/2. Media storage\$69

R-CC. Cable channel kit\$35

R-Casters. Caster kit\$14

PROGRESSIVE DESIGN

Media Storage Furniture

The Roll-Up Tower series is of MDF construction in black finish.

RUCD 220 Roll-Up Tower

Holds 220 CDs or 110 double CDs. 69 x 10 x 13 in; 49 lb\$200

RUCD 132 Roll-Up Tower

Holds 132 CDs or 66 double CDs. 44 x 10 x 13 in; 30 lb\$150

RUCD 110 Roll-Up Tower

Holds 110 CDs or 55 double CDs. 69 x 10 x 7 in; 34 lb\$130

RUCD 088 Roll-Up Tower

Holds 88 CDs or 44 double CDs. 29 x 10 x 13 in; 20 lb\$100

RUCD 066 Roll-Up Tower

Holds 66 CDs or 33 double CDs. 44 x 10 x 7 in; 24 lb\$90

CD 15# Shelf System

Holds 150 CDs, 18 VHS or 90 cassettes. Features solid oak sides; fully stackable; optional stabilizing feet. Medium oak or black oak finish. 22 x 18 1/2 x 6 in; 12 lb\$40

CD 850 4 Pack Modular Unit

Holds 200 CDs or 120 cassettes. Features solid oak end caps and solid MDF shelf; expandable (see next model). Medium oak or black oak finish. 22 x 23 x 8 in; 20 lb\$100

CD 850 Modular Unit

Holds 50 CDs or 30 cassettes. Wall or surface mountable; expandable. Medium oak or black oak finish. 22 x 8 x 8 in; 6 lb\$30

CD 850 4 Pack Modular Unit

Holds 200 CDs or 120 cassettes. Features solid oak end caps. Medium oak or black oak finish. 22 x 23 x 8 in; 20 lb\$100

CD 2000 Square Base

Holds 104 CDs. Features solid oak construction; us-

es under 1 sq ft floor space; angled-view CD seating. Medium oak or black oak finish. 50 x 11 x 8 1/4 in; 18 pounds\$100

CD 2000 Original Base

As above; wall-mountable. 50 x 8 x 8 in; 18 lb ..\$100

CD 120

Holds 120 CDs. Uses under 1 sq ft floor space. Wood laminate. 50 x 11 x 8 1/4 in\$59

HEX 100 Tower

Holds 100 CDs. Features hexagonal design; fingertip CD release system; laminated. Medium oak or black textured finish. 70 x 14 x 11 in; 45 lb\$130

CD 1200

Holds 203 CDs, 50 VHS or 160 cassettes. Features adjustable shelves; tempered glass door. Wood laminate medium oak or black oak finish. 50 x 17 x 10 in; 45 lb\$100

Swivel 5000

Two-sided swivel design holds 406 CDs, 100 VHS or 320 cassettes. Features 14 adjustable shelves; large volume base storage; tempered glass doors. Wood laminate medium oak or black finish. 64 x 17 x 20 in; 112 lb\$279

Swivel 9000. As above, no base storage. 89 lb \$200

Stereo 7000

Features solid oak and oak veneer construction; 4 shelves (3 adjustable); tempered glass doors. Medium oak or black oak finish. 51 x 25 1/4 x 19 1/4 in; 100 lb\$400

CDV 5000

Holds 182 CDs, 50 VHS or 160 cassettes. Features solid oak and oak veneer construction; adjustable shelves; tempered glass doors. Medium oak or black finish. 64 x 12 1/2 x 10 1/4 in; 100 lb\$299

CDV 6000

Holds 406 CDs, 100 VHS or 320 cassettes. Features solid oak and oak veneer construction; adjustable shelves; tempered glass doors. Medium oak or black finish. 64 x 25 1/4 x 10 1/4 in; 100 lb\$260

CDV 1600

Holds 270 CDs, 70 VHS or 220 cassettes. Features solid oak and oak veneer construction; 10 adjustable shelves. Medium oak, black oak or cherry stain finish. 16 1/2 x 11 x 71 in; 45 lb\$180

Flip 540

Pull-tray design. Holds 540 CDs (20 per tray). 58 x 20 x 15 in\$199

Flip 300

Pull-tray design. Holds 300 CDs (20 per tray). 36 x 20 x 15 1/4 in\$129

Model A120

Swivel design. Features grip-clip filing system. Wood laminate. 12 x 12 x 18 in; 9 lb\$80

Model A80

As above; holds 80 CDs. 12 x 12 x 12 in; 8 lb\$60

Model A36

Holds 36 CDs; grip-clip filing system. 7 x 11 x 1 in; 2 lb\$30

CD Flip Tray

Holds 20 CDs. Plastic. 14 x 5 3/4 x 3/4 in\$2.99

CD Wall Art System

Framed CD display design. Features solid oak construction; push-down CD removal. Various configurations available. 27 x 27 x 3/4 in\$79

PROLINE

AVM-8 Multimedia Storage Center

Holds 224 CDs, 66 VHS or 256 cassettes. Features solid oak construction\$150

A-NR3 Cassette Boxes

3 pk\$1.99

CD Accessories

CD-120C Jewel Boxes

2-pack CD storage cases; clear with black tray \$2.99

CD-150C

As above, 5-pack\$5.99

CD-150R

As above, transparent red case/tray\$5.99

CD-150B

As above, blue\$5.99

CD-150G

As above, green\$5.99

MDF-20 CD Flip File

Clear or putty\$4.95

RADIO SHACK

Model 40-136 Speaker Selector

Selects any combination of 4 speaker pairs. Power handling 100-W/ch\$32

Model 42-2115. Allows monitoring, recording, and dubbing with up to 3 separate cassette decks\$26

Model 40-978 L-Pad Volume Control

Stereo. For 2 speakers. Maintains 8-ohm imp. Power handling 75 W max\$20

Model 40-125 Speaker Selector

Selects any combination of 3 speaker pairs. Power handling 10-W/ch\$17.99

Model 42-2110 Switch Box

Switch box for 3 line-level audio inputs\$15

Model 40-130 Speaker Selector

Selects one or both of 2 speaker pairs\$8.99

Model 40-980 L-Pad Volume Control

Mono. For one speaker. Maintains 8-ohm imp. Power handling 25 W max\$7.99

Model 40-975 Speaker Wall Plate

Fits standard electrical box. Features 4 pushbutton terminals for speaker cable\$3.39

Model 40-981 Speaker Wall Plate

Fits standard electrical box. Features 2 RCA jacks. Includes 2 RCA plugs\$3.29

CD Accessories

Model 42-224. CD wallet holds 12 discs\$12.99

Model 42-205. CD wallet holds 12 CDs\$9.99

Model 42-223. Storage rack holds 42 CDs horizontally\$9.99

Model 42-215. Storage unit holds 25 CDs vertically in their jewel boxes\$5.99

Model 42-214. Storage cube holds 10 CDs in their jewel boxes\$5.99

Model 42-122. Jewel box. 2 pk\$2.99

Model 42-227. Laser-lens cleaning disc\$9.99

Model 42-127. Kit to fix disc scratches\$9.99

Model 42-226. Radial CD cleaner. Includes fluid\$9.99

Model 42-225. CD cleaning kit with base, cleaning pad, and fluid\$4.99

Model 42-141. CD cleaning stick\$4.99

Model 42-126. CD cleaning fluid. 1 oz\$2.59

Cassette Accessories

Model 44-665. Storage unit holds 15 cassettes. Tinted cover\$9.99

Model 44-685. Modular storage unit holds 10 boxed or 16 unboxed cassettes\$2.69

Model 44-232. Bulk eraser\$19.99

Model 44-1165. Cassette-deck demagnetizing cassette. Includes battery\$10.99

Model 44-1202. Brush cleaner and demagnetizer\$9.99

Model 44-1167. Kit with demagnetizing cassette, probe, mirror, and cleaning solution\$5.99

Model 44-1115. Cassette-deck cleaning kit. Includes

swabs and fluid\$4.99

Model 44-1116. Wet-type cleaning cassette. Includes fluid\$3.99

Model 44-1112. Cassette-deck cleaning kit. Includes swabs and fluid\$3.99

Model 44-1113. Tape-head cleaning solvent\$3.79

Model 44-1162. Head-cleaning cassette. Includes fluid\$2.99

Model 44-217. Cassette-deck cleaning and lubrication kit\$2.79

Model 44-1001. Foam-tipped cassette-deck cleaning swabs. 10 pk\$2.69

Model 44-1094. Foam-tipped cassette-deck cleaning swabs tipped on each end. 10 pk\$2.49

Model 44-1093. Cotton-tipped cassette-deck cleaning swabs. 100 pk\$2.29

Model 44-1160. Dry-type cleaning cassette\$1.99

Model 44-611. Cassette box. 3 pk\$1.59

Model 44-1010. Cassette-deck cleaning solution\$0.99

Record Accessories

Model 42-117. Record-cleaning kit with velvet-surface brush and 2-oz fluid\$7.99

Model 42-132. Sleeve for 12-in LPs. 10 pk\$2.99

Model 42-2503. Record-cleaning spray\$2.99

Model 42-119. Record-cleaning fluid. 4 oz\$1.99

Model 42-120. 45-rpm adaptor\$0.69

RANE

FBB44 Balanced/Unbalanced Signal Converter

Converts stereo pair of balanced-XLR signals to unbalanced-RCA signals or vice versa. 2 female and 2 male XLR connectors; 4 RCA jacks. Features passive nickel-core transformers\$259

RECOTON

Antennas

AFM 110. Amplified AM/FM-stereo antenna\$70

FM 200. AM and amplified-FM antenna\$80

FM 100. FM amplified antenna\$34

TV 13. FM dipole antenna\$2.69

CD Accessories

CD 20 CD-to-Cassette Adaptor. Designed to play portable CD player through any cassette deck\$30

CD 25/24 Kit. Includes CD 25 and CD 24 cleaners\$23

CD 25/25 Long. Laser-lens cleaner; available in 2 sizes\$19.99

CD 11 CD Cleaner. Radial design with chamois pad and cleaning brush\$17.99

CD 30 CD Storage Rack. Holds 20 CDs\$14.99

CD 57 CD Restorer/Cleaner Kit\$7.99

CD 24 CD Cleaner\$7.49

CD 85 Jewel Boxes\$5.99

CD 83. As above, 3 pk\$3.59

CD 8. As above, 2 pk\$2.49

CD 19 CD Cloths. Micro fibers\$3.99

CD 18 CD Cleaning Cloths\$3.59

CD 31 CD Storage Tray. Holds 20 CDs\$2.99

Cassette Accessories

TRX 300 Maintenance Kit. Cleaning fluid and demagnetizer. Includes battery\$18.99

Model 37 TC Demagnetizer. Cassette type\$14.99

Model 38 TC Demagnetizer/Cleaner. Cassette type\$7.79

Model 94 TC-10 Replacement Cases. 10 pk\$5.99

Model 94 TC. 4 pk of above\$4

Model 94 TCB. One of above\$0.79

Model 150 TC Tape Head Cleaner. Auto operation\$5.49

Model 144 TC Maintenance Cassette. Demagnetizes and cleans heads and capstans. Includes cleaning fluid\$3.79

Model 51 TR Protek Tape Kit. Includes bottles of tape-head cleaner/lubricant and spiral brush to remove oxide particles\$3.79

Model 112 TC Care Kit\$3.79

Model 54 TR Head Cleaner\$2.29

Model 53 TR Kleen Stix\$2.19

Model 71 TC Tape Head Cleaning Cassette\$1.79

ROOMTUNE

The following are passive listening-room acoustic-treatment accessories.

Racks and Stands

The following feature optional custom size shelves. Available in Rocky Road, charcoal, black and custom finishes.

Deluxe Justarack

Features adjustable racks w/tunable 1½-in shelves; standard rack-bottom cones; upgradable to Clamprack model.

7 shelves, 48 in	.....\$609
6 shelves, 42 in	.....\$539
5 shelves, 36 in	.....\$469
4 shelves, 30 in	.....\$399
3 shelves, 24 in	.....\$329

Justarack

Features adjustable racks with tunable ¾-in shelves; standard rack-bottom cones.

7 shelves, 48-in	.....\$499
6 shelves, 42-in	.....\$449
5 shelves, 36-in	.....\$399
4 shelves, 30-in	.....\$349
3 shelves, 24-in	.....\$299

Clampracks

Signature Clamprack

Features 30 x 24-in footprint; 1-in diameter rods; two 1½-in shelves; recessed top shelf caps; brass hardware/rack-bottom cones. Four components.

48-in	.....\$1,950
As above, 42-in	.....\$1,899
As above, three components, 36-in	.....\$1,649
As above, two components, 24 in	.....\$1,399

Clamprack

Two 1½-in shelves. Four components, 48-in	.....\$600
As above, 42-in	.....\$595
As above, three components, 36-in	.....\$495
As above, two components, 24-in	.....\$329

Brass rack-bottom cones for all above models (except Signature)\$50

Recessed top shelf caps for all above models (except Signature)\$24

Tuning Boards

Signature Tuning Board Tuner Amplifier Stand

Includes brass rack-bottom cones. 30 x 24 x 1½ in\$499

Tuning Board Amplifier Stand

236 x 15¼ x 1½ in\$119

Tuning Panels and Strips

Deluxe RoomTune/2

Floor-standing room resonance tuning panels; available in ivory, gray or black\$229

StackBracket/2

Joins 2 Deluxe RoomTune panels vertically in high-ceiling rooms\$20

CeilingTune/1

Suspends from ceiling to control first reflection\$249

BassTune/1

Panels for low-frequency problem areas. 36-in x 15-in\$199

TunePak

Features 4 CornerTunes, 2 EchoTunes and 4 TuneStrips\$269

TuneStrip/4

Affix to corner 12-in above floor. 48-in strips\$169

CornerTune/4

Triangles for upper room corners\$79

EchoTune/2

Rectangles for slap echo control at midpoint of

wall/ceiling junction\$40

SALAMANDER DESIGNS

Rack Systems

The following feature a 1-yr warranty; shelves are available in a choice of natural hardwoods or black lacquer MDF finish.

The Archetype System

Features 5 adjustable shelves; expandable; neoprene vibration absorbers; black-oxide solid steel supports. 36 x 22 x 16-in. From

Mega Spikes	.....\$40
Single Shelf, 22 x 16-in. From	.....\$35

Extensions

Features 2 shelves. Modular extension or stand-alone. 18-in height. From

Dual wheel casters	.....\$20
Extension conversion kit	.....\$7

SANUS SYSTEMS

Audio and Video Furniture

Component Foundations

The following feature heavy gauge steel sand-fillable frames; MDF shelves; available in various trim kits.

CF55. 6-level equipment rack, 55 in	.....\$425
CF45. 5-level equipment rack, 45 in	.....\$375
CF35. 4-level equipment rack, 35 in	.....\$325
CF20. 2-level; 36-in width rack, 20 in	.....\$300
BA-O. Audio rack; natural oak shelves	.....\$300
BA-B. 4-level audio rack, 38 in	.....\$200
BV-O. Video rack; natural oak shelves	.....\$200
BV-B. 2-level video rack, 17 in	.....\$180
CFVL. Video bridge leg	.....\$85
CFVB. Video bridge, 35 in	.....\$75

Speaker Stands

Reference Foundations

The following feature a triangular fountainhead base; adjustable spiked feet and isolation studs; sand- or shot-fillable pillars.

RF28. 28 in	.....\$180/pr
RF24. 24 in	.....\$180/pr
RF20. 20 in	.....\$175/pr
RF16. 16 in	.....\$175/pr
RF12. 12 in	.....\$170/pr

Steel Foundations

The following feature heavy steel construction; adjustable spiked feet and isolation studs; sand- or shot-fillable pillars; available in black lacquer finish.

SF28. 28 in	.....\$150/pr
SF24. 24 in	.....\$150/pr
SF20. 20 in	.....\$145/pr
SF16. 16 in	.....\$145/pr
SF12. 12 in	.....\$140/pr

Designer Foundations Series II

The following feature rigid steel construction; adjustable steel spiked feet; brass isolation studs; available in black powder finish.

DF35. 35 in	.....\$120/pr
DF25. 25 in	.....\$120/pr
DF35S. For minispeakers, 35 in	.....\$110/pr
DF15. 15 in	.....\$110/pr

Natural Foundations Series II

The following feature ¾-in MDF construction; adjustable steel spiked feet; brass isolation studs; neoprene isolation pads; concealed speaker cable path.

NF28. Black lacquer finish, 28 in	.....\$90/pr
NF210. Solid oak pillars, 21 in	.....\$80/pr
NF21W. Solid walnut pillars, 21 in	.....\$80/pr
NF140. Solid oak pillars, 14 in	.....\$75/pr
NF14W. Solid walnut pillars, 14 in	.....\$75/pr
NF21B. Black lacquer finish, 21 in	.....\$70/pr
NF14B. Black lacquer finish, 14 in	.....\$65/pr
NF7. As above, 7 in	.....\$60/pr

Basic Foundations Series II

The following are available in black satin finish.

