

Radio Shack[®] AMERICA'S TECHNOLOGY STORESM

CREATING NEW
STANDARDS

For over 70 years Radio Shack has specialized in leading-edge electronics. More people rely on us for the latest technology in business, entertainment, communications, education and recreation than any other retailer in the USA. Only Radio Shack offers sales, support and service at over 7000 locations . . . Nobody Compares.



1991 CATALOG

No. 459 Index Page 92

CREATING NEW STANDARDS

Radio Shack is the largest retailer and manufacturer of consumer electronics in the United States, bringing the products of technology to homes, offices and schools. We're America's Technology StoreSM, continually creating new standards of excellence in quality, service and customer satisfaction. These standards are the very foundation of our business and the proof that for the best value in consumer electronics, nobody compares to Radio Shack.

PROVEN LEADERSHIP—Over 7000 USA locations, 39,000 employees, seven R&D centers, 31 USA and overseas manufacturing plants—**NOBODY COMPARES**

RELIABLE QUALITY—Over 1500 engineers and technicians develop, evaluate and test to our exacting standards—**NOBODY COMPARES**

ELECTRONICS SPECIALIZATION—From our latest, highest technology computer to our newest long-life battery, we are and have been America's electronics specialist since 1921—**NOBODY COMPARES**

EXPERIENCED SALES TEAM—Knowledgeable and friendly to help you make the smartest buying decisions—**NOBODY COMPARES**

PROMPT SERVICE More than 7000 drop-off points nationwide insure dependable service to your satisfaction. Over 1,000,000 parts stocked. We service what we sell—**NOBODY COMPARES**

PRODUCT EXCLUSIVITY Over 15,000 electronic products preselected for ease of use, reliability and value—**NOBODY COMPARES**

GUARANTEED SATISFACTION—More than 35,000,000 customers annually benefit from our Satisfaction Guarantee. Putting you first has made us #1 in consumer electronics—**NOBODY COMPARES**

Our continuing tradition of creating new standards is both our 70-year heritage and our guarantee of your satisfaction, today and in the future. We work and grow by these standards—they made us #1 and will keep us #1.

Six of Our More Than 100 Exclusive Brands—Nationally Advertised and Nationally Recognized for Quality, Long-Lasting Reliability and Value

OPTIMUS[®] Engineered, manufactured and tested to bring you a masterful blend of high technology, high reliability and distinctive, elegant appearance. Always choose Optimus brand audio components for premium performance and the tightest quality standards in consumer electronics.

TANDY[®] We design and build Tandy computers to exacting standards to offer you innovative features and remarkable ease of use—an unbeatable combination. And, we back our computers with unparalleled service and support. That's why, for home, school and business, Tandy computers are the best-selling PC compatibles made in America.




DUōFONE[®] DUōFONE telephones and answerers deliver the features you need, with built-in extras for high reliability under demanding use. DUōFONE equipment covers every application, from inexpensive cordless phones for the home to multiline business systems. Clear communications start with DUōFONE, from America's Telephone CompanySM.

REALISTIC[®] Introduced in 1956, our Realistic brand is a USA sales leader in citizens band radio, scanners and accessories, and joins Optimus as a popular choice for home and car stereo equipment, speakers, portable radios and portable cassettes.

ARCHER[®] Archer is No. 1 in USA sales of TV, FM and CB antennas, and is also a favorite choice of electronics buffs, hobbyists and do-it-yourselfers for audio and video signal enhancers, plus electricals, tools, parts and hardware. Archer is the value-priced line offering high dependability—a great price/performance combination.

MICRONTA[®] You'll find the Micronta name on a variety of products designed with your lifestyle in mind. The Micronta line features everything from electronic clocks, watches, timers and thermometers to personal electronics for health care, home, school and office. Micronta electronics are made for life.

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Protect Your Investment in Valuable Equipment With Our Low-Cost Tandy Service Plans

Radio Shack's commitment to service includes affordable Tandy Service Plans that greatly extend the normal product warranty period.

Convenient and easy to start, plans are available for most products sold through Radio Shack stores. See page 93 for more information.