S24. 24 in	.....\$52/pr
S17. 17 in	.....\$47/pr
S10. 10 in	.....\$43/pr

SCOTCH

Re-Label Tape

For audio, video, and computer diskettes. Removable, no residue\$1.89

Cleaners

CD Laser Lens Cleaner
Dry\$19.99

CD Radial Cleaner Kit

Wet\$19.99

VCR Head Cleaner Plus. Dry, 30 cleanings\$12.99

VHS Cleaner - Wet. 60 cleanings\$12.99

VHS-C Head Cleaner Videocassette. Dry\$12.99

BMM Head-Cleaner Videocassette. Dry\$12.99

Audio Cassette Head Cleaner/Demagnetizer. Dry, 24 cleanings\$6.99

Audio Cassette Wet Head Cleaner Kit. 24 cleanings\$3.29

Audio Cassette Head Cleaner. Wet, 24 cleanings\$1.99

SESCOM

R/S SC Stereo Combiner

Actively creates mono signal from stereo source. Can be configured for unbalanced input/output. Transformer-balanced XLR inputs and outputs. 7½ x 1¼ x 5 in\$200
Kit\$135

R/S SPM Phase Meter

Indicates phase and signal-volume for 2 channels. Can be configured for unbalanced inputs. Transformer-balanced line-level XLR inputs. LEDs. 7½ x 1¼ x 5 in\$150
Kit\$100

R/S SB Balanced/Unbalanced Converter

Converts balanced signal to unbalanced or vice versa with corrections for gain and impedance. Transformer-balanced inputs and outputs; XLR and RCA connectors. 7½ x 1¼ x 5 in\$150
Kit\$100

TR-135 Balanced/Unbalanced Transformer

Connects XLR plug to 18-in cable with RCA plug\$74

TR-145 Unbalanced Transformer

Designed to eliminate ground loops for 2 components using unbalanced connections. RCA plugs and jacks attached to 18-in cables. Features isolated grounds\$55

Racks

Available in silver, black, or gold.

RSR-12. Holds 12 units\$75

RSR-10. Holds 10 units\$70

RSR-8. Holds 8 units\$65

RSR-6. Holds 6 units\$60

SHERWOOD

URM-601R Programmable A/V Remote Control

Stores up to 249 commands. Features 8-bit CPU; 64K memory; compatibility with Digi-Link II and III components\$75

SOLIDSTEEL

Equipment Stands

The following feature cast-iron welded steel vertical tubes; sand or lead shot loadable; MDF shelves; durable aluminum cones; adjustable steel spikes. Available in two antiresonant finishes.

Model 64 Table

Four legs; 1¼-in shelves; larger cones; thicker legs

A C C E S S O R I E S

and cross-sections; reinforced bottom shelf support. Features 3-point antivibration system; accommodates 19-in rack mount units. 39-in. height x 22½-in width; silver finish\$1,300
Black finish\$1,200

Model 410 Table

Four legs; 5 shelves. 39-in height x 21-in width; silver finish\$600
Black finish\$550

Model 48 Table

As above, 4 shelves. 33-in height x 21-in width; silver finish\$525
Black finish\$475

Model 47 Table

As above, 3 shelves. 27-in height x 27-in width; silver finish\$450
Black finish\$400

Model 44 Table

As above, 2 shelves. 18½-in height x 21-in width; silver finish\$350
Black finish\$300

Model 36/pro Table

Three legs; 2 shelves. 25-in height x 16½-in width; silver finish\$400
Black finish\$350

Model 36/3 Table

As above, 3 shelves. Silver finish\$325
Black finish\$275

Model 36 Table

As above, 2 shelves. Silver finish\$275
Black\$225

Model A Table

For amplifiers. Four legs; 1-in MDF top; supports 130 lb max. Features 3-piece antivibration system. 7½-in height x 19½-in width; silver finish\$300
Black finish\$275

Model B Table

As above, supports 80 lb max. 7½-in height x 18½-in width; silver finish\$275
Black finish\$250

Speaker Stands

X1 Speaker Stands

For traditional floor standing speakers, minimum sizes: 9-in x 11½-in. Features height-adjustable steel spikes; 3 duraluminum cone rests 7½-in height\$200/pr

X2 Speaker Stands

As above, minimum speaker sizes: 9-in x 9 in\$200/pr

SONY

DT-10CL Cleaning Cassette

For use with digital audio tape decks\$13.99

C-1K Cleaning Cassette

For use with audio cassette decks\$1.99

SOUNDOLIER

ASL-4 Speaker Switcher

For 4 speaker pairs. Accepts cable from 14 to 18 gauge. Features ability to swap front and rear channels if configured in home theater system; auto impedance-matching protection; on/off switch and volume control for each speaker pair. Spring-loaded quick-connect terminals. Includes 19-in rack-mount brackets. Power handling 35 W rms per channel. 16¼ x 17 x 6½ in\$404

SOUNDSTREAM

RPS8 Remote Power System

Switches AC power for up to 8 sources. Features surge protection; circuit breaker; adjustable delay

settings for on/off sequences; low-voltage and AC-current-sensing triggers\$450

KP200 In-Wall Keypad

Controls up to 6 sources. Features switching for up to 4 rooms with optional speaker selector; programmability via R3 remote control; macro programming. White, ivory, or gray Decora\$300

R2 Programmable A/V Remote Control

Programmable for 10 sources. Macro programming; downloading program to program other Soundstream remote controls; battery backup\$250

SOUNDSTYLE

CD Storage System X250

Holds 250 CDs; glass shelves; rotates 360°; occupies 1 sq ft floor space; available in 6 high gloss metal finish colors\$470

Furniture Stands

Available in tripod or 4-leg configurations and 6 colors; smoked, tempered glass shelves; top and bottom cones; optional add-on shelves. From\$415

Speaker Stands

Metal tripod style available in 6 colors to match furniture stands; 4 heights: 12-, 16-, 20-, and 24 in\$225/pr

Cones

Perfect Sound 80-128 Gold Cones

Set of 8 small\$88

Perfect Sound 80-120 Gold Cones

Set of 6\$69

Spike, Damper, Disc Set

Perfect Sound 85-420

Includes 4-each sets of gold spikes, dampers, and discs\$76

Spikes

Perfect Sound 80-320 Gold Spikes

Set of 6\$57

Perfect Sound 80-520 Gold Spikes

Set of 8 small\$52

Dampers

Perfect Sound 85-820 Gold Damper

Set of 4, 42 mm\$48

Perfect Sound 85-300 Gold Damper

Set of 8, 30 mm\$40

Discs

Perfect Sound 80-720 Gold Discs

Set of 6\$26

SRD SPEAKERWORKS

SB 2 Speaker Wall Brackets

Used for wall-mounting SAT 1 and SS 1 speakers; adjustable to nearly any angle; can be mounted to sheetrock, wall stud not necessary. Hardware included\$42/pr

SB 1 Speaker Wall Brackets

Used for wall-mounting 6.2, 8.2, VM 1, and VM 2 speakers; adjustable approximately 30° up, down, right, or left; must be mounted to wall studs\$32/pr

TC AUDIO

Stands improve a speaker system by directing sound to ear height, and by coupling the speaker into the house structure via Audio Spikes for added stability and transmission of cabinet vibration into house structure rather than into the air as distortion. Sand filled models increase system mass for added bass and midrange clarity. All models feature Medite non-resonant cabinet material, and come in oak or black finish.

SBASE Speaker Stand

A solid hex-shaped base designed for the TC 255.2 speaker; converts it to floor-standing column speaker. Features tension rod mount system for tight coupling of speaker to stand; sand fillable, 95 lb loaded. Includes Audio Spikes. 8¼ x 23¼ x 9¼ in ...\$380/pr

SAND 24 Speaker Stand

A rectangular base with hex-shaped riser designed for the TC 25.1, TC 25.2, and TC 255.2. Tension rod mount system; sand fillable, 35 lb loaded. Audio Spikes. 11¼ x 12 in base; 5½ x 24 x 7 riser ...\$200/pr

SS 24 Speaker Stand

A rectangular base with V-shaped riser designed for SAT 2.1, TC 25.1, and TC 25.2. Includes Audio Spikes and rubber feet. Mar resistant lacquer finish. 11¼ x 12 in base; 3½ x 24 x 2½ in riser ...\$120/pr

SS 13 Speaker Stand

A rectangular base with smaller rectangular riser designed for TC 28.0. Includes rubber feet. Audio Spikes optional. Mar resistant lacquer finish. 11¼ x 12 in base; 5 x 13 x 4 in riser; 8 x 8 in top ...\$100/pr

TENDERFEET

Spike Feet II

Set of 8 black speaker spikes, nuts and brass inserts. Includes Brad-point drill and drill stop for correct depth\$30

Tenderfeet Tendercups

Isolation and furniture/floor protection device for all components. Available in silver or black aluminum. From\$5.50

TERK TECHNOLOGIES

CD Storage

CD-25

Holds 25 CDs; chrome or matte black finish ...\$19.95

AM/FM Antennas

AM-FM Q Antenna

Wide- and narrow-band reception; built-in amp \$100

Pi (9900 Series) AM/FM Antenna

Patented Gamma Loop NR antenna element; built-in amp; white or matte black finish\$70

fam (Model 3000) AM/FM Antenna

Non-conduction circuitry; built-in amp\$35

AM/FM Tower Antenna

Shotz-designed circuitry; built-in amp\$25

FM+ (Model 2000) Antenna

FM reception only\$15

TREE DIMENSIONS

Multimedia Storage

CD-630

Holds 630 CD or 378 cassettes. Features 18 shelves and solid oak construction. Available in honey oak or black finish\$200

CD-450. As above, holds 450 CDs or 270 cassettes, 12 shelves\$150

CD-250. As above, holds 250 CDs, 155 cassettes or 100 VHS, 6 shelves\$90

CDV-150. As above, holds 150 CDs, 90 cassettes or 60 VHS; wall-mountable\$40

CDV-50

Holds 50 CDs, 30 cassettes or 18 VHS. Features solid oak construction; 2-high stackable; 1 shelf. Available in honey oak or black finish\$20

WELL TEMPERED LABS

CD Treatment

Finyl 200 Kit

Cleans 200 CDs and serves as an antireflective optical coating\$24

Finyl 100 Kit. As above, for 100 CDs\$12

B L A N K T A P E

BASF

MD Maxima MiniDiscs	
MD-74, 74 min	\$18.99
MD-60, 60 min	\$15.99

DCC Maxima Digital Compact Cassettes	
D-90, 90 min	\$12.99
D-75, 75 min	\$10.99

Reference Maxima TP-II High-Bias Cassettes	
<i>Features 3-part housing; heat resistance.</i>	
C-100, 100 min	\$4.59
C-90, 90 min	\$3.99

Chrome Super II High-Bias Cassettes	
<i>Features dual-coated chrome formulation.</i>	
C-100, 100 min	\$3.33
C-90, 90 min	\$2.99

Chrome Extra II High-Bias Cassettes	
C-100, 100 min	\$2.79
C-90, 90 min	\$2.29

Ferro Extra I Normal-Bias Cassettes	
C-100, 100 min	\$1.89
C-90, 90 min	\$1.59

FUJI

Digital Audio Tape	
DAT (R-120), 120 min	\$12.95
DAT (R-90), 90 min	\$11.95
DAT (R-60), 60 min	\$10.95

Digital Compact Cassettes	
DCC (D-90), 90 min	\$9.99
DCC (D-60), 60 min	\$8.99

FR-Metal Metal Cassettes	
FR (C-100), 100 min	\$6.49
FR (C-90), 90 min	\$5.99

Fuji III High-Bias Cassettes	
ZII (C-100), 100 min	\$5.49
ZII (C-90), 90 min	\$4.99

FR-IIx PRO High-Bias Cassettes	
<i>Double coating; temperature-resistant shell.</i>	
FR-IIx PRO (C-100), 100 min	\$5.49
FR-IIx PRO (C-90), 90 min	\$4.99

FR-IIx High-Bias Cassettes	
<i>Double coating.</i>	
FR-IIx (C-100), 100 min	\$4.49
FR-IIx (C-90), 90 min	\$3.99

DR-II Series High-Bias Cassettes	
<i>Double coating.</i>	
DR-II (C-100), 100 min	\$3.49
DR-II (C-90), 90 min	\$2.99

DR-I Normal-Bias Cassettes	
DR-I (C-90), 90 min	\$1.99

LORAN

ESQ 90, High-bias cassette with heat-resistant shell	\$4.99
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Digital Audio Tapes
Custom lengths available.

PRODAT 140, 140 min	\$13.80
PRODAT 120, 120 min	\$11.50
PRODAT 90, 90 min	\$10.25
PRODAT 75, 75 min	\$9.50
PRODAT 60, 60 min	\$8.75
PRODAT 45, 45 min	\$7.25
PRODAT 30, 30 min	\$6.50
PRODAT 20, 20 min	\$6

MAXELL

XLI Open Reels	
XLI 35-180B, 10 1/2-in metal reel, 1,100-m length	\$4.2



XLI 35-90B, 7-in plastic reel, 550-m length	\$15
UD Open Reels	
UD 35-180, 10 1/2-in metal reel, 1,100-m length	\$34
UD 35-90, 7-in plastic reel, 550-m length	\$12

MD MiniDiscs	
MD-74RM, 74 min	\$21.49
MD-60RM, 60 min	\$16.89

DM Digital Audio Tapes	
DM-120, 120 min	\$13.89
DM-90, 90 min	\$12.49
DM-60, 60 min	\$11.49
DM-46, 46 min	\$9.79

DCC Digital Compact Cassettes	
DCC-90RM, 90 min	\$12.79
DCC-60RM, 60 min	\$11.49

MX-S Metal Cassettes	
100 min	\$5.89
90 min	\$5.29
60 min	\$4.39

XLII-S High-Bias Cassettes	
100 min	\$4.89
90 min	\$4.39
60 min	\$3.59

MX Metal Cassettes	
110 min	\$4.49
90 min	\$3.99
60 min	\$3.29

XLII High-Bias Cassettes	
100 min	\$4.00
90 min	\$3.49
60 min	\$2.99
46 min	\$2.99

XLI Normal-Bias Cassettes	
100 min	\$3.29
90 min	\$2.39
60 min	\$1.89
46 min	\$1.89

UR Normal-Bias Cassettes	
120 min	\$2.79
90 min	\$1.69
60 min	\$1.39
46 min	\$1.39

PANASONIC

Digital Compact Cassettes	
RT-D90A, 90 min	\$11
RT-D75A, 75 min	\$10
RT-D60A, 60 min	\$9.50
RT-D45A, 45 min	\$9

RADIO SHACK

Supertape SD-90, 90-min DCC	\$9.99
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High-Bias Cassettes	
HD-90, 90 min, 5 pk	\$12.99

HD-100, 100 min, 3 pk	\$9.99
HD-90, 90 min, 3 pk	\$7.99

MII-100, 100 min, 2 pk	\$7.99
MII-90, 90 min, 2 pk	\$7.49

Metal Cassettes	
MIV-110, 110 min, 2 pk	\$9.99
MIV-90, 90 min, 2 pk	\$8.99

Normal-Bias Cassettes	
XR-120, 120 min, 3 pk	\$9.59
XR-90, 90 min, 3 pk	\$5.29

LN-12C, 120 min, 2 pk	\$3.49
LN-90, 90 min, 2 pk	\$2.39

SCOTCH

Digital Audio Tapes	
DAT-120, 120 min	\$12.99
DAT-90, 90 min	\$11.99
DAT-60, 60 min	\$9.99
DAT-46, 46 min	\$8.99

High-Bias Cassettes	
XS II-S, 90 min	\$3.99

Normal-Bias Cassettes	
CX, 90 min	\$2.99
CX, 60 min	\$2.49
BX, 90-min	\$1.99

SONY

Digital Audio Tapes	
120 minutes	\$18

UX Series High-Bias Cassettes	
90 minutes	\$3.19

Metal-SR Metal Cassettes	
90 minutes	\$3.49

UX-Pro High-Bias Cassettes	
90 minutes	\$3.99

CD-IT High-Bias Cassettes	
100 minutes	\$3.49
94 minutes	\$2.99
74 minutes	\$2.49
54 minutes	\$1.99

Super Metal Master Metal Cassette	
90 minute	\$29

HF Normal Bias Cassettes	
90 minutes	\$1.69

MiniDiscs	
90 minutes	\$16.99
60 minutes	\$13.99

3M BLACK WATCH

The following feature a lifetime warranty

996 Open-Reel Studio Mastering Tape	
1.5 mil, 2,500 ft, 10 1/2-in reel	\$36
1.5 m l, 1,200 ft, 7-in reel	\$15

Digital Compact Cassettes	
DCC-2002, 90 min	\$20

7707 Digital Audio Tapes	
<i>Proprietary pure-metal particulate magnetic formulation.</i>	
DT-120, 120 min	\$16

4040 Metal Cassettes	
100 min	\$6
74 min	\$5

2020 High-Bias Cassettes	
100 min	\$5
74 min	\$4

ADCOM

GFB-800II Audio Controller

5 zones; 5 line-level audio inputs. Daisy-chain capability for up to 15 zones; remote control with functions for GFT-555II tuner and GCD-600 CD player. 17 x 7 1/4 x 1 7/8 in.; 24 lb\$800

DSY-803. Plug-in board for above providing daisy-chain capability for additional zones\$300

PHO-802. MM/MC phono board for GFB-800II\$300

ERB-801. Board for GFB-800II providing additional zone\$300

XR-500II. Remote sensor for GFB-800II. Includes 32-ft cable\$100

a/d/s/

DomiNet Series

SC6 Audio Controller

6 zones; 8 audio inputs. Features active crossover; adjustable input sens; interface for system muting upon phone/door-bell trigger; ability to combine multiple units for up to 96 zones\$2,899

CP6 Wall-Mount Keypad/Display

Controls and displays information from SC6 Customizable menu-driven interface; 5 system presets; password protection; LCD\$399