Unsurpassed Service and Support for Home and Business Computing

Radio Shack offers leasing, network planning and system installation, plus training programs to help you. We can answer your inquiries by

phone or online via PC-Link. Each Computer Center has systems engineers to help. And, we service what we sell.

Our Commitment to Education



Since 1979, our Education Division has supported Tandy/Radio Shack computers in the classroom. Our SchoolMate network solution links PC compatibles throughout a classroom, department or school, and comes with built-in productivity tools for the teacher. We also offer the best curriculum solutions for your school—all from today's leading educational publishers.

EIA, UL and FCC Information

Membership in the **Electronic Industries Association** helps us bring you the finest products available. Our AC-operated products are **Listed by Nationally Recognized Testing Laboratories**, which means they meet electrical safety standards set by Underwriters Laboratories. Tandy computers meet **FCC Requirements** for home or commercial environments. Our telephones, all radio transceivers and applicable video equipment also meet **FCC Requirements**.

Radio Shack ValuePlus Credit



No Annual Fee To Pay Our ValuePlus consumer revolving credit program gives you your own personal line of credit exclusively

at Radio Shack. Budget your purchases with monthly payments or pay your balance in full at any time and avoid finance charges for the current billing cycle. Actual payments may vary depending upon your account balance. Details are available at your nearby Radio Shack store or participating Radio Shack Authorized Dealer.

ValuePlus Monthly Payment Schedule

New Balance	Minimum Payment
\$ 0.01 to 15.00	Balance
15.01 to 400.00	\$15.00
400.01 to 600.00	\$20.00
600.01 to 800.00	\$25.00
800.01 to 1000.00	\$30.00

Minimum payments on balances over \$1000 are 1/33 of the highest New Balance, rounded to the next higher dollar.

Most Locations Also Welcome These Cards



COMMUNICATE FAST WITH TANDYFAX®

TELECOMMUNICATIONS — FAX MACHINES



Cost-Effective Global Communication Is Yours

- Automatic Document Feeder
- Built-In Handset with Memory
- Doubles as a Personal Copier
- 17-Second Transmission Speed Per Average Business Document

NEW! TANDYFAX 1010. Now it's more affordable than ever for you to own a personal facsimile machine. Simply connect the TANDYFAX 1010 to a rotary or tone phone line and you're ready to send and receive letters, contracts, spreadsheets or graphics in just seconds—across town or around the world! Its compact size makes it perfect for any desktop. And with its automatic document feeder, on-hook dialing and copying capability, you can ready documents for transmission—as well as duplicate them—quickly and easily. The TANDYFAX 1010 also features immediate/delay auto-answer or manual modes for complete versatility, a variable-speed modem, security code for polling and a built-in phone with 10-number memory. FCC registered. UL listed AC. (TSP available) **\$699** 43-1205 Low As \$25 Per Month



Send Documents Anywhere for the Price of a Call

TANDYFAX 1000. Includes all the great features of the TANDYFAX 1010, plus turnaround polling so you can send and receive documents on the same call to minimize long-distance charges, halftone setting with 16 shades of grey for faxing photos, a 70-number auto-dial memory and more! The 24-hour timer lets you poll and transmit after hours—when rates are lowest. And the TANDYFAX 1000 maintains a journal of all your transactions so there's never any question about which documents have gone out or come in—and when. Comes with programmable security code. Was \$1099.00 in 1990 catalog. (TSP available) **\$899** 43-1200, Low As \$30 Per Month

TANDYFAX Supplies

- NEW!** Colored FAX Paper. A Radio Shack exclusive! Colored paper is easy on your eyes and yields greater visibility and contrast. And our colors don't interfere with photocopying. Make sure YOUR documents are noticed. Each roll is 8 1/2" x 98' and prints black.
- Canary Yellow Fax Paper. 43-1261 7.29
 - Powder Blue Fax Paper. 43-1262 7.29
 - NEW LOW PRICE!** White Fax Paper. Was \$7.79 in '90 cat. 43-1260 6.29
 - TANDYFAX Cleaning Kit. Contains materials for 20 applications. 43-1250 11.95

APPLY FOR YOUR RADIO SHACK VALUEPLUS® CREDIT CARD TODAY AND INCREASE YOUR BUYING POWER

DESKTOP/PORTABLE PERSONAL COPIER

COPIER



Folding Paper Trays
Recess Into Sides



Carry Handle for
Easy Portability

Introducing the Copier That's Complete and Ready to Use Right Out of the Box—Nothing to Add But Plain Paper!

- Includes Disposable Black Toner Cartridge—No Add-On Costs for "Extras"
- Uses Low-Cost Plain Paper ■ Makes Six Copies Per Minute for Only Pennies Each
- Handles Up to 8 1/2 x 11" Single Sheets, Books and 3-Dimensional Objects
- Makes Full Edge-to-Edge Copies on Business Card to Letter-Size Paper
- Automatic Multiple Sheet Feeding ■ Up to 20 Continuous Copies of an Original
- Space-Saving Design—Just 4 7/8 x 14 7/16 x 15 3/4" ■ Weighs Less Than 25 Pounds

NEW! Tandy® PPC-750 Personal Copier. No complicated contracts, long-term leases or extras to buy! Anywhere an AC outlet is handy, you can produce high-quality copies of letters, contracts, business and tax records, magazine articles and more—for much less than you would spend at commercial copy shops.

Using plain paper, the Tandy PPC-750 makes copies with quality that equals or surpasses that of bigger, more expensive machines. After a fast 30-second warmup, it delivers your first copy in just 16 seconds, and continuous copies at a rate of six per minute. You can stack up to 50 sheets in its paper-feed tray and make up to 20 continuous copies of an original. This copier has a very small footprint to save desktop space, paper trays that fold away when not in use, a detachable power cord and a slim design for upright storage. At less than 25 pounds, it's ideal for business travel.

The PPC-750 is also easy to use and simple to maintain. Has convenient front-panel controls for copy quantity, contrast, clear/stop and start, plus indicators for toner-out, color, copy number and status. Toner replacement is quick and clean with disposable slide-in cartridges—a single cartridge makes up to 2500 copies. And, the user-replaceable master drum lasts up to 20,000 copies. UL listed AC. (TSP available)

599⁹⁵

63-686	Low As \$20 Per Month
Replacement Black Toner Cartridge. 63-688	99.95
Blue Toner Cartridge. Special Order (CMC). 63-689	129.95
Red Toner Cartridge. Special Order (CMC). 63-690	129.95
Replacement Drum. Special Order (CMC). 63-687	199.95

HANDHELD PORTABLE CELLULAR PHONE



Put the Whole World in Your Hand! Now You Can Make and Take Phone Calls Wherever You Go!

- Make Time More Productive and More Profitable
- One-Piece Design Fits Easily In Your Briefcase—1½" Wide, Weighs 28 Oz.
- Talk for Over an Hour on a Single Charge—Batteries Recharge in One Hour
- Includes Rechargeable Battery, Antenna, Carrying Case and Strap

Radio Shack CT-301. A full-featured cellular phone that's completely portable! Stay in touch wherever you go—from your car to job site to pleasure boat. Wherever there's cellular service, you can direct-dial anywhere in the world. Call Europe from a rental car in New York or Dallas from a cable car in San Francisco. The CT-301 frees you from your desk and makes you more productive. You can confirm an appointment during a taxi ride or close a business deal while waiting for a connecting flight. Schedule appointments, prospect for new business and be available for important decisions. The CT-301 is no larger than a cordless telephone and packed with features: 40-number memory, cumulative call-timer, an electronic "lock" to restrict phone use, low-battery warning tone, and indicators for "No Service", "In Use" and "Roam". With 832 channels. 600-milliwatt power output. Requires Charging Stand, plus AC Adapter or Mobile Mounting Kit. Was \$999.00 in 1990 Catalog. (TSP available) 17-1050, Low As \$20 Per Month

**NEW
LOW PRICE!
\$499***

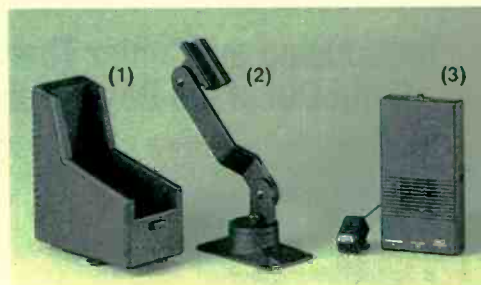
Extra Rechargeable Battery Pack. 17-604, 64.95
AC Adapter. UL listed. 273-1653 20.95