RC12 Programmable Remote Control

Controls SC6 and up to 11 other A/V components\$129

AUDIOACCESS

MRX Audio Controller

6 zones; 4 audio inputs. May be controlled by or through the infrared receiver on the AudioAccess Wall-Mounted Keypad or the front panel AM/FM tuner. One 40 W x 2 amplifier for each zone; infrared interface for controlling other equipment with ability to memorize infrared codes of products of other brands; 4-conductor telephone-wire wiring protocol; lightning protection for inputs and outputs; non-volatile system-setting memory; 6 AM/FM presets; independent volume, bass, and treble controls for each zone; LCD. 6 line-level gold-plated RCA outputs; 6 screw-terminal amplifier outputs; gold-plated RCA tape output; gold-plated RCA inputs; remote keypad input; AM and FM antenna inputs; mute jack; 4 switched AC outlets; infrared-flasher jack. 17 x 5 1/4 x 15 in.; 35 lb\$4,500

PX-600 Audio Controller

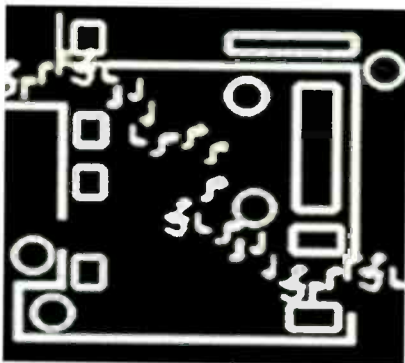
6 zones; 5 audio inputs. Controlled via wall-mount keypad with or without remote control. Front-panel controls for main zone infrared interface for controlling audio sources; 4-conductor keypad wiring. 2 line-level outputs per zone: fixed line-level output for each zone; tape output; two remote-turn-on outputs for external amps; 5 infrared-emitter jacks. Authorized installer programs zone defaults and infrared commands for sources in non-volatile memory. RS-232 interface available. 17 1/2 x 4 1/2 x 16 in\$3,000

PX-612 480-W Amplifier

6 zones. 26-conductor ribbon cable for connection to PX-600 controller. Features amp for each zone rated at 40 W x 2 into 4 ohms; overcurrent, short-circuit, thermal, and DC protection; convection cooling; discrete driver and output stages; AC coupling and RF filtering for audio inputs. 17 1/2 x 4 1/2 x 16 in\$2,000

PX-6 Audio Controller

1 zone; 5 audio inputs. May be controlled by wall keypad, remote control, or front-panel controls. 4 control outputs; tape output; mute jack for auto event-triggered mute; 1 switched AC outlet; infrared input; infrared-flasher output; signal-processor loop. Features 256-step digital attenuator; surge-suppression circuitry; programmable auto mute upon triggering event; remote/keypad volume control; gradual muting; bass, treble, and balance presets for each zone; programmable A/V remote control. Black, white, or ivory Decora-style keypad. Rack-mount kit optional. FR 10-25,000 Hz ± 0.1 dB. 17 x 1 1/4 x 9 in\$1,100



PX-6S. As PX-6, no front-panel controls\$1,000

AUDIOCONTROL

The Director 15 Remote Speaker Selector

To allow one amplifier to power up to 6 speaker pairs including the main pair. Inputs for a 2nd amplifier and an independent autoformer level control for the main speakers; six 5-way binding-post output pairs. Features impedance protection for 4 ohms. Main-zone level-control bypass switches. Max sustained peak power 225 W with level control engaged, 600 W without. 5-year warranty\$299

AUDIO DESIGN ASSOCIATES

Delta System A/V Controller

3 zones; 8 A/V sources. ADA Bus interconnection. Independent power and acoustic controls for each zone; Independent source selection for each zone; same-source selection for all zones; source, volume, bass, treble, and zone/system on/off controls from any remote control or room keypad; 12-character alphanumeric displays of status information on any room keypad; accommodations for SSD66 or SSD-66THX signal processor\$NA

System 8000 A/V Controller

8 zones; expandable to 16, 24, or 32 zones. Requires keypad or remote-control accessory. Features 8 plug-in integrated-amplifier cards each providing 40 W/ch into 4 ohms. Proprietary ADA Bus interface. 8 input-selection cards; compatibility with computer home-automation systems; touch-screen control compatibility; simultaneous playback of 8 sources; central or remote-control source selection; volume, bass, and treble controls; source transport control and infrared repeating\$NA

System Omega A/V Controller

6 zones; 8 sources. Requires keypad or remote-control accessory. Features one Alpha-8R system line driver (for 8 sources) with direct-access record selection. Proprietary ADA Bus interface. Expandable design; compatibility with computer home-automation systems; touch-screen control compatibility; simultaneous playback of 8 sources; central or remote-control source selection; volume, bass, and treble controls; source transport control and infrared repeating. Includes one CR-8A integrated amplifier (list below) for each zone\$NA

CR-8P. One-zone preamplifier for above. Features volume, bass, and treble controls; switched AC outlet; signal-processor loop; variable line-level output; room-balance EQ\$NA

CR-8P Plus. As CR-8P, with motor-driven potentiometers for volume, bass, and treble controls\$NA

CR-8P XLR Plus. As CR-8P Plus, with transformerless balanced XLR outputs\$NA

CR-8A. One-zone integrated amplifier for System Omega. Features high-current 2-ohm-stable fan-cooled power amplifier with metal transistors; volume, bass, and treble controls; switched AC outlet; signal-processor loop; variable line-level output; room-balance EQ\$NA

CR-8A Plus. As CR-8A, with motor-driven potentiometers for volume, bass, and treble controls\$NA

System 100 A/V Controller

8 zones. Keypads not included. Includes PF-200 MOSFET high-current power amplifier with 1/2-ohm stability and fan cooling, SC-100 source selector/speaker controller, and ADP-8 multiroom-system preamplifier. Features central control of 8 rooms; master-volume, source-selection, system/room-off, and recording controls\$NA

System 699 Audio Controller

Features individual-speaker on/off control per zone; system-on/off, master-volume, and source-select controls from unit; zone-on/off, zone-volume, source-transport command, and system shut-off controls from zones. Volume control not included. Includes four MC-59 keypads\$1,095

CCA-20 Speaker Switcher

Designed to automatically switch speakers to the output of a TV and provide amplification for the TV's output. Features amp rated at 15 W/channel into 4 ohms\$500

AS-1000 Auto Scanlizer

10-band/ch audio display for peak hold, input level, and max level\$499

CCS-4 Triggering Device

Triggers AC outlet with adjustable current sensing and low-voltage AC/DC triggering devices\$399

XLRX-1 Line Converter

Converts unbalanced line-level signal to balanced line-level signal. 2 RCA-jack inputs; 2 XLR-jack outputs. Features transformerless design\$399

XLRX-1. As above, converts balanced line-level signal to unbalanced line-level signal. 2 XLR-jack inputs; 2 RCA-jack outputs\$399

CCS-3 Speaker/AC Outlet Switcher

Adjustable AC-current-sensing device that enables one speaker pair to be switched between 2 amplifiers\$349

ACC-3 AC Controller

2 inputs. Enables 2 systems to share common component; component turns on when either system powers up. Features 2 grounded switched outlets; switched AC for local sources via low-voltage control run. 3-24 AC/DC triggers switched outlets\$349

LLSM-6 Line-Level Audio Switcher

6 line-level inputs and outputs. Features normally open/closed operation; adjustable delay to avoid speaker thump. 12-V DC triggers relay\$299

CSM-6 Consecutive Power Module

Enables multiple amplifiers to be used on one circuit without overload. Supplies low voltage to up to six ACC-3 controllers. Features push-on plugs\$299

LLS-2 Line-Level Switcher

2 pole. Features independent grounds; 24-V AC/DC trigger\$299

SLS-1 Low-Voltage Speaker Switcher

Enables one speaker pair to be used with 2 amplifiers. Features 24-V AC/DC switching-device trigger\$199

ISO-2 Line-Level Isolation Amplifier

Differential unity-gain design with ground isolation between RCA inputs and outputs. Designed to drive long line-level wire runs and eliminate hum caused by ground loops. 2 x 3 x 4 in\$169

ISO-V Composite-Video Isolation Amplifier

To minimize noise in long video-line runs\$169

System 8000 and System Omega Keypads

One of the following is required to control the System 8000 or System Omega. Models feature one-key direct source selection among 8 sources, single-source transport command, volume, bass, and treble controls, zone- and system-off controls, and LED source-select and zone-off indicators.

MULTIROOM COMPONENTS

- MC-009.** Wireless remote control. Features all-metal enclosure. Available as wall-mount or table-top box\$NA
MC-1676. Decora-style keypad\$NA
MC-16.5. Single-gang room keypad. Available as wall-mount or table-top box\$NA
MC-1600. Double-gang room keypad. Available as wall-mount or table-top box\$NA
MC-1609. Wall-mount room keypad with infrared receiver\$NA
MC-1616. All-weather triple-gang outdoor keypad. Features rubber-sealed buttons. White\$NA

System 8000 and System Omega Accessories System 3000

Bidirectional serial-data-interface upgrade to System 8000 or System Omega; provides full transport control of up to 8 sources; utilizes proprietary ADA Bus for computer control of compatible components; displays status and other information from ADA Bus components on MC-3000 keypad or MC-0064 wireless remote control (not listed); keypads not included. Features full MT-3000 multi-tuner control providing station-frequency display; SSD-66 or SSD-66THX surround-sound processor control (see Signal Processors) providing mode, volume-level, preset, and time-delay displays; control for VS-3 A/V-switcher (8 inputs, 3 outputs) providing status displays. Includes CIC-3000 computer-interface controller (one required per 16 rooms) featuring RS-232 port for bidirectional communication with home-automation control systems or PCs\$NA
MC-3000. Bidirectional keypad for above. Features one-key direct source selection; volume, bass, and treble controls; source-transport controls (e.g. play, stop, pause); zone/system-off control. 12-character LED display with room-name, source, and function indicators; radio-frequency/TV-channel display with 4-character labeling; favorite-play mode and disc/track/artist name displays when used with Gefen CDJ Pro/Pioneer CAC-V3000 300-disc CD changer (not listed). Choice of wall-plate, table-top box, or all-weather outdoor design\$NA

ZS-1 Zone Splitter

Permits two or more rooms to share one zone amp or preamp; provides turn-on/off controls and volume adjustment for each room. One required per room\$NA

PCT-4 Pulse-Code Translator

Communicates to most source components for access to the source's infrared commands from keypads by repeatedly pressing that source's button\$NA

WH-8000. Wire harness to connect all keypads to grounding platform. One required per 8 rooms\$NA
WH-IRX-8. Wire harness to filter out zone infrared commands and pass source infrared commands to PCT-4\$NA

System 100 Keypads

All models permit direct access of one of 3 sources. All models feature volume and room/system-off controls and an LED indicator with source-playing and zone-status displays.

- MC-1111.** Decora-style keypad\$NA
MC-1001. Single-gang keypad with volume control\$NA
MC-1010. Double-gang keypad with volume control\$NA
MC-1110. Double-gang keypad with electronic volume control, infrared receiver, and volume-level LED indicator\$NA
MC-100T. Table-top keypad\$NA
MC-100OD. All-weather outdoor keypad\$NA

DENON

RC-616 Infrared Repeater

Transmits infrared signal from up to four RC-617W/Ss in secondary rooms to components in primary room. Expansion connectors for five RC-616s to accommodate 20 sensors\$140

RC-617S Infrared Sensor

For connection to RC-616. Features 2-conductor wire connection to RC-616\$45
RC-617W. As above, wall mount\$40

RC-618 Supplemental Emitter

Connects directly to RC-616 and emits signal to components within unit's beam angle\$20

KNOLL

VI1X6 Speaker Selector

6 zones. For speakers within 4- to 16-ohms impedance. Volume controls for each zone. Stackable. Power handling 300 W/ch cont\$646

WM1X6 Speaker Selector

6 zones. For speakers within 4- to 16-ohms impedance. Wall mount. Power handling 200 W/ch cont. 12 x 6 x 1 1/4 in\$190
SI1X6. As above, power handling 300 W/ch cont. Stackable\$266
SI1X4. As SI1X6, for 4 zones\$225

AS2X1. Automatic speaker selector for 2 zones. Includes power supply\$100

IR22. Infrared receiver. Black or white. 2 1/2 x 1/2 x 1/2 in\$100

IR91. Phantom Power Module to allow infrared signal to transmit on 2 wires\$90

IR21. Infrared receiver. Fits standard junction box\$80

VCL120 Volume Control

For speakers with 2- to 16-ohm impedance. 6-position knob with LED indicator. Power handling 120 W/ch cont. Mounting depth 1 1/4 in\$60
VC120. As above, without LED\$45
VC75. As VC120, power handling 75 W/ch cont. 11-position knob. Mounting depth 1 1/8 in\$45

PD43Q. A/B/C selector plate. Fits standard junction box. Screw connections. Power handling 150 W\$40

PD42Q. As above, A/B design\$40

IR33. Junction-box triple emitter. To broadcast infrared signals across room\$36

IR54. Infrared system-connection module\$26

PS09. Power supply for up to 6 infrared components\$14.99

IR31. Multiple-component infrared emitter with swiveling head\$14.99

IR30. Single-component infrared emitter with blocking of undesired signals\$12.99

IR32. IR30 without blocking\$12.99

LINN

Knekt Room Control Unit

Wall-mount remote keypad controller with display. Can controls any infrared remote-controllable product throughout home. Programmable menu-driven interface, timer and memory; software upgradability\$NA

Knekt 8-Way Matrix Audio Controller

8 zones. Distributes 8 source and control signals. RCA connectors. Software upgradability; multiple-unit expandability\$NA

Knekt Line Driver Audio Controller

4 zones. Distributes primary system source and control signals; drives infrared transmitters for non-Linn products. Multiple-unit expandability\$NA

Knekt Local Receiver

Enables secondary room to receive source and control signals from primary system. 3 line-level inputs for local sources in secondary room\$NA

Knekt Circuit Switcher

Switches mains power and speaker signals. Features programmable relay contacts\$NA

MCINTOSH

CR10. Remote control system providing multiroom

capabilities for McIntosh preamplifiers\$2,000
ACM1/ACM2. Zone control module for CR10\$330
PC1. AC power controller for CR10 with 14 outlets\$200

R657. Infrared repeater\$300

WK-2. Wall-mount keypad for C712, C38, C39, MX130, and MX118 preamplifiers\$220

SCR3. Speaker control relay for C36, C38, and C40 preamplifiers\$100

R826. Infrared emitter\$25

NILES

VSA-1 Passive A/V Patching System

For stereo audio and composite video; audio follows video; gold-plated RCA connectors\$250

Speaker Selectors and Impedance Matchers

For 2 to 10 pairs of speakers. Power handling 100 to 250 W per channel. Accepts 14-gauge and thinner wire; includes preprinted room labels. Optional accessories (\$5-\$235) include rack-mount panels, additional labels, wall-mount keypads and selectors, plug-in volume and speaker-selector cards, remote controls, and an X-10 interface\$120-\$820

Automated Switching Systems

A/B switching system triggered by sound, video, current, and/or voltage. Optional accessories (\$6-\$50) include a rack-mount panel, AC/DC adaptor, trigger interface, and interface cable\$75-\$550

Source Switchers

Wall-mount and table-top selectors for source units, amplifiers, and/or speakers\$75-\$135

Volume Controls

Line-level, stereo, and high-power volume controls are wall- and tabletop-mountable; weatherized versions are available. Come in standard and Decora styling. Require 1- or 2-gang P-ring or J-box. Available in bone, white, black, gray, and/or almond\$60-\$130

Wall-Mount Selectors

For selecting speakers or amplifiers. Decora styling; requires 1-gang P-ring or J-box; available in almond, black, bone, and/or white\$47-\$70

Infrared Repeaters & Routers

Single- and multiple-zone repeater systems; an infrared router (with optional remote); a sensor expander; wall-, ceiling-, and table-mount infrared sensors; and wall-, Velcro-, and panel-mount infrared flashers\$20-\$125

Wall-Mount Convenience Outlets

For connecting one to four speakers or amplifiers. 5-way binding-post or banana-jack modules, all with 1/4-in spacing. In standard or Decora styling; solderless rear terminations. Requires 1-gang P-ring or J-box. Available in almond, black, bone, and white\$16.50-\$39

Wall-Mount A/V Convenience Outlets

Three female RCA jacks, 1 to 3 F-type jacks, or combination RCA/F jacks in standard or Decora styling; all require a 1-gang P-ring or J-box. Available in almond, black, bone, and white\$10-\$18

A/V Distribution Amplifiers

BDA-8

Line-level audio model; one stereo audio input, eight stereo audio outputs with individual level controls; accepts balanced or unbalanced ins/outs; master input-level control. 19-in rack-mount-size\$445

ADA-6

One stereo audio input, six stereo audio outputs with individual level controls; gold-plated RCA connectors\$200

VDA-5

Composite-video model; one video input, six video outputs with individual level controls; gold-plated

M U L T I R O O M C O M P O N E N T S

RCA connectors\$265

ONKYO

HKT-50AC Multiroom Kit

Includes infrared sensor, 2 emitters, and two 30-meter cables\$269
 HE-50AC. Infrared emitter system\$125
 HR-10W. Infrared sensor\$70
 RC-MR1H. Remote control for secondary zones \$40
 HE-10. Emitter unit\$35
 HW-50. 50-meter connecting cable\$35

SONY

Two basic packages are offered: the DLS-M1 main-system package includes the TA-DM1000 ES master controller, the RM-P1 remote control, the MX-RF1 signal combiner/splitter (not listed), audio and video cables for Sony SIRCS components, and three 75-ohm RF plugs; the DLS-L1 zone package includes the TA-DL100 amplifier, the RMR-TP1 in-wall control panel, and a 75-ohm RF plug. Pricing for the DLS-M1 and DLS-L1 is \$1,200 and \$500, respectively.