**Close a Business Deal
When Between Flights!**



**Make and Take Calls
Wherever You Are!**

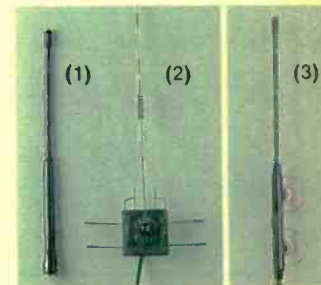


Cellular Accessories and Antennas for CT-300/301

(1) Charging Stand. Recharges battery pack in about an hour. Permits operation while charging batteries. Requires AC Adapter or Mobile Mounting Kit. 17-602 **64⁹⁵**

(2) Mobile Mounting Kit. Allows installation of Charging Stand in your car. Quick-release design. Includes two DC power cords and mounting hardware. 17-603 **24⁹⁵**

(3) Handsfree PC Interface. Full duplex operation lets you talk without lifting the handset. Transfer data by phone using any portable computer with an acoustic modem. Requires Charging Stand. 17-601 CMC **699⁵⁵****



(1) High-Gain Portable. Use with portable cellular phone. Ideal for fringe areas. Gain: 3 dB. 17-307 **29⁹⁵**

(2) Clip-On Glass-Mount. Easy installation and removal on the side window of your car. Gain: 5 dB. 17-308 **69⁹⁵**

NEW! (3) Suction Cup. Attaches quickly to car window. Lift tabs for easy removal. Ideal for handheld phones in rental cars. 17-314 **24⁹⁵**

**Actual
Size**

*Requires new activation and minimum service commitment with Radio Shack cellular phone carrier except where prohibited by state law (\$799.00 without activation). See store manager for details. Prices are subject to change at any time due to changes in federal, state or local law as they affect the cellular telephone industry. **Available on special order.

LOW-COST MOBILE CELLULAR PHONE

Our Most Affordable Car Phone for Safety and Convenience

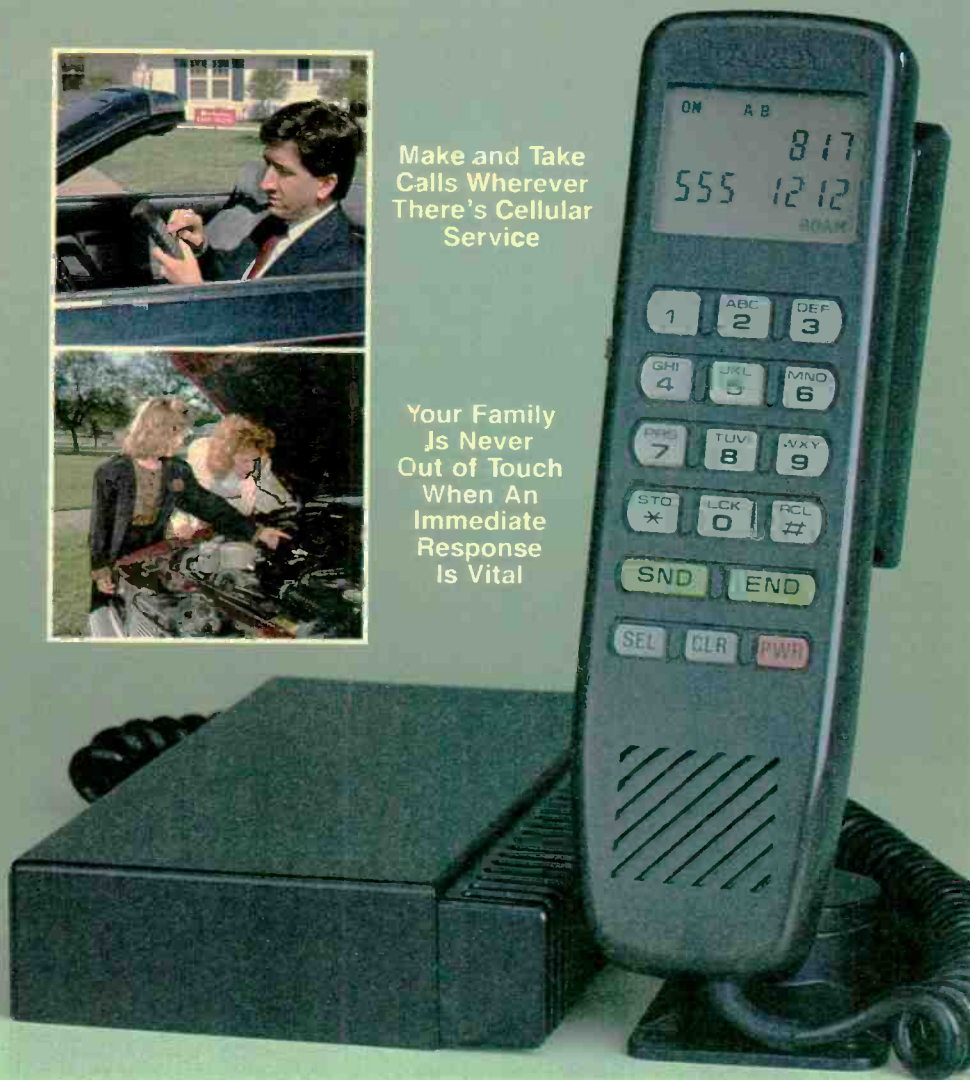
- For Business, Family or Personal Use
- Full-Duplex Handsfree— Make Calls Without Lifting Handset