TA-DM1000ES Digital Controller

6 audio and 3 video inputs; digital input; line-level, video-monitor, and RF outputs; 6 audio and 2 video control outputs for Sony SIRCS TV remote control. Features 1-bit A/D conversion; simultaneous transmission of 3 digital audio signals; 1 video signal (in RF TV format), and 2-way control signals for all zones through single 75-ohm coaxial cable. Room-in-use and recording-status indicators; ability to learn infrared codes of other brand components; -20 dB mute; 6 switched AC outlets. Sampling frequency 44,100 Hz; FR 10-20,000 Hz ± 0.1 dB; S/N 95 dB; THD 0.007%. 17 x 4 1/4 x 14 in; 16.1 lb\$1,200

RM-P1 Programmable Remote Control

Features 8 source-selection keys, including two

lines throughout home. Configurable for access to two main systems and one local system in each room. Operated via wall keypads and remote controls. Preset volume levels; mute/quiet modes; auto telephone mute. Includes infrared learner. Price varies according to installation\$NA

SOUNDSTREAM

SN1 A/V Controller

29 zones; control for up to 8 A/V source components with composite-video and line-level audio inputs. Controls RA100 amplifier. Features operation via one-touch keypads and R2 programmable A/V remote control; auto speaker selection for each room\$1,295

TERK TECHNOLOGIES

Infrared Leapfrog Remote Range Extenders Leapfrog System

Increases any infrared remote range to 150 feet; transmits RF signals through walls; unaffected by sunlight\$70

IR-4 Transmitter

Controls additional infrared remote controls ..\$19.95

IR-X Infrared Emitters

Allows leaping to command hidden components; permits custom installation; can be daisy-chained with up to 3 other emitters\$14.95

VAUX

Infrared Controllers

Model 500 Aris MediaMation Switcher/Controller 6 x 6 crossbar matrix switcher for line-level audio and composite-level video; programmable controller for A/V infrared, lighting, and power control. Learns/plays 240 infrared codes and controls 100 X-10 devices; 6

(32 keys/devices), no MACRO functions or zone-based control. 2 1/4 x 5 1/4 x 3/4 in\$129

Model PCIR-1 PCI Remote Interface

Provides one-way RF link from computer to Vaux controller. Allows computer to control infrared A/V components\$129

Model PCIR-1 Emitter Cable

Attaches to A/V component's infrared sensor window; 3.5 mm phone plug; 10 ft\$15

XANTECH

The following components provide switching and control capabilities for a multiroom infrared audio and/or video system as well as the means for transmitting and receiving infrared control signals.

Receivers

The following (except model 170-94) send control signals over normal 3- or 2-conductor "zip" cord in phantom power mode; feature system testing talk-back LED; require 781C-00 power supply and infrared emitter.

Model 490-30 Micro Link Miniature Receiver

Flush-mount. Includes quick-connect 7-ft cable with stereo mini plug. Brass or white finish. 1/2-in diameter x 2-in\$130

Model 490DW-00 J-Box Micro Link Miniature Receiver

Wall plate. Decora-style. White metal finish. 1/2-in diameter x 2 in\$125

Model 490-00 Micro Link Miniature Receiver

Flush-mount. Brass or white finish. 1/2-in diameter x 2 in\$120

Model 480-00 Dinky Link Miniature Receiver

Surface-mount. Black or white finish. 2 1/4 x 3/4 x 1/4 in\$106

Model 170-94 The "Original" XTRA LINK Receiver

Sends control signals over existing TV coaxial cable. Controls VCRs, CATV boxes, etc. Includes two emitters and power supply\$100

Model 780-10 J-Box Receiver

In-wall mount. Includes lens for Decora-style wall plate\$88

Model 298-00 Hidden Link + Receiver

Shell-mount. Brushed, black anodized aluminum finish\$86

Model 291-00. Smaller version of above without finish\$60

Modems

MDM-70 IR Remote Control Modem

Requires 781C-00 power supply and emitter ..\$120

Emitters and Blasters

Model 380-00 J-Box Custom Blast-IR Emitter

Amplified in-wall version. For area saturation. Requires 781C-00 power supply. Includes lens for Decora-style wall plate\$52

Model 390-10 The Blast-IR Emitter

Small, shell-mount style. For area saturation. Requires 781C-00 power supply\$52

Model 283-00 Blink-IR Emitter

Illuminating, low-output version of 282-00\$14

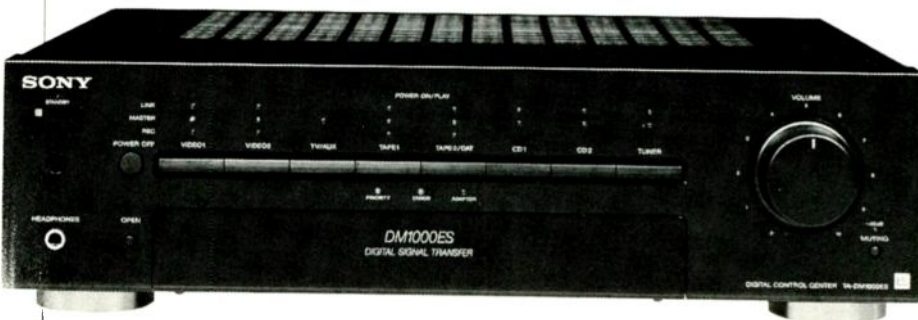
Model 282-00 Mini Emitter

Attaches over component's eye. Includes isolation cover for zone control of individual components ..\$12

Connecting Blocks

Model 795-10 Four Zone

Amplified Connecting Block For 4-zone control of dedicated zone and common zone equipment. Screw terminals for each zone's receiver and keypads. Controls up to 10 common zone



Sony TA-DM1000ES

video; mute, volume, and system-power on/off buttons; concealed function keys for VCR, videodisc player, CD player, DAT deck, and cassette deck; concealed TV keypad; backlit LCD\$130

TA-DL100 Digital Link 40-W/ch Amplifier

Required for DLS system. Features 16-bit D/A converter with 8x oversampling and 44,100 Hz sampling rate. Local AUX and TV-antenna inputs; line-level output. Room-ID switch for up to 16 zones; bass and treble controls. 40 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.008% THD.\$NA

RMR-TP1 Digital Link Touch Panel

Connects to TA-DL100. Features infrared sensor; 8 backlit source-selection buttons, including 2 video; volume, mute, and system-power on/off controls; main/remote-room system power on/off; system-status indicators; volume-level memory. Includes 2 F connectors and 75-ohm coaxial cable with F connectors. Fits 3 gang box. 6 1/4 x 4 1/4 x 4 in; 14 oz.\$NA

SOUNDOLIER

Soundolier Multiroom System

Distributes audio, remote-control, and telephone

infrared output jacks, X-10 interface, and RS-232 computer interface. Features zone-controlled volume, bass and treble control, ten 25-command sequence MACRO keys, and clock-calendar scheduling system. Requires RF-based Vaux Consoles. Black finish. 17 1/4 x 3 1/2 x 10 in\$999

Model 3000 MARC II Controller

As above, no matrix switcher or zone-controlled volume (etc.) control. 17 1/4 x 1 1/4 x 7\$499

Model 1070 MARC Remote Control

Programmable RF infrared remote control system for A/V infrared, lighting, and power control. Learns, plays 128 infrared codes and controls 100 X-10 devices; 4 infrared output jacks and X-10 interface. Black finish\$299

Infrared Accessories

Model CON-1 Console

Radio-frequency remote control. Provides access to 6 programmable infrared devices (39 keys/device), 100 X-10 devices (includes dimming), and 10 MACRO functions and features zone-based control. Black finish. 7 1/2 x 4 x 1 1/4 in\$249

Model RC-1. As above, accesses 4 infrared devices

M U L T I R O O M C O M P O N E N T S

components. 14 testing LEDs. Requires 283-00 or 286-00 emitters and 782-00 power supply . . . \$200
Model 796-00. Expands above to 9 zones . . . \$200

Model 791-40 Amplified Connecting Block

General purpose system. Drives 10 single or dual emitters with no signal strength loss. Selectable emitter output levels. Nine model 790-00 connection capacity. Plug-in screw connectors; quick-connect stereo mini-jack for 490-30. Requires 781C-00 or 782-00 power supply . . . \$80

Model ZC-21 Two Zone Connecting Block

As 795-10 but 2-zone control and plug-in screw connectors. Connects to 791-40 for control of up to 10 common zone components. Requires 283-00 or 286-00 emitters and 781C-00 or 782-00 power supply . . . \$56

Model 789-40 Connecting Block

Connects 4 single or dual emitters and power supply to all Xantech Infrared receivers and keypads. Plug-in screw connectors; quick connect stereo mini-jack for 490-30. Requires 781C-00 or 782-00 power supply . . . \$44

Model 790-00 Multiple Emitter Connecting Block

Connects up to 10 emitters in parallel. Requires 792-10 power module, 791-40 amplified connecting block or 390-10 Blast-IR . . . \$40

Modules

Model 794/797 Universal Interface Modules

Interfaces all Xantech infrared receivers and keypads to the rear panel remote sensor jack on most brands of audio equipment. Includes interface cable for specific brand. Requires 781C-00 power supply . . . \$78

Model 792-10 Power Module

Converts 780-10, 291-00, 298-00, 480-00 and 490-00 to 2-conductor phantom power mode; can be configured in a high-current mode to drive up to 10 model 790-00s . . . \$66

Controllers

Model 590-00 Programmable Controller

Allows the use of any push-button switch or contact closure to trigger the transmission of learned commands. Connects up to 16 contact closures. Multiple-function sequencing for up to 10 commands per closure. DIP switch selection of 4 storage banks. Each bank accepts up to 16 commands. Output jack compatible with all Xantech infrared systems . . . \$300

Model 730-00 Smart Pad Controller

In-wall, Decora-style keypad transmits commands learned from hand-held remote controls. 4 keys select storage banks; 16 keys initiate commands. Multiple-function sequencing for up to 10 commands per key. Output compatible with all Xantech infrared systems. Requires 781C-00 or 782-00 power supply. White, ivory or black finish . . . \$300

Model 710-00 Fone Link Controller

Enables touch tone or cordless phone to remotely control an A/V system. Module transmits learned commands in response to phone touch tones. Output jack compatible with all Xantech infrared systems. Includes power supply . . . \$250

Model 598-00 Controller Keypad

For model 590-00. 8 button Decora-style. Requires 9-conductor cable. Includes pre-printed button labels . . . \$100

Model 590-00 Pulsed Controller Switching Module

Used in conjunction with the 590-00. Provides a momentary contact closure output when a steady 5-12 V DC input is applied . . . \$72

URC-1 Universal Learning Remote Controller

Hand-held, transmits commands learned from remote controls. Features slide switch selection of 4 storage banks; 32 sequence-programmable buttons

per bank; each sequence accepts up to 10 commands . . . \$70

Model 793-00 Serial Control Combiner

Combines serial data output of multiple AM/FM receivers for control of common source components. Used in multiple-zone systems . . . \$64

Remote Control Switchers

Model 680-00 Remote AC Switcher

6 AC receptacles turn on and off in response to commands from the 679-00. High current, 20 amp relays programmable to toggle on/off, pair on/off and all-on/all-off modes. Includes circuit breaker. Black finish . . . \$400

Model 670-00 Smart Switch Controller

Converts commands to contact closures. Includes 4 internal relay contacts. Responds to commands from the 679-00. Expandable up to 12 relays via optional 677-00 relay modules. Requires 782-00 power supply . . . \$320

Model 677-00 Switch Relay Module

Controlled by 670-00. 6 dry-contact, low-voltage relays; 2 normally-open, 2 normally-closed contacts per relay. 19-in rack mountable . . . \$300

Model 676-00 Speaker Selector

Controlled by 670-00. 1 stereo amplifier input and 6 speaker pair outputs. Directs stereo amplifier output to any combination of 6 pairs of speakers programmed by the 670-00. Selectable amplifier impedance protection circuit. 19-in rack mountable . . . \$300

AV-420R Remote A/V Switcher

Selects 1 of 4 A/V sources. Digital display. Includes hand-held remote with 4 source-select buttons. Composite video and line-level audio connections. Includes power supply . . . \$150

RF-422R Remote RF Switcher - Infrared Router

Selects 1 of 4 A/V sources or sends signals to 1 of 4 emitters. Digital display. Includes hand-held remote with direct access buttons for each selection. Includes power supply . . . \$150

Model 671-00 IR Router

Controlled by 670-00. 1 input and 6 outputs. Directs command to any combination of outputs programmed by the 670-00 . . . \$150

Model 679-00 Programmer for 670-00

Hand-held unit provides 8 groups of 16 infrared codes needed for programming the 670-00 and 680-00; also used to program the 710-00, 730-00 and URC-1 to operate the 670-00 and 680-00 . . . \$80

Distribution Amplifiers

AV-426 A/V 6-Way Distribution Amplifier

Prevents signal loss and distortion from occurring in multiple-zone systems using common source components. Buffered, amplified design drives up to 6 A/V components from a single A/V source. Composite video and line-level audio connections. Includes power supply . . . \$100

Accessories

Model 755-00 Match Maker

Speaker Volume Control

In-wall, Decora-style for stereos. Features field-adjustable impedance matching settings for 1-16 pairs of speakers; removable wiring connectors; low-loss autoformer design with 10 volume steps. Power handling 75 W/ch. 2-in depth . . . \$70

Model 799-00 Help-IR

Emits continuous infrared signal. Used for troubleshooting multiroom infrared systems. Includes 781C-00 and 179-99 . . . \$70

Model 782-00 High Current Power Supply

Supplies power for installations with a large number of Xantech devices. Steady, regulated 12 V DC, 1 amp power supply. 2.1 mm coaxial plug connector . . . \$50

Model 285-00 The Xtend-IR

Attaches to most infrared remote controls, amplifying and extending their range . . . \$30

Model 178-00 By-Pass Kit

Routes Xantech infrared control signals carried on TV coaxial cable around RF amplifiers and non-DC-pass RF splitters . . . \$23

Model 786-00 Medium Current Power Supply

Supplies 12 V DC, 300 mA. For use with certain Xantech devices. 2.1 mm coaxial plug connector . . . \$14

Model 781-00 Power Supply

Supplies power for connection of up to 10 infrared receivers or four 730-00 keypads. 3.5 mm mini-plug connector . . . \$12

Model 781C-00. As above, with 2.1 mm coaxial plug connector . . . \$12

Model 179-99 Test-IR

Trouble shooting aid. LED illuminates red to show presence of infrared signals . . . \$10

Model 202-00 4-Way RF Splitter

4-way version of 200-00 . . . \$9

Model 476-00 Infrared/RF Splitter-Injector

Used to inject or extract Xantech infrared control signals carried over TV coaxial cable . . . \$9

Model 634-00 Ground Breaker

Eliminates hum generated when audio components are connected to a CATV video system . . . \$8

Model 784-00 Emitter Extension

50-ft, 24-gauge, 2-conductor cable. Use for long emitter runs. 3.5 mm male mini-plug end and female jack end . . . \$8

Model 200-00 2-Way RF Splitter

DC-pass design. For use with TV coaxial cables carrying Xantech infrared control signals . . . \$5

YAMAHA

The following components provide switching and control capabilities for a multiroom audio system as well as the means for transmitting and receiving infrared control signals.

MCX-10 Controller

5 zones. Provides speaker selection, source selection, and volume control for each zone. Features zone-status indicators; zone-defeat switches; compatibility with most infrared-controllable A/V components; 3 infrared-emitter outputs; independent, selected, and all . . . \$400

RCX-10 Programmable Remote Control

Preprogrammed for Yamaha RS components. Features all keys programmable for 2 non-Yamaha components; memory backup; speaker on/off . . . \$100

WCX-10 Infrared Sensor

Converts infrared control signals from RCX-10 into electrical signals for MCX-10 controller. Fits 2-gang box. Features zone-speaker on/off switch; LED standby and command-receipt confirmation. Paintable titanium-finish faceplate . . . \$100

IRX-20 Powered Infrared Emitter

Designed to flood area with infrared signal for multiple component control. Features 3 LEDs; screw-type connectors; shelf/wall mounting bracket. Black anodized-aluminum housing . . . \$90

CSX-10 Control-Signal Splitter

Permits serial connection of six IRX-10 emitters to any MCX-10 zone output. 10-ft connection cable \$40

IRX-10 Mini Infrared Emitter

Attaches over component's infrared eye for individual control. Features 2 covers including one to prevent activation of other components. Includes 5½-ft connecting cord . . . \$12

AAMP

13160 56th Ct.
Clearwater, FL 34620
813-572-9255

Aacarian Systems

15 Woodview Dr.
Nesconset, NY 11767
516-737-9369

Accuphase (see **Axiss Distribution**)

Ace Audio

Rd. 3, Box 351
Homer City, PA 15748
412-479-3054

AcousTex

One Garfield Circle
Burlington, MA 01803
617-229-2100

Acoustic Arts

3100 Walnut Grove Rd.
Memphis, TN 38111
800-826-4088

Acoustic by Audio Technology

1341 N. Bluegum
Anaheim, CA 92806
714-632-7194

Acoustic Energy

(see **Axiss Distribution**)

Acoustic Interface

Box 747
Santa Barbara, CA 93116
805-964-0701

Acoustic Research

330 Turnpike St.
Canton, MA 02021-2703
617-821-2300

Acurus (see **Mondial Designs**)

Adcom

11 Elkins Rd.
E. Brunswick, NJ 08816
908-390-1130

a/d/s/

One Progress Way
Wilmington, MA 01887
617-729-1140

Advanced Electrodynamic Systems

860 N. Cypress St.
Orange, CA 92667-6608
714-639-7690

Advent

25 Tri-State Intl. Office Ctr.
Lincolnshire, IL 60069
800-477-3257

Aerial Acoustics

Box 81248
Wellesley, MA 02181
617-235-7715

AES

Box 90
Marblehead, MA 01945
617-592-4966

Air Tight (see **Axiss Distribution**)

Aiwa

800 Corporate Dr.
Mahwah, NJ 07430
800-289-2492

AKG Acoustics

Box 2200
Northridge, CA 91329
510-351-3500

Allison Acoustics

478 Stanford Ave.
Danville, KY 40422
606-236-8298

Allsop

Box 23
Bellingham, WA 98227
800-426-4303

Alón (see **Aacarian Systems**)

Alpha Consumer Products

6370 Wise Ave. N.W.
N. Canton, OH 44720
216-490-2000

Alpha Reference

Box 3266
Overland Park, KS 66212-2066

Altec Lansing

Box 277
Milford, PA 18337
800-258-3288

American Hybrid Technology

549 Centennial Ave.
Trenton, NJ 08629-2115
609-599-3828

American Recorder Technologies

Box 3592
Simi Valley, CA 93093
805-527-9580

Annis

1101 N. Delaware St.
Indianapolis, IN 46202
317-637-9282

Apature

Box 877
Bunnell, FL 32110
904-437-5530

Apogee

35 York Ave.
Randolph, MA 02368
617-963-0124

Aragon (see **Mondial Designs**)

Arant

Box 192
Marlboro, NH 03455
603-876-4400

Arcam (see **Audio Influx**)

Artech

Box 1980
Champlain, NY 12919
514-631-6448

ASB

8640 Guilford Rd., Ste. 197
Columbia, MD 21046
301-498-6035

ASM Labs

410 E. O'Dell St.
Marionville, MO 65705
417-463-2596

Atlantic Technology

343 Vanderbilt Ave.
Norwood, MA 02062
617-762-6300

Atlantis (see **Audio Plus Services**)

Audience

1525 Brian Pl.
Escondido, CA 92025
619-743-1997

AudioAccess

26046 Eden Landing Rd., Ste. 5
Hayward, CA 94545
510-293-0183

Audio Artistry

1263 Kildaire Farm Rd.
Cary, NC 27511
919-319-1375

Audio by Van Alstine

2202 River Hills Dr.
Burnsville, MN 55337
612-890-3517

Audio Concepts/ACI

901 S. 4th St.
La Crosse, WI 54601
608-784-4570

AudioControl

22410 70th Ave. W.
Mountlake Terrace, WA 98043
206-775-8461

Audio Design Associates

602-610 Mamaroneck Ave.
White Plains, NY 10605
914-946-9595

Audiophile Home Theater

1144 N. Grove St.
Anaheim, CA 92806
714-666-0313

Audio Influx

Box 381, Highland Lakes, NJ 07422
201-764-8958

Audio Innovations (see **NHT**)

Audio Insurgents

3792 Arthur Ave.
Seaforth, NY 11783
516-489-9576

Audiolab (see **Artech**)

Audiolab Electronics
5831 Rosebud Lane, Bldg. C
Sacramento, CA 95841
800-624-1903

Audio Machine & Design

1548 S. 1st St.
Lincoln, NE 68502
402-477-6466

Audiomeca

(see **Audio Plus Services**)

Audio Note

259 N. Capitol Ave. #113
San Jose, CA 95127
408-258-3023

Audiophile Imports

2012B Main St.
Cross Plains, WI 53528
608-798-3338

Audophile Systems

8709 Castlepark Dr.
Indianapolis, IN 46256
800-546-6443

Audio Physic (see **Immedia**)

Audio Plus Services

Box 3047
Plattsburg, NY 12901
800-663-9352

Audio Potentials

1920 Enterprise Pky.
Twinsburg, OH 44087
216-425-8222

Audio Power Industries

2624 S. Roussette St.
Santa Ana, CA 92707
714-545-9495

Audio Products International

3641 McNicoll Ave.
Scarborough, Ontario
Canada M1X 1G5
416-321-1800

AudioQuest

Box 3060
San Clemente, CA 92674
714-498-2770

Audio Research

5740 Green Circle Dr.
Minnetonka, MN 55343-4424
612-939-0600

AudioSource

1327 N. Carolan Ave.
Burlingame, CA 94010
415-348-8114

Audiostatic (see **SOTA**)

AudioStream

Box 2410
Niagara Falls, NY 14302
905-632-0180

Audio Synthesis

(see **Ultra Systems**)

Audio-Technica

1225 Commerce Dr.
Stow, OH 44224
216-686-2600

Audiovector (see **PBN Speakers**)

Audire

18474 Amistad St., Unit E
Fountain Valley, CA 92708
714-968-1236

Audix

24981 Calle Arenal
Lake Forest, CA 92630
800-966-8261

Avalon Acoustics

2800 Wilderness Pl.
Boulder, CO 80301
303-440-0422

Avia (see **Chicago Audio Group**)

Avid Dynamics

Box 192
Marlboro, NH 03455
603-876-4400

AV Line (see **TC Audio**)

AVS Technologies

2100 Trans Canada Hwy. S.
Montreal, Quebec
Canada H9P 2N4
514-683-1771

A.W.H.

Box 591, Bellport, NY 11713
516-286-4989

Axiom

Hwy. #60
Dwight, Ontario
Canada P0A 1H0
705-635-2222

Axiss Distribution
17800 S. Main St., Unit 109
Gardena, CA 90248
310-329-0817

Ayre
2300-B Central Ave.
Boulder, CO 80301
303-442-7300

Bag End
Box 488
Barrington, IL 60011
708-382-4550

B&K Components
2100 Old Union Rd.
Buffalo, NY 14227-2725
800-543-5252

B&W (see **Equity International**)

Bang & Olufsen
1200 Business Ctr. Dr., Ste. 100
Mt. Prospect, IL 60056
800-323-0378

BASF
Crosby Dr.
Bedford, MA 01730-1471
800-225-3326

Basis
26 Clinton Dr., Unit 116
Hollis, NH 03049
603-889-4776

Baton
1060 Old Taylor St.
Vista, CA 92084
619-941-3516

BBE
5500 Bolsa Ave., Ste. 245
Huntington Beach, CA 92649
714-897-6766

BEL
2530 Berryessa Rd. #126
San Jose, CA 95132
408-259-8648

Bel Canto Design
Box 396
Excelsior, MN 55331
612-474-3718

Bell'Oggetti
711 Ginesi Dr.
Morganville, NJ 07751
908-972-1333

Benz Micro
(see **Musical Surroundings**)

Berning
12430 McCrossin Lane
Potomac, MD 20854
301-926-3371

beyerdynamic
56 Central Ave.
Farmingdale, NY 11735
516-293-3200

Bib
Box 27682
Denver, CO 80227
303-972-0410

BIC America
883-E Hampshire Rd.
Stow, OH 44224
216-928-2011

Billy Bags
4147 Transport St.
Ventura, CA 93003
805-644-2185

Blitwise Audio Technologies
9725 Scranton Rd. #100
San Diego, CA 92121
619-552-1052

BLR Electronics
94-03 Cuthbert Rd.
Kew Gardens, NY 11415
718-441-2696

Blue Room
(see **Equity International**)

Blues (see **Sound Quest**)

Bose
The Mountain
Framingham, MA 01701
800-444-2673

Boston Acoustics
70 Broadway
Lynnfield, MA 01940
617-592-9000

Boulder
4850 Sterling Dr.
Boulder, CO 80301
303-449-8220

Boyne Audio
21 Ravenwood Ct.
Lake St. Louis, MO 63367
314-639-1713

Bozak
539 Norwich Ave.
Taftville, CT 06380
203-866-1510

Bright Star Audio
2363 Teller Rd. #115
Newbury Park, CA 91320
805-375-2629

Brookline Technologies
2035 Carriage Hill Rd.
Allison Park, PA 15101-3350
800-366-9290

Bryston
Box 2170, 677 Neal Dr.
Peterborough, Ontario
Canada K9J 7Y4
705-742-5325

Bush
One Mason Drive, Box 460
Jamestown, NY 14702
716-665-2000

Cadawas Acoustics
92 Oneida Ave.
Staten Island, NY 10301
718-981-9138

CADPRO
2525 E. Oakton, Ste. C33
Arlington Heights, IL 60005
708-640-1853

Caig Laboratories
16744 W. Bernardo Dr.
Rancho Bernardo, CA 92127
619-451-1799

California Audio Labs
16812 Gothard St.
Huntington Beach, CA 92647
714-841-1140

Camber
3700 Griffith #338
Montreal, Quebec
Canada H4T 1A7
514-738-3225

Cambridge Physics
Box 192
Marlboro, NH 03455
603-876-4400

Cambridge SoundWorks
154 California St.
Newton, MA 02158
800-252-4434

Camelot Technology
30 Snowflake Rd.
Huntingdon Valley, PA 19006
215-357-7858

Canton
915 Washington Ave. S.
Minneapolis, MN 55415-1245
612-333-1150

Cardas
480 11th St. S.E.
Bandon, OR 97411
503-347-2484

Carver
20121 48th Ave. W.
Lynnwood, WA 98036
206-775-1202

Cary Audio Design
111A Woodwinds Industrial Ct.
Cary, NC 27511
919-481-4494

Case Logic
6303 Dry Creek Pky.
Longmont, CO 80503
800-447-4848

CD3 Storage Systems
Box 1206
Georgetown, TX 78627
800-388-7597

CEC (see **Parasound**)

Celeste (see **SimAudio**)

Celestion
89 Doug Brown Way
Holliston, MA 01746
508-429-6706

Cello
315 Peck St.
New Haven, CT 06513

Cerwin-Vega
555 E. Easy St.
Simi Valley, CA 93065
805-584-9332

Chapman
Box 140
Vashon, WA 98070
206-463-3008

Chase Technologies
4275 34th St. S. #325
St. Petersburg, FL 33711
813-867-8444

Chicago Audio Group
4711 W. Armitage Ave.
Chicago, IL 60639
312-745-0300

Chord (see **NAIM**)

Classe Audio
9414 Cote de Liesse
Lachine, Quebec
Canada H8T 1A1
514-636-6384

Coda
9941 Horn Rd., Unit A
Sacramento, CA 95827
916-363-4653

Cogent
25166 Via de Anza
Laguna Niguel, CA 92677
714-495-2322

Cogneo Designs
3250 Darley Ave.
Boulder, CO 80303
303-499-0408

Conrad-Johnson
2733 Merrilee Dr.
Fairfax, VA 22031
703-698-8581

Continuum Group (see **Coda**)

Counterpoint
2281 Las Palmas Dr.
Carlsbad, CA 92009
619-431-5050

Creative Acoustics
Box 230300
Hollis Station, NY 11423
718-464-6444

Creek (see **Music Hall**)

Crest
100 Eisenhower Dr.
Paramus, NJ 07652
201-909-8700

Crosby Audio Works
101 N. First St., Ste. 163
Los Altos, CA 94022
408-736-6120

CSI (see **Speco**)

Custom Designed Speakers
612-225-4466

CWD
54 Concord St., Box 8
N. Reading, MA 01864
800-370-3740

Cyclops Distributors
600 N. 12th St.
Reading, PA 19604
800-292-5677

Dahlquist
717 E. Jericho Turnpike, Ste. 336
Huntington Station, NY 11746
516-231-0617

David Lucas
924 Hulton Rd.
Oakmont, PA 15139
412-828-1967

Day Sequerra
(see **Acoustic Research**)

DB Systems
Box 460
Rindge, NH 03461
603-899-5121

DCM
670 Airport Blvd.
Ann Arbor, MI 48108
800-878-8463

Definitive Technology
11105 Valley Heights Dr.
Baltimore, MD 21117
410-363-7148

Dennesen
Box 51, Beverly, MA 01915
508-927-2521

Denon
222 New Rd.
Parsippany, NJ 07054
201-575-7810

Design Acoustics
(see **Audio Potentials**)

DGX
778 Marconi Ave.
Ronkonkoma, NY 11779-7230
516-471-3282

Digital Phase
Box 22813
Chattanooga, TN 37422
800-554-7325

Discwasher (see **Recoton**)

Dodson Audio
8881 Pipestone Way
San Diego, CA 92129
619-484-8199

Don J. Cochran
1900 Embarcadero Rd., Ste. 109
Palo Alto, CA 94303
415-496-1900

DPA Digital
(see **Audiophile Imports**)

Duntech
111 South Dr.
Barrington, IL 60010
708-526-1681

D.W. Electrochemicals
97 Newkirk Rd. N.
Richmond Hill, Ontario
Canada L4C 3G4
905-508-7500

Dynaclear (see **Artech**)

Dynaco (see **Panor**)

Dzurko Acoustics
901 S. 4th St.
La Crosse, WI 54601
608-784-4570

Electrocompaniet
(see **EuroSon America**)

Emerson
9 Entin Rd.
Parsippany, NJ 07054
201-884-5800

Eminent Technology
225 E. Palmer St.
Tallahassee, FL 32301
904-575-5655

Energy
(see **Audio Products International**)

Enlightened Audio Designs
300 W. Lowe
Fairfield, IA 52556
515-472-4312

Ensemble
119 Main St.
Mount Kisco, NY 10549
914-241-9595

Entec (see **Crosby Audio Works**)

Epic Design Studios
11635 Salinaz Dr.
Garden Grove, CA 92643
800-343-3742

Epik Monitor Systems
129 Woodsworth Lane
Pleasant Hill, CA 94523
510-682-1711

Eplome (see **GC Electronics**)

Epos (see **Music Hall**)

Equity International
54 Concord St., Box 8
N. Reading, MA 01864
800-370-3740

Esoteric (see **Teac**)

Esoteric Sound
4813 Wallbank Ave.
Downers Grove, IL 60515
708-960-9137

ESS
11415 Folsom Blvd.
Rancho Cordova, CA 95742
916-852-0906

Essence
805 M St.
Lincoln, NE 68508
402-477-0600

EuroSon America
40 Cain Dr.
Brentwood, NY 11717
516-273-4200

Expressive Technologies
Box 6401
Holliston, MA 01746
508-429-1219

Finyl (see **Transparent**)

Fisher
21350 Lassen St.
Chatsworth, CA 91311
818-998-7322

Forté (see **Threshold**)

Fosgate-Audionics
80 Crossways Park W.
Woodbury, NY 11797
800-422-8027

Fried Products
1323 Conshohocken Rd.
Norristown, PA 19401
800-255-1014

Fuji
555 Taxter Rd.
Elmsford, NY 10523
800-755-3854

GC Electronics
1801 Morgan St.
Rockford, IL 61102
800-435-2931

Genesis
Box 669
Minturn, CO 81645
303-827-9515

Geneva
7109 31st. Ave. N.
Minneapolis, MN 55427-2848
800-358-5600

George Kaye Audio Labs
8 Broadway Alley
New York, NY 10016
212-779-3713

Gertner Audio
Box 14294
Research Triangle Park, NC 27709
919-510-0333

Golden String
17825 N.E. 65th St., Ste. A110
Redmond, WA 98052
206-558-0991

Goltring (see **Audiophile Imports**)

Gold Sound
4285 S. Broadway
Englewood, CO 80110
303-789-5310

Goldstands
229 Nassau Rd.
Huntington, NY 11743
516-427-4813

Goldstar
1000 Sylvan Ave.
Englewood Cliffs, NJ 07632
201-816-2000

Gordon J. Gow Technologies
1307 E. Landstreet Rd.
Orlando, FL 32824
407-855-0497

Gradient (see **Pro Audio**)

Grado Labs
4614 7th Ave.
Brooklyn, NY 11220
718-435-5340

Graham Engineering
(see **Musical Surroundings**)

Gryphon
4353-G Tuller Rd.
Dublin, OH 43017
614-792-1411

Hafler
613 S. Rockford Dr.
Tempe, AZ 85281
800-366-2349

Hales Design Group
(see **California Audio Labs**)

Harbeth
(see **Musical Surroundings**)

Harman Kardon
80 Crossways Park W.
Woodbury, NY 11797
800-422-8027

Harrison Laboratory
Box 1349
Parker, CO 80134
303-841-5360

Hartley
Box 4794
Wilmington, NC 28406
919-392-0500

Hsu Research
20013 Rainbow Way
Cerritos, CA 90703
800-554-0150

Hubbell Sound Systems
Box 30136
Des Moines, IA 50310
515-277-1446

Ichor (see **Immedia**)

Immedia
1500 Park Ave.
Emeryville, CA 94608
510-654-9035

Incus
Box 770
Amherst, NY 14221
800-835-7290

Infinitly
9409 Owensmouth Ave.
Chatsworth, CA 91311
818-407-0228

Itone Audio
3429 Morningside Dr.
El Sobrante, CA 94803
510-222-4276

J.A. Michell (see **Artech**)

Jamo
1907 Janke Dr.
Northbrook, IL 60062
708-205-1950

Janis (see **John Marovskis Audio Systems**)