Tandy® CT-102. A small price to pay for the convenience, safety and security you and your family need while on the road. With the CT-102, no one will have to drive alone again. If help is needed, the police, a tow truck, or medical assistance is just an *in-car* phone call away. The CT-102, a full-featured, full-power cellular mobile phone, is ideal for business, too. You can stay in touch going to and from the office, on a service call or while making a delivery. You'll be able to confirm meetings, appointments and reservations in advance to avoid wasted trips, as well as receive important calls from home, business associates and clients. The CT-102 has 832-channel capacity, a backlit display and keyboard, 30-number memory, a full-duplex handsfree for making or receiving calls without using or lifting the handset and dual NAM for 2-phone number ability. Built-in speaker/monitor permits on-hook dialing. Full 3-watt output for maximum range and crystal-clear reception. Includes mounting hardware and bracket. 12VDC neg. gnd. Requires mobile antenna. Was \$699.00 in 1990 Catalog. **NEW LOW PRICE! \$299*** (TSP available) 17-1076 ... Low As \$15 Per Month

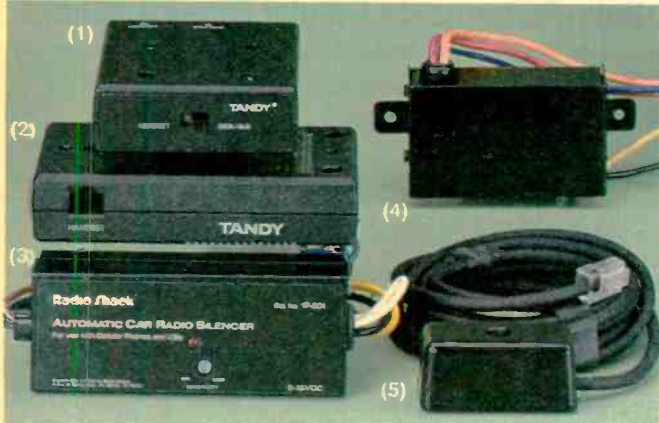


Make and Take Calls Wherever There's Cellular Service

Your Family Is Never Out of Touch When An Immediate Response Is Vital



CT-102/1033 Cellular Telephone Accessories



- (1) **PC/FAX Interface.** This handy interface allows facsimile transmission and reception via your cellular telephone. Also works with a modem for data transfer to and from your portable computer. 17-504 CMC **69⁹⁵****
- (2) **Wiring Harness/Interface.** Lets you mount transceiver in your car's trunk. Interface mounts under dash and includes jacks for telephone handset, handsfree mike and external speaker. 17-705 CMC **39⁹⁵****
- (3) **Radio Mute Switch.** No more fumbling with knobs! Automatically turns off your car radio or tape deck when you answer or place a cellular phone call. Makes calling easier and safer. Easy to install. 17-801 **34⁹⁵**
- (4) **Horn Alert Kit.** No more missed calls when you're at a job site or outside your vehicle! The Horn Alert Kit will sound your car's horn when you have an incoming cellular phone call. 17-704 CMC **39⁹⁵****
- NEW!** (5) **Long Handset Cable.** Ideal for van, RV, limo or bus. It's the perfect way for a passenger to make and take phone calls from the comfort and convenience of his or her own seat. 17-706 CMC **24⁹⁵****