Jasco
311 N.W. 122nd St.
Oklahoma City, OK 73114
800-654-8483

JBL
80 Crossways Park W.
Woodbury, NY 11797
516-496-3400

Jeff Rowland Design Group
Box 7231
Colorado Springs, CO 89033
719-473-1181

Jensen
25 Tri-State Intl. Office Ctr.
Lincolnshire, IL 60069
800-323-0707

John Marovskis Audio Systems
2889 Roebling Ave.
Bronx, NY 10461
212-892-7419

Joseph Audio
2 Pineridge Rd.
White Plains, NY 10603
800-474-4434

Joseph Grado Signature
921 Tice Pl.
Westfield, NJ 07090
908-233-5893

JPW (see **Music Hall**)

JRM Engineering
3716 Broadway N.E.
Knoxville, TN 37917-3120
615-688-6501

JVC
41 Slater Dr.
Elmwood Park, NJ 07407
201-794-3900

KAB Electro-Acoustics
Box 2922, Plainfield, NJ 07062
908-754-1479

KEF
89 Doug Brown Way
Holliston, MA 01746
508-429-3600

Kenwood

Box 22745
Long Beach, CA 90801
800-536-9663

Kimber Kable

2752 S. 1900 West
Ogden, UT 84401
801-621-5530

Kinergetics

4260 Charter St.
Chatsworth, CA 91313
213-582-9349

Kinetic Audio

Box 215
Arlington Heights, IL 60006
708-408-7466

KLH

11131 Dora St.
Sun Valley, CA 91352
800-854-4441

Klipsch

8900 Keystone Crossing, Ste. 1200
Indianapolis, IN 46240
800-554-7724

Knoll

1468 Gulf Rd., Unit 1206
Point Roberts, WA 98281
604-272-4555

Koss

4129 N. Port Washington Ave.
Milwaukee, WI 53212
800-872-5677

Lamm Audio Laboratory

185 Ave. S
Brooklyn, NY 11223
718-382-9093

Lancer

12340 McCann Dr.
Santa Fe Springs, CA 90670
310-941-3509

L.A. Rocker (see Owl)

LAT International

317 Provincetown Rd.
Cherry Hill, NJ 08034
800-321-2108

Legacy Audio

3021 Sangamon Ave.
Springfield, IL 62702
800-283-4644

Lenbrook

633 Granite Ct.
Pickering, Ontario
Canada L1W 3K1
905-831-6333

Leslie Dame Enterprises

111-20 73rd Ave.
Forest Hills, NY 11375
718-261-4919

Lexicon

100 Beaver St.
Waltham, MA 02154
617-736-0300

Lift

115 River Rd.
Edgewater, NJ 07020
800-543-8269

Linaeum

1238 N.W. Gilsan, Ste. 404
Portland, OR 97209
503-222-5138

Linn (see Audiophile Systems)

Loran

2715 Pennsylvania Ave. W.
Warren, PA 16365
800-633-0455

LT Sound

7980 LT Parkway
Lithonia, GA 30058
404-482-4836

Luxman (see Canton)

Lyra (see Immedia)

Mach 1 Acoustics

R.R. 2, Box 334-A
Wilton, NH 03086
603-654-9826

Madison Fielding

200 William St.
Port Chester, NY 10573
914-939-4600

Madrigal

Box 781, 2081 S. Main St.
Middletown, CT 06457
203-346-0896

Magnavox (see Philips)

Magneplanar

1645 Ninth St.
White Bear Lake, MN 55110
612-426-1645

Magnum Dynalab

8 Strathearn Ave., Unit 9, Brampton
Ontario, Canada, L6T 4L9
905-791-5888

M&K Sound

10391 Jefferson Blvd.
Culver City, CA 90232
310-204-2854

Marantz

440 Medinah Rd.
Roselle, IL 60172-2330
708-307-3100

Marchand

Box 473
Webster, NY 14580
716-872-0980

Mark Levinson (see Madrigal)

Marquis

901 Charity St.
Abbeville, LA 70510
318-893-6803

Marshall Electronics

Box 2027
Culver City, CA 90231
800-800-6608

Martin-Logan

Box 707
Lawrence, KS 66044
913-749-0133

Mastercraft Audio

Box 2661
Huntington Station, NY 11746
516-543-5347

Maxell

22-08 Route 208
Fair Lawn, NJ 07410
201-796-8790

May Audio Marketing

Box 1048, 76 Main St.
Champlain, NY 12919
518-298-4434

MBL

101 Crosby St.
New York, NY 10012
212-925-0368

MB Quart

25 Walpole Park S.
Walpole, MA 02081
508-668-8973

McCormack

542 North Highway 101
Leucadia, CA 92024
619-436-7666

McIntosh

2 Chambers St.
Binghamton, NY 13903-2699
607-723-3512

Melos

452 Lincoln Blvd.
Middlesex, NJ 08846
908-302-2552

Meniscus

2575 28th St. S.W.
Wyoming, MI 49509
616-534-9121

Meret Audio

10920 Indian Trail #301
Dallas, TX 75229
214-243-0200

Meridian

3800 Camp Creek Pky.
Building 2400
Atlanta, GA 30331
404-344-7111

Merlin

4705 S. Main St., Box 146
Hemlock, NY 14466
716-367-2390

Merrill Audio

2125 Central Ave.
Memphis, TN 38104
901-272-1410

Michael Green Designs

(see Ultra Systems)

Micromega (see Golden String)

Mirage (see Audio Products International)

Mission

400 Matheson Blvd. E. #31
Mississauga, Ontario
Canada L4Z 1N8
905-507-0777

MIT

3037 Grass Valley Hwy.
Auburn, CA 95602
916-888-0394

Mitsubishi

6100 Atlantic Blvd.
Norcross, GA 30071
800-332-2119

Modern Audio Consultants

112 Swanhill Ct.
Baltimore, MD 21208
410-486-5975

Mod Squad (see McCormack)

Mogami (see Marshall Electronics)

Mondial Designs

2 Elm St.
Ardley, NY 10502
914-693-8008

Monitor Audio

Box 1355
Buffalo, NY 14205
905-428-2800

Monster Cable

274 Wattis Way
S. San Francisco, CA 94080
415-871-6000

Mordaunt-Short

(see Audio Plus Services)

Morel

414 Harvard St.
Brookline, MA 02146
617-277-6663

MTX

4545 E. Baseline Rd.
Phoenix, AZ 85044
602-438-4545

MTX Soundcraftsmen (see MTX)

Muse

Box 2198
Garden Grove, CA 92642
714-554-8200

Museatech (see a/d/s/)

Musical Concepts

1832 Borman Ct. #1
St. Louis, MO 63146
314-275-4925

Musical Design

1832 Borman Ct. #1
St. Louis, MO 63146
314-275-7162

Musical Surroundings

5856 College Ave., Ste. 146
Oakland, CA 94618
510-420-0379

Music Hall

108 Station Rd.
Great Neck, NY 11023
516-487-3663

Music Reference

Box 40807
Santa Barbara, CA 93140
805-250-1825

NAD (see Lenbrook)

NAIM

1748 N. Sedgwick St.
Chicago, IL 60614
312-944-0217

Nakamichi

955 Francisco St.
Torrance, CA 90502
310-538-8150

NEAR

12 Foss Rd.
Lewiston, ME 04240
207-795-0609

NEI

5337 N. Marine Dr.
Portland, OR 97203
503-289-3182

Nestorovic Labs
8307 N.E. 110 Place
Kirkland, WA 98034
206-821-0225

NHT
535 Getty Ct., Building A
Benicia, CA 94510
707-747-0151

Nikko (see **AVS Technologies**)

Niles
12331 S.W. 130th St.
Miami, FL 33186
305-238-4373

NSM (see **EuroSon America**)

NSM Loudspeakers
Box 326
Garden City, NY 11530
516-486-8285

NuReality
2907 Daimler St.
Santa Ana, CA 92705-5810
714-442-1080

O'Brien Creations
Box 538
New Paltz, NY 12561
914-255-2655

OCM Technology
1237 E. Main St., Building 2
Rochester, NY 14609
716-482-8850

Ohm Acoustics
241 Taaffe Pl.
Brooklyn, NY 11205
718-783-1111

Onix (see **Audiophile Imports**)

Onkyo
200 Williams Dr.
Ramsey, NJ 07446
201-825-7950

Optimus by Radio Shack
(see **Radio Shack**)

Oracle
Box 394
Edmundston, New Brunswick
Canada E3V 3L1
506-735-1080

Otvös Industries
R.R. 4, Brighton
Ontario, Canada K0K 1H0
613-475-3633

Owi
1160 Mahalo Pl.
Compton, CA 90220-5443
310-638-4732

Panasonic
One Panasonic Way
Secaucus, NJ 07094
201-348-9090

Panor
125 Cabot Ct.
Hauppauge, NY 11788
516-434-1200

Paradigm (see **AudioStream**)

Paragon Acoustics
123 State St.
St. Paul, MN 55107
800-224-7599

Parasound
950 Battery St.
San Francisco, CA 94111
415-397-7100

Parsec (see **Recoton**)

PBN Speakers
16619 Wikiup Rd.
Ramona, CA 92065
619-789-8377

Pegasus (see **The Speaker Factory**)

P.E. Léon
Box 37, Station E
Montreal, Quebec
Canada H2T 3A5
514-384-3737

Per Madsen Design
Box 330101
San Francisco, CA 94133
415-928-4509

Perreux Technologies
Box 248
Buffalo, NY 14225
716-894-7183

Peterson-Klaus (see **Sound Valves**)

Phase Technology
6400 Youngerman Circle
Jacksonville, FL 32244
904-777-0700

Philips
1 Philips Dr., Box 14810
Knoxville, TN 37914-1810
615-521-4316

Phoenix Gold
1170 N.E. 63rd St.
Portland, OR 97213
503-288-2008

Phyzics
2680 Post Oak Ct. N.E.
Marietta, GA 30062
404-977-5289

Pickering
101 Sunnyside Blvd.
Plainview, NY 11803
516-349-0235

Pine Box Audio
Box 726
Natick, MA 01760
508-650-4025

Pink Triangle (see **Pro Audio**)

Pinnacle
255 Executive Dr., Ste. 310
Plainview, NY 11803
800-346-2863

Pioneer
Box 1760
Long Beach, CA 90801
800-421-1404

Polk
5601 Metro Dr.
Baltimore, MD 21215
800-377-7655

Posh
7865 N.E. Day Rd. W., Building C
Bainbridge Island, WA 98110
206-842-0475

Premier (see **AudioStream**)

Prisma (see **Artech**)

ProAc
(see **Modern Audio Consultants**)

Pro Audio
111 South Dr.
Barrington, IL 60010
708-526-1660

Proceed (see **Madrigal**)

Professional Technologies
5433 Lowell Rd.
Rome, NY 13440
315-337-4156

Progressive Design
310 County Line Rd.
Bensenville, IL 60106
708-860-2130

ProLine (see **Bib**)

Proton
5630 Cerritos Ave.
Cypress, CA 90630
714-952-6900

PS Audio
Box 1119
Grover Beach, CA 93483
805-481-4844

PSB (see **Lenbrook**)

PSE
9755 Hamilton Rd.
Eden Prairie, MN 55344
612-943-1677

Pyramid
1501 60th St.
Brooklyn, NY 11219
718-436-1616

QSC
1675 MacArthur Blvd.
Costa Mesa, CA 92626-1468
714-957-7100

Quad (see **May Audio Marketing**)

Quadrature
3310 Monier Circle, Ste. 8
Rancho Cordova, CA 95670
916-852-7791

Quanta (see **The Speaker Factory**)

Quasar
1707 N. Randall Rd.
Elgin, IL 60123
708-468-5600

Quickline
518 Palo Alto Dr.
Vancouver, WA 98661
206-695-4144

Quicksilver
5635 Riggins Ct. #15
Reno, NV 89502
702-825-1514

Quintessence Acoustics
1631 La Mesa Ave.
Spring Valley, CA 91977
619-698-6015

Radio Shack
700 One Tandy Center
Ft. Worth, TX 76102
817-390-3011

RA Labs (see **RDL Acoustics**)

Rane
10802 47th Ave. W.
Mukilteo, WA 98275
206-355-6000

RBH Sound
4042 Pacific Ave.
Riverton, UT 84405
801-399-4900

RCA (see **Thomson Consumer Electronics**)

RDL Acoustics
26 Pearl St. #15
Bellingham, MA 02019
800-227-0390

Recoton
2950 Lake Emma Rd.
Lake Mary, FL 32746
800-732-6866

Reuben Guss Enterprises
215 W. 92nd St., Ste. 7B
New York, NY 10025
212-580-7401

Roberts Architectural
27075 Cabot Rd. #107
Laguna Hills, CA 92653
714-348-9797

Rock Solid Sounds
(see **Equity International**)

RoomTune (see **Ultra Systems**)

Rossman Audio
597 W. Hillside Ave.
State College, PA 16803
814-234-2044

Rotel (see **Equity International**)

RPM (see **Immedia**)

Ruark (see **Audio Influx**)

Rush Sound
1284 S. Lyon St.
Santa Ana, CA 92705
714-543-2855

Salamander Designs
1 Linden Pl.
Hartford, CT 06106
800-535-5659

Samsung
105 Challenger Rd.
Ridgefield Park, NJ 07660
201-229-4000

Sansui
1290 Wall St. W.
Lindhurst, NJ 07071
201-460-9710

Sanus Systems
1973 W. Country Rd. C2
Roseville, MN 55113
612-636-0330

Sasaki (see **Cyclops Distributors**)

Scan American
Box 145
Southport, CT 06490
203-374-8280

Scotch (see **3M Black Watch**)

Sennheiser
4116 W. Magnolia Blvd., Ste. 100
Burbank, CA 91505
818-845-7366

Sescom

2100 Ward Dr.
Henderson, NV 89015
702-565-3400

Shahinlan

33 A&B Cedarhurst Ave.
Medford, NY 11763
516-736-0033

Sharp

Sharp Plaza
Mahwah, NJ 07430-2135
800-237-4277

Sherwood

14830 Alondra Blvd.
La Mirada, CA 90638
800-962-3203

Shure

222 Hartrey Ave.
Evanston, IL 60202
800-257-4873

Signet

1920 Enterprise Pky.
Twinsburg, OH 44087
216-963-5959

SigTech

24 Thorndike St.
Cambridge, MA 02141
617-491-8890

SimAudio

3285 Iere Rue, Unit 4
St. Hubert, Quebec
Canada J3Y 8Y6
514-445-0032

Snell

143 Essex St.
Haverhill, MA 01832
508-373-6114

Solidsteel (see **Golden String**)

Sonance

961 Calle Negocio
San Clemente, CA 92672
800-582-7777

Sonetic Laboratories (see **QSC**)

Sonic Gem (see **Mastercraft Audio**)

Sonographe (see **Conrad-Johnson**)

Sony

One Sony Dr.
Park Ridge, NJ 07656
201-930-7669

SOTA

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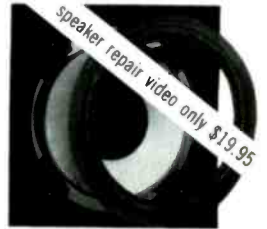


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AC (alternating current): The current available from the power outlets in American homes; it alternates direction sixty times a second.

acoustic-suspension: A type of infinite-baffle speaker that uses the air pressure inside a sealed speaker enclosure to control the motion of the driver.

active crossover: An electronic component that divides the signal from a source component into frequency bands (low, mid, and/or high) before the signal is amplified.

adjacent-channel selectivity (adj-ch sel): A measurement of how well a tuner rejects the signal from stations on either side of the tuned station; higher figures are better, indicating potential for higher performance.

alternate-channel selectivity (alt-ch sel): A measurement of how well a tuner rejects the signal from stations two channels away from the tuned station; higher figures are better.

AM (amplitude modulation): A technique commonly used in radio that conveys information by varying the strength of a high-frequency "carrier" signal.

ambience: The acoustical character of a listening space, largely determined by its size, shape, and the degree of reverberation. Some digital signal processors can synthesize ambience environments.

ampere (amp): The primary measurement unit of electrical current.

amplifier: A separate component, or a section built into an integrated component, that strengthens the electrical signal (increases its amplitude). A power amplifier must be connected to a preamplifier (or "control amplifier") to switch and process the sound. An integrated amplifier combines power-amplifier and preamplifier functions in the same unit; a receiver adds a tuner to that configuration.

AM rejection (AM rej): A measurement of a tuner's ability to suppress changes in an FM signal's amplitude caused by multipath and other types of interference; higher figures are better.

analog: A type of audio component or recording medium that operates with signals whose waveforms are directly analogous to the sounds they represent; see *digital*.

ATRAC (Adaptive Transform Acoustic Coding): The low-bit-rate digital coding process used in the MD format; using psychoacoustic modeling, the system encodes only audible audio components and discards those that are masked or inaudible.

attenuate: To decrease the amplitude, or level, of a signal.

autoreverse: A feature of some cassette decks that enables them to play or record both sides of a cassette without the user having to turn it over manually.

AUX (auxiliary): An input jack found on some receivers, integrated amplifiers, and preamplifiers that can be used to connect line-level source components.

azimuth: The angle between the magnetic gap of a tape head and the edge of the audio tape. Although the azimuth angle is theoretically set at 90 degrees, azimuth often varies from one tape deck to another.

balance: A control found on most receivers, integrated amplifiers, and preamplifiers that changes the relative volume of the left and right channels.

balanced line: A noise-limiting audio transmission technique in which the signal is not carried by the audio cable's shield.

band: A particular segment of a frequency spectrum. For example, a graphic equalizer may divide the audio frequency spectrum into ten bands, with one control to adjust the relative volume of each individual band.

band-pass enclosure: A dual-chamber design for subwoofers that creates an acoustical pass-band, minimizing the need for a low-pass filter.

band-pass filter: A crossover circuit that combines a low-pass and high-pass filter to create a pass-band.

bandwidth: A range of frequencies.

bass reflex: A type of speaker system that has an opening, called a vent or port, in its enclosure so that sounds produced by the backward motion of the woofer(s) reinforces those produced by its forward motion.

Bessel: A type of crossover filter known for its excellent phase characteristics.

bias: A very high-frequency signal added to an audio signal being recorded on tape to reduce distortion.

bipolar transistor: A cost-effective transistor that is generally efficient and accurate as long as proper protection circuitry is utilized.

bright: A subjective term used to describe sound that has a lot of treble.

Butterworth filter: A type of filter—designed in accordance with the so-called "Butterworth polynomials"—known for its flat response curve.

capstan: A rotating shaft in a tape recorder that pulls the tape across the heads. The tape usually travels between the capstan and a pinch-roller. A dual-capstan machine has capstans at each end of the head block; see *closed-loop*.

capture ratio: A measurement of how well a tuner rejects the weaker station's signal when two stations are broadcast at the same frequency. A typical spec is 3 dB; lower figures are better.

cartridge (phono cartridge): A small component mounted on the end of the tonearm in a turntable; it holds the stylus, which vibrates in the record groove. The cartridge converts the vibrations into a changing electrical voltage, or audio signal.

cassette deck: An analog component that uses standard-size audio cassettes for recording and playback; also known as a tape deck. Audio signals are recorded onto, or played back from, the magnetic tape contained in the cassette; see *heads*.

CD (compact disc): A 4.8-in metalized plastic disc that stores up to 80 minutes of digitally recorded music. The nonrecordable disc contains microscopic pits that are read by an optical laser pickup in a compact disc player. Each pit represents digitally encoded audio information.

CD changer: A digital source component that typically provides access to between five and ten CDs, depending on its design. Discs are loaded into a removable magazine or onto a carousel-type platter.

CD+G (compact disc plus graphics): A CD that stores still color images, graphics, and text in addition to audio; a graphics decoder/TV adaptor and a CD player with a subcode output is required to play CD+Gs.

CD-i (compact disc-interactive): An interactive CD-based format that stores video, graphics, text, and audio; the user has control over content and presentation. CD-is can be played back only on CD-i players, which can also play standard CDs.

CD (compact disc) player: A digital source component based on the PCM recording system that plays compact discs.

center channel: A third channel used to complement the front stereo channels in a multichannel audio/video or surround system; its primary goal is to localize dialogue.

channel: A distinct path for an audio signal; stereo signals comprise two channels, left and right.

channel separation: Expressed in dB, a measurement of the amount of leakage between an electronic component's left and right channels; higher figures are better.

Class A: An amplifier design in which the output devices conduct current all of the time.

Class AB: A common amplifier configuration; designed to minimize distortion at low signal levels.

clean: A subjective term used to describe sound that is distortion-free.

clipping: Distortion that occurs when an electronic device cannot accommodate the maximum level requirements of the input signal.

closed-loop: A drive system used in tape decks in which the tape is pulled by dual capstans, one on either side of the heads, so the part of the tape being played or recorded is held taut and fully isolated from the hubs.

coloration: A response anomaly that makes music sound unnatural.

combi-player: A digital audio component that plays CDs and videodiscs.

continuous average (cont avg) power: The maximum amount of undistorted power a power amplifier is capable of producing on a continuous basis. This specification is meaningful only when accompanied by the following information: watts per channel, the load impedance into which the power is delivered, the frequency range over which the rated power can be delivered, and the maximum THD at the rated power.

crossover (crossover network): A separate component or circuit comprising low-pass, high-pass, and/or band-pass filters that divides lower-frequency sounds from higher frequency ones. A crossover is used in a speaker that has more than one driver. In a two-way speaker system, the crossover sends the low frequencies to the woofer and the high frequencies to the tweeter. See *active* and *passive crossover*.

crossover frequency: In a crossover network, the frequency at which audio signals are divided so they can be routed to the appropriate driver (low frequencies to a woofer and high frequencies to a tweeter, for example); also called the crossover or cutoff point.

current: The flow of electrons through a conductor.

D/A (digital-to-analog) converter: An electrical circuit that converts a binary code (or digital word) into an equivalent analog voltage. Many CD players use multibit converters with 16-, 18-, or 20-bit resolution, which reconstruct an analog music waveform sample by sample; the voltage of each sample is determined by the sum of the values represented in a 16-bit digital word. A growing number of players use 1-bit converters; both designs produce excellent sound and laboratory measurements.

damping: The application of mechanical resistance, such as a rubber or silicone material to the cantilever pivot of a phono cartridge, to reduce the amplitude of a resonance; also applied in speakers.

damping factor: A measurement of a power amplifier's ability to control the motion of a speaker's cone after a signal "disappears"; damping-factor figures above 100 are considered to be very good.

DAT (digital audio tape): A digital recording/playback format based on the PCM coding process used in compact disc components. Digitally encoded audio information is recorded onto, and retrieved from, magnetic tape; DAT cassettes are about half the size of a standard audio-cassette.

dB (decibel): The unit used to measure the difference between two levels of sound or electrical signal; a logarithmic expression of the ratio of two such levels. An increase of 10 dB represents a tenfold increase in power. Doubling power raises SPL by about 3 dB; halving power reduces SPL by about 3 dB; see *SPL*.

dBf: One decibel referred to a standard power level of 1 femtowatt (one quadrillionth of a watt).

DC (direct current): Electricity that flows in one direction only; see *AC (alternating current)*.

DCC (digital compact cassette): A digital recording/playback format based on a low-bit-rate recording process called Precision Adaptive Subband Coding (PASC); a DCC tape has a computer-disc-type metal door, is roughly the same size as an analog cassette, and can store 90 minutes of music; DCC machines can play, but not record on, analog cassettes.

de-emphasis: A form of equalization used in FM tuners that is complementary to a pre-emphasis used in transmission. The purpose is to improve

the overall S/N (signal-to-noise) while maintaining uniform frequency response. Some CDs also are processed with a high-frequency pre-emphasis; these discs automatically engage de-emphasis circuits in the player.

defeat: To bypass a signal-processing feature, removing it entirely from the circuit.

defect tracking: A measurement of how well a CD player's laser pickup handles flaws on a disc; a player that can track defects above 2,000 micrometers is considered above average.

demagnetizer: A device that removes eventually damaging magnetism from a cassette deck's tape heads and other metal parts in the tape path.

digital: A digit is a number, and digital components use numbers in some way. A digital tuner, for example, may use numbers only on its front-panel display, or it may use digital-synthesis tuning circuits. CDs contain a pattern representing a series of binary numbers (strings of ones and zeros); a CD player converts these numbers into a continuously changing voltage that represents music.

digital output: A coaxial or fiber-optic output found on some CD components and most DAT decks that is used to pass digital signals to an outboard D/A converter, digital recorder, or a component that has a digital input; except in the case of DAT recorders and outboard D/A converters, digital inputs are still relatively rare.

dipole: A type of speaker that radiates as much sound from its rear as from its front but with opposite polarity.

dipole antenna: A type of antenna that receives radio broadcasts from two directions. A T-shaped, folded dipole antenna is often supplied with tuners and receivers.

dispersion: Characterizes a speaker's radiation pattern; measured in degrees.

distortion: An unwanted alteration in an audio signal; also see *THD (total harmonic distortion)*, *noise*, and *IM (intermodulation distortion)*.

Dolby B, Dolby C, and Dolby S: Tape noise-reduction (NR) systems designed and licensed by Dolby Laboratories for use in consumer tape recorders. They are encode/decode systems, and work by boosting high-frequencies during recording and attenuating them during playback: Dolby S is the most effective (and most expensive), followed by Dolby C and then Dolby B, which is the most common of the three.

Dolby HX Pro: A special circuit for tape recorders—the HX stands for headroom extension—that lowers the amount of bias added during recording when the signal being recorded already has a lot of high frequencies. This allows high frequencies to be recorded at higher levels with less distortion.

Dolby Pro Logic: An enhanced version of the basic Dolby Surround decoding system that employs special "logic" circuitry to improve sound localization, especially of on-screen dialogue. In addition to the two primary speakers, Pro Logic systems require the use of a front center-channel speaker and two rear-channel speakers for ambi-

ence reproduction; as many as eight speakers can be used.

Dolby Surround: A system developed for movie theaters, now available in some signal processors, preamplifiers, integrated amplifiers, and receivers, that adds one or two rear ambience channels to the ordinary stereo channels.

double cassette deck: A cassette deck with two tape transports.

driver: Any individual speaker within a system, such as a woofer or tweeter.

DSP (digital signal processor): A general label for components that manipulate audio signals in the digital domain. DSP tasks include ambience synthesis, equalization, time alignment, filtering, and more.

dubbing: The process of making a recording of another recording.

dynamic range: The difference, in dB, between the softest and the loudest sounds a component can produce; higher figures are better.

dynamics: A subjective term used to describe the ability of a component to render loud and soft musical passages accurately.

early reflections: Sounds in any listening space that reach the ear shortly after direct sounds. Used in discussion of DSP devices that synthesize room ambience; see *late reflections* and *reverberation*.

efficiency: The percentage of the electrical input power going to a speaker or power amplifier that is converted into acoustic energy; it has no practical bearing on sound quality.

electrostatic: Speakers and headphones that produce sound by moving a thin, electrically charged diaphragm suspended in a high-voltage electrical field.

EQ (equalization): The process of changing the relative volume levels of frequency bands to alter tonal balance. Phono signals require a specific type of playback equalization because of the equalization built into the process of cutting a record; see *equalizer*.

equalizer: A component, or part of a component, that divides the audio signal into separately adjustable bands. The most common type is the graphic equalizer.

expander: A device used to restore natural dynamic range to a stereo system. This is achieved by counteracting the compression of dynamic range that sometimes occurs when recordings are made and when a signal is broadcast.

ferrofluid: A ferromagnetic (attracted to a magnet) liquid used in some speakers, especially tweeters, to conduct heat away from the voice coil and improve damping and power handling.

fiber optics: A signal-transmission medium in which digital audio signals are carried through a special cable as impulses of light; the primary benefit is immunity to electrical noise.

50-dB quieting sensitivity: A tuner spec that in-

icates the level of an incoming mono or stereo FM signal that's required to produce a background noise level of -50 dB; lower figures are better.

filter: A circuit that boosts, attenuates, or removes selected frequencies from an audio signal.

flat: A setting of 0 dB (without boosts or attenuation), as in equalizers, tone controls, and frequency response.

flutter: Expressed as a percentage of variation from the correct speed, a wavering sound caused by small, rapid variations in the speed of electro-mechanical components such as turntables and cassette decks; see *W&F*.

FM (frequency modulation): A type of radio broadcasting that encodes audio waveforms as variations in the frequency of the broadcast carrier signal. An FM station with a center frequency of 88.1 MHz will actually broadcast a signal that changes from slightly less than 88.1 MHz to slightly more, according to the amplitude of the audio waveform.

frequency: Rate of vibration or oscillation. Sounds are vibrations and can be represented by electrical signals that change at different rates; a low-pitched sound is represented by a slowly changing voltage, a high-pitched sound by a quickly changing voltage. Frequency is measured in cycles per second, or Hz. The audio spectrum is widely considered to be 20 to 20,000 Hz. In radio, frequency refers to the carrier signal of the station, such as 88.1 MHz for an FM station or 1.010 kHz for an AM station.

frequency response: A specification that indi-

cates how evenly a component reproduces frequencies in the audio spectrum. A typical spec is 20 to 20,000 Hz \pm 3 dB, which means that the component will reproduce sounds as low as 20 Hz and as high as 20,000 Hz, and all those in between, not more than 3 dB too loud or too soft. If a frequency-response spec does not include a tolerance (the plus-or-minus decibel figure), it's essentially meaningless.

graphic equalizer: An equalizer with fixed bands; see *equalization*.

ground: The theoretical zero voltage reference; used to describe a negative (-) connection.

headroom: Expressed in dB, the difference between the highest level present in the input signal and the maximum level an audio device can handle without distortion.

heads: The parts of a tape deck that impose a magnetic pattern on a tape (for recording) or detect one that is already there (for playback). Most tape decks have a separate head for erasing tapes by randomizing the magnetic pattern on the tape so that a new one can be recorded.

high-pass filter: A crossover circuit that passes only those frequencies that fall above a predetermined crossover frequency, attenuating those below; see *low-pass filter*.

home theater system: A collection of audio and video components. A minimum of four speakers—two front and two rear—is required to approach realism of surround-sound movie soundtracks. High-performance systems incorporate a Dolby Pro Logic decoder, which adds a front center-channel speaker and a subwoofer to the above configuration.

HX Pro: See *Dolby HX Pro*.

Hz (hertz): The standard unit of frequency, named after the German physicist Heinrich Hertz. Measurements in hertz represent cycles per second, or changes away from a basic state and back again. In audio, the basic state is defined either as ordinary air pressure (without sound) or its electrical equivalent (a constant-level DC signal). The higher the Hz figure, the higher the sound's pitch.

IC (integrated circuit): A miniature one-piece electronic device containing many transistors and resistors; it is the basic building block of most audio components; see *solid state*.

IF (intermediate frequency) rejection: A measurement of an AM or FM tuner's ability to reject external interference at the intermediate frequency; higher figures are better.

image rejection: A measurement of a tuner's ability to reject the sum or difference frequency of its own intermediate and oscillator frequencies; poor suppression results in reception at false frequencies and noisy performance. Higher figures are better.

imaging: A subjective term for the ability of a stereo system to place vocals and instruments in a spatially realistic manner.

IM (intermodulation distortion): A type of distortion caused by frequencies that are sums and differences of the input frequencies; lower figures are better.

impedance (imp): A measurement, in ohms, of the resistance a component presents to the flow of electrical current; the lower the number, the

ABBREVIATIONS

AC—alternating current
 A/D—analogue-to-digital
 ADC—analogue-to-digital converter
 AFC—automatic frequency control
 alt-ch—alternate channel
 amp—amplifier
 CIRC—cross interleave Reed-Solomon code
 CrO₂—chromium dioxide
 D/A—digital-to-analog
 DAC—digital-to-analog converter
 DAT—digital audio tape
 dB—decibel
 dBf—decibels per femtowatt
 DC—direct current
 DCC—Digital Compact Cassette
 dsp—digital signal processor/digital signal processing
 EFM—eight-to-fourteen modulation
 EIA—Electronic Industries Association
 EIAJ—Electronic Industries Association of Japan
 EQ—equalizer, equalization
 F—farad, Fahrenheit
 FET—field-effect transistor
 FR—frequency response
 g—gram
 HX—headroom extension
 Hz—hertz
 IC—integrated circuit
 IEC—International Electrotechnical Commission

IEEE—Institute of Electrical & Electronic Engineers
 IF—intermediate frequency
 IHF—Institute of High Fidelity
 im—intermodulation distortion
 imp—impedance
 ips—inches per second
 k—kilo
 kHz—kilohertz
 LCD—liquid-crystal display
 LED—light-emitting diode
 L/R—left/right
 LSB—least-significant bit
 LSI—large-scale integrated circuit
 M—mega (one million)
 Mb/sec—megabits per second
 MC—moving coil
 MD—minidisc
 MDF—medium-density fiberboard
 MM—moving magnet
 MNOS—metallic nitrogen-oxide semiconductor
 MOL—maximum output level
 MOSFET—metal-oxide-semiconductor FET
 MPX—multiplex
 MSB—most-significant bit
 m—meter (as in SPL/W/m)
 m—milli (one thousandth, as in msec)
 mH—millihenry
 mm—millimeter
 ms—millisecond
 mV—millivolt
 mW—milliwatt

μ —micro (one millionth)
 NAB—National Association of Broadcasters
 nWb—nanoweber
 NR—noise reduction
 PCM—pulse-code modulation
 PCOCC—pure-copper continuous cast
 pF—picofarad
 PLL—phase-locked loop
 RF—radio frequency
 RIAA—Recording Industry Association of America
 rms—root mean square
 ROM—read-only memory
 rpm—revolutions per minute
 sel—selectivity
 sens—sensitivity
 sep—separation
 SMPTE—Society of Motion Picture and Television Engineers
 S/N—signal-to-noise ratio
 SPL—sound-pressure level
 SPL/W/m—sound-pressure level with a 1-watt input measured at 1 meter
 THD—total harmonic distortion
 TIM—transient intermodulation (distortion)
 V—volt
 VA—volt-ampere
 VU—volume unit
 W—watt
 W&F—wow-and-flutter
 Wb—Weber
 wrms—weighted root mean square
 wtd—weighted

less resistance.

infinite baffle: A large sealed speaker enclosure in which the compliance of the air inside the box is much greater than the compliance of the speaker's suspension system; see *acoustic suspension*.

infrared: A part of the electromagnetic spectrum that is just below the range of frequencies visible to the human eye. Wireless remote controls use infrared frequencies to send control signals to components.

infrasonic filter: A type of high-pass filter used in some signal processors to attenuate inaudible frequencies below about 20 Hz; also called a subsonic filter.

input: The receptacle, or jack, on a component that receives incoming signals; also refers to the incoming signal itself.

integrated amplifier: A component that performs the functions of both a preamplifier and a power amplifier.

interchannel phase error: Expressed in degrees, the phase difference between the two channels of a CD player; figures above 1 degree are below average.

intermediate frequency: In tuners, 10.7 MHz for FM and 455 kHz for AM.

isolation: The separation of a structure from everything surrounding it.

jack: A female connector that serves as a receptacle for a male connector; see *RCA connector*.

Kapton: A plastic material widely used in the manufacture of speaker voice-coil formers.

kHz (kilohertz): 1,000 Hz.

laserdisc: A laser-read videodisc system. Laserdisc players are similar to CD players; see *combi-player*.

late reflections: Echoes in an enclosed space that reach the ear after multiple reflections and, consequently, have a relatively long delay time; see *early reflections* and *reverberation*.

LCD (liquid-crystal display): A type of electronic readout used on the faceplate of some components and remote controls.

LED (light-emitting diode): A small light used as an indicator on many components.

linearity: Describes the accuracy of a component's output signal compared to the input signal; a device whose output varies in direct proportion to the input is said to be linear.

linear-tracking tonearm: A type of tonearm that moves in a straight line across the radius of a record.

line-level: Refers to low-voltage audio signals; also known as low-level or preamp-level. See *speaker level*.

logic: In cassette decks, the ability to switch from one transport function, such as fast forward, to another, such as rewind, without pressing the

stop button; doing this in decks without logic controls can damage the tape. In a surround-sound system, logic circuits are used to improve separation between multiple channels derived from matrix-encoded stereo signals.

loudness compensation: A form of equalization that progressively emphasizes low frequencies (and sometimes high frequencies) as volume is reduced. Loudness-compensation circuits, which appear in some preamplifiers and receivers, are designed to offset the human ear's loss of low-frequency sensitivity as the sound level decreases and can be switchable (on/off), adjustable, or automatic.

low-pass filter: A crossover circuit that passes frequencies that fall below a predetermined crossover frequency and attenuates those above; see *high-pass filter*.

mA (milliampere): One thousandth of an ampere.

magazine: The removable module in a CD changer into which five, six, or ten discs are loaded.

matrix: A type of circuit commonly used in surround-sound processors to encode three or more channels of information into two or to derive multiple channels from an encoded stereo signal. Also used to describe a similar type of circuit that can synthesize a rear channel for ambience even if the original recording consists of only left and right stereo channels.

maximum power: The maximum, or peak, amount of power an amplifier is capable of producing for a short period; see *continuous average power*.

MD (MiniDisc): An optical recording/playback format based on an efficient low-bit-rate coding process called Adaptive Transform Acoustic Coding (ATRAC); up to 74 minutes of audio information is stored on and retrieved from a 2½-inch optical disc housed in a computer-disc-like caddy. MD is not compatible in any way with the CD format.

MHz (megahertz): 1,000,000 Hz.

microphone: An electroacoustic pickup device that converts acoustical energy—such as live music or voice—into an electrical signal that is essentially equivalent in shape and amplitude to the acoustical input.

midbass: The segment of the audio frequency spectrum covering sounds produced in the upper bass and lower midrange region.

midrange: The segment of the audio frequency spectrum between the bass and treble frequencies, which includes most of the fundamental tones of the human voice and most musical instruments.

mono (monaural): An audio signal in which all the information is combined in one channel. In a component, it indicates that only one combined channel is handled, as in a mono power amplifier.

MOSFET (metal-oxide-semiconductor-field-effect transistor): A special transistor used in some power amplifiers that is capable of delivering very high peak current, although it's more

prone to crossover distortion than other designs; see *transistor*.

MPX (multiplex): A method of combining two or more signals into one. Some tape decks have an MPX filter that removes the 19,000-Hz pilot tone from stereo FM broadcasts.

MTS (multichannel television sound): The encode/decode system devised by Zenith and dbx for stereo television broadcasting in the United States. An MTS decoder, which may be built into an audio or video component, decodes stereo broadcasts; see *SAP*.

muddy: A subjective term describing sound, usually in the bass region, that isn't clear.

multipath: A condition that occurs when a broadcast radio signal reaches the tuner's antenna over two or more paths of differing lengths. The result is interference that causes distortion and a loss of stereo separation.

multiroom system: A system that directs music or video programs from one or more sources to secondary listening spaces, or zones.

µs (microsecond): One millionth of a second.

µV (microvolt): One millionth of a volt.

mV (millivolt): One thousandth of a volt.

negative feedback: A circuit design used to some degree in all power amplifiers in which a portion of the output signal is mixed with the input signal to reduce gain, which in turn reduces distortion and increases the amplifier's stability.

noise: An unwanted part of an output signal that is not related to the input signal. Audio noise usually sounds like hiss or hum.

NR (noise reduction): A system designed to reduce the noise added to an audio signal during recording. See *Dolby B*, *Dolby C*, and *Dolby S*.

ohm: The basic unit of electrical resistance; see *impedance*.

1-bit D/A converter: A converter that translates the 16-bit PCM (pulse-code modulation) signal from a CD into an analog waveform using a 1-bit PDM (pulse-density modulation) or PWM (pulse-width modulation) technique. See *PCM*, *PDM*, and *PWM*.

optical (fiber-optic) output/input: A special type of jack that accepts fiber-optic cable.

output level: A measure of how strong the output signal of a component is, usually in relation to the strength of the input signal.

oversampling: A digital filtering technique used in all CD components. Extra data points (numerical representations of the amplitude of an audio waveform at a given point in time) are mathematically interpolated between those read from the disc, creating a signal at some multiple of the standard 44.1 kHz sampling frequency of the CD format (usually two, four, or eight times). The process raises the frequency of any spurious signals created by the format's digital signal manipulations well above the audio range. The spurious signals are then removed from the equation by an analog filter.

PASC (Precision Adaptive Subband Coding):

The low-bit-rate digital coding process used in the DCC format; the system separates the audio signal into thirty-two bands with fixed center frequencies and encodes each band with a number of bits that varies according to frequency content and the degree of masking taking place within each band.

pass-band: The frequency segment, or band, that is established by a band-pass filter; see *crossover*.

passive crossover: A network of capacitors and/or inductors that divides the audio signal into frequency bands (low, mid, and/or high) after it is amplified; see *active crossover*.

passive radiator: An unpowered speaker assembly that is placed in the port of a vented-enclosure system to extend the bass response; the movement of the powered assemblies moves the passive radiator.

PCM (pulse-code modulation): A system of recording that encodes an audio signal in a series of electrical or magnetic pulses representing binary numbers (ones and zeros). CD components, DAT decks, and digital signal processors all use PCM encoding.

PDM (pulse-density modulation): A signal-generation method, used in some 1-bit D/A converters. Signal information is represented by a series of pulses that have an identical amplitude and duration but are either positive or negative; the process requires the filtering of ultrasonic energy before an analog waveform can be recovered.

peak indicator: Usually a flashing LED on a tape recorder that indicates when transient signal levels have exceeded the recorder's ability to handle them without distortion; a supplement to recording-level meters.

peak-reading meter: A recording-level meter that rises rapidly and declines at a moderate speed so the user can judge the levels of transient peak waveform.

phase: A term used to describe the time-domain characteristics of a speaker or component.

phono: Abbreviation for "phonograph"; refers to the low-level signals produced by a phono cartridge and to the phono input where a turntable is connected to a preamplifier, integrated amplifier, or receiver. Phono inputs use RCA connectors, sometimes called phono plugs.

piezoelectric speaker: A speaker (usually tweeter) that employs a ceramic element that expands or bends when fed a signal voltage, generating sound.

pink noise: A type of random noise that has a constant amount of energy in each octave; used as a test signal.

PLL (phase-locked loop): A type of tuner circuit that locks the received frequency to a synthesized reference frequency, which is usually generated by a quartz crystal.

polarity: An electrical convention that describes audio connections as positive and negative. To produce sound that is an accurate representa-

tion of the input signal, each speaker in a stereo pair must be properly wired to the power amplifier: the positive speaker lead to the positive terminal and the negative speaker lead to the negative terminal; see *reverse polarity*.

port: An opening in a bass-reflex speaker system that allows the sound wave from the back of a driver to reinforce the sound wave from the front, also called a vent.

power amplifier: A component, or part of a component, that strengthens the audio signal from a preamplifier so that it can drive speakers.

preamplifier: A component, or part of a component, that switches and processes audio signals from source components. Typically, preamplifiers amplify only the low-level phono signals from turntables (more precisely, from phono cartridges), raising them to the same level as signals from other source components (called "line-level") and applying the necessary RIAA equalization.

preset: A memory position on a component that is either preprogrammed or can be programmed by the user. Tuner presets enable radio stations to be stored for instant recall, for example.

programming: The process of entering instructions for a component to carry out at a later time. For instance, many compact disc players can be programmed to play selected tracks in any order.

PWM (pulse-width modulation): A signal-generation method, used in some 1-bit D/A converters, in which all of the signal pulses are of the same amplitude but of varying durations, or widths; the process requires the filtering of ultrasonic energy before an analog waveform can be recovered.

Q: In an equalizer, Q is a number that specifies the width of the frequency band relative to its level; the higher the number the narrower the band, or range of affected frequencies. In speakers, the impedance of a speaker peaks at its point of free-air resonance; here, Q is a ratio that describes the shape of the impedance curve around the point of resonance.

quantization: In a digital audio signal, the number of possible values available to represent various levels of amplitude. In the CD format, the resolution of the quantization is 16 bits, which means that each sample can have any value between zero and 65,535. Higher figures are better because they allow for more accuracy. See *sampling frequency*.

quartz-synthesis: See *PLL*.

random access: The ability to go directly to the beginning of a song, track, program, or radio frequency without having to scan the intervening material; the process is usually initiated using numbered buttons on a component's front panel or remote control.

RCA connector: The most common kind of connector, using a small, one-pin plug. RCA cables usually come in pairs, with the right channel marked in red, the left in black, gray, or white.

receiver: An audio component that performs three basic functions: receiving radio broadcasts,

switching and processing audio signals, and amplifying the selected signal so it can drive speakers.

recording-level meter: An indicator on a tape recorder that displays the signal levels being recorded from moment to moment; recording-level meters are used to set proper recording levels for optimum sound quality.

reverberation: A dense pattern of echoes that results when music is played in an enclosed space. The more reflective the walls and surfaces of the listening space, the greater the reverb and, hence, the feeling of "spacious-ness."

reverse polarity: An electrical condition in which the positive and negative wires running to one speaker in a stereo pair are reversed; this causes the sound wave emanating from the speakers to be out of sync with one another, which weakens bass performance.

RF (radio frequency): The high-frequency electromagnetic signals used to broadcast radio programs.

RFI (radio-frequency interference): Noise created by interference from strong, nearby radio broadcasts.

RIAA: The Recording Industry Association of America, which has set standards for the equalization used on phonograph records. To minimize noise and prevent overcutting, every record has reduced bass and boosted treble, and these characteristics must be compensated for during playback by the phono preamplifier.

ribbon speaker: A form of speaker driver using a light ribbon suspended in a magnetic field that generates sound when current is passed through it.

rms (root mean square): A common method of averaging power measurement.

rolloff: A gradual reduction in the level of a signal above or below a certain frequency.

sampling frequency (or rate): In digital audio, the number of times a signal is sampled each second. The standard sampling rate for the CD format is 44.1 kHz, which means each second of sound is encoded by 44,100 16-bit numbers for each channel. The sampling rate must be at least twice the highest frequency to be recorded.

SAP (separate audio program): A separate mono channel that is broadcast along with the two stereo channels in the MTS system for stereo TV. The SAP channel can be used for various purposes, such as providing an alternative soundtrack in a language different from that used on the primary channels.

saturation: A condition that occurs when an audio tape becomes fully magnetized and an increase in signal input level does not produce a corresponding increase in recorded level. Saturation also can occur in the magnetic structure of the tape heads.

scan: A tuner feature used to audition radio stations. On CD players, scan buttons can be used to move through a track.

search: On CD components, search buttons

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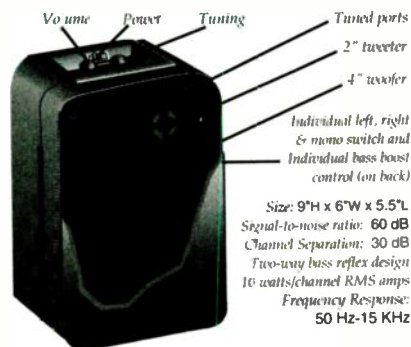
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(identified by arrow symbols) are used to move quickly from track to track. On some tape decks, fast forward and rewind buttons can be used to automatically fast forward or rewind to the next or previous track; also known as "music" or "program" search.

sensitivity: A speaker measurement that tells how much sound in (dB) is produced at a specified distance (usually 1 meter) from the speaker when it is fed a specified input signal (usually 2.83 volts, or 1 watt, into 8 ohms); higher numbers are better.

servo: Short for servomechanism, a control system that uses an output signal as feedback, comparing it to a reference signal; the difference between the two is used to correct the output.

signal: An electrical current that is modulated (changed) to represent audio information.

signal processor: A component that in some way manipulates line-level audio signals; crossovers and equalizers are the most common varieties.

slope: The rate at which a crossover attenuates out-of-band frequencies. Expressed in "dB per octave," typical slopes are 6, 12, 18, and 24 dB per octave, which are also referred to as first-through fourth-order filters, respectively; the higher the number, the faster attenuation occurs.

S/N (signal-to-noise ratio): Measured in decibels (dB), the difference in level between a signal

see *line-level*.

specification (spec): A manufacturer's numerical measurement of a component's performance.

SPL (sound-pressure level): Expressed in dB, a measurement of acoustic energy, usually encountered in the sensitivity rating of a speaker; see *dB*.

standing wave: Peaks and dips in frequency response that are caused by the interaction of sound waves in an enclosed space.

stereo: The use of at least two channels—left and right; see *imaging*.

stylus: The needle-shaped material, usually diamond, at the end of a cantilever of a phono cartridge; its vibration as it traces the record grooves is translated by the cartridge into an electrical audio signal.

subsonic filter: See *infrasonic filter*.

subwoofer: A separate speaker designed to reproduce only low bass frequencies. Powered subwoofer systems contain an amplifier and crossover.

supertweeter: A tweeter used to reproduce only extremely high frequencies; usually found in four- or five-way speaker systems.

surround sound: See *Dolby Surround*, *Dolby Pro Logic*, and *THX*.



(usually a standard level) and the residual noise of the component through which it is passed; higher figures are better.

solid state: Electronic circuits whose active elements are transistors and integrated circuits (ICs).

sound field: A listening environment; see *ambience*.

sound stage: The reproduction of a sound field by a stereo system.

source: The signal that is played through a stereo system. Turntables, tape decks, and CD players are source components.

speaker (or loudspeaker): A component—typically conical in shape—that accepts audio signals from a receiver or amplifier and converts them into sound waves; also called a driver. The term is also used to describe enclosures with multiple drivers (speaker systems).

speaker level: Refers to amplified audio signals;

tape monitor: A switch on a tape recorder or preamplifier that allows the user to listen to a tape as it is being recorded to insure proper recording levels; on a preamp it may also support external signal processors.

THD (total harmonic distortion): The percentage of an audio output signal that consists of spurious harmonics, or multiples of the fundamental frequencies. These harmonics are introduced by an amplifier or other component through which the signal passes; lower figures are better.

THX: A certification for theater systems and home audio components that adhere to sound-system standards and specifications developed by Lucasfilm. THX-certified systems are designed to reproduce Dolby Surround movie soundtracks with very high accuracy. Home THX systems include a control component with Dolby Pro Logic surround decoding plus additional equalization and signal processing, three front speakers (left, center, right), two rear surround speakers, and, usually, a subwoofer.

tracking: The ability of a CD player or phono car-

tridge to follow the pattern recorded on a CD or record.

transient: A sharp peak in the audio signal caused by the attack of musical instruments, especially percussion instruments.

transistor: The basic amplifying element used in most audio components; see *solid state*.

transport: The parts of a tape deck that move the tape, including the motor(s), hubs, capstan(s), and other mechanisms. In a CD player or turntable, the transport system rotates the CD or record.

treble: The upper part of the audio spectrum; see *bass* and *midrange*.

tuner: A component, or part of a component, that receives radio signals from an antenna, allows the user to select a station, and demodulates an audio signal from the broadcast RF signal.

tweeter: A speaker designed to reproduce high frequencies.

two-way, three-way: Refers to the number of frequency bands a speaker system's output is divided into. A two-way system has a woofer and a tweeter; a three-way system adds a midrange speaker to that configuration.

usable sensitivity: A tuner spec that indicates the minimum level of an incoming mono signal that's required to produce a satisfactory output signal, one with no more than 3 percent combined noise and distortion; lower figures are better.

vent: See *port*.

videodisc: See *laserdisc*.

volt: The measurement unit of voltage.

voltage: The amount of energy required to move electrical current from one point to another; measured in volts.

waveform: A graphical representation of an audio signal: The curve that results when the instantaneous voltage (vertical axis) is plotted across time (horizontal axis); the positive-going portion of a waveform moves upward and the negative-going portion downward.

W/ch (watts per channel): A specification that indicates how much power a stereo amplifier or receiver will deliver to each of a pair of speakers.

W&F (wow-and-flutter): A specification indicating the speed and accuracy of mechanical components such as turntables and tape decks; lower figures are better.

woofer: A speaker designed to reproduce low frequencies.

wow: A measurement of slow speed variations; see *W&F*.

zero-cross distortion: A low-level glitch that occurs in some CD components when the analog output produced by its D/A converter(s) crosses the zero axis between positive and negative voltage.

zone: In multiroom systems, a listening area. ■

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