*Requires new activation and minimum service commitment with Radio Shack cellular phone carrier except where prohibited by state law (\$599.00 without activation). See store manager for details. Prices are subject to change at any time due to changes in federal, state or local law as they affect the cellular telephone industry. **Available on special order.

FULL-POWER PORTABLE CELLULAR PHONE



Compact Size Is Packed With Features!

- Gives You the Competitive Edge In Business and Personal Communications
- No Installation Required—Just Plug Into Cigarette Lighter
- Includes Carry Case for “Grab and Go” Convenience

NEW! Tandy CT-1033. You and your family can stay within easy reach while going to and from the office, shopping, running errands, while traveling or enjoying leisure activities away from home. You can get your messages from home or office, and make phone calls from a job site, the golf course, a rental car—you will virtually never be out of touch. The 3-watt output is five times that of many portables for maximum range and clear sound—in or out of your car. The CT-1033 is lightweight for easy carrying, and has a built-in memory so you can store up to 30 numbers for fast 2-digit dialing. The CT-1033 has 832-channel capacity, adjustable handset volume and dual NAM feature for two phone number capability—saves roaming charges when in frequently traveled area. (TSP available)

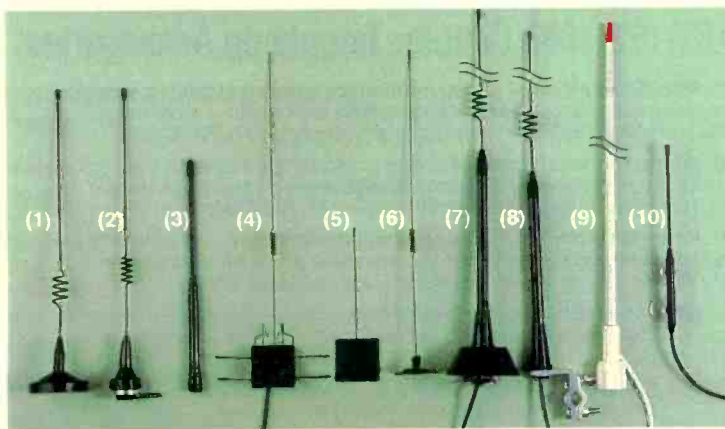
17-1006 Low As \$15 Per Month

\$399*

Extra Battery Pack. Available on special order (CMC).



Includes Battery, Carrying Case, Portable Antenna, DC Adapter/Charger and AC Battery Charger



High-Performance Cellular Phone Antennas

- (1) Magnet-Mount. Mounts on any vehicle's metal roof. Easy to move from car to car. 3 dB gain. 17-302 24.95
- (2) Roof-Mount. Snap-in mounting for car, truck or van. 3 dB gain. 17-306 24.95
- (3) High-Gain Portable. Use with most portable phones. 3 dB gain. 17-307 29.95
- (4) Clip-On Glass-Mount. Easy to install on car's side window—great for rental car use. Ideal for portables. 5 dB gain. 17-308 69.95
- (5) NEW! Glass-Mount. Mounts to window glass—no holes required. Goes through car washes. 3 dB gain. 17-309 39.95
- (6) NEW! High-Gain Glass-Mount. Delivers improved performance in fringe cellular areas. 5 dB gain. 17-310 54.95
- (7) NEW! No-Hole Trunk-Mount. Elevated feed design. Installs easily on trunk lid. 3 dB gain. 17-311 39.95
- (8) NEW! Mirror-Mount. Ideal for truckers. Antenna mounts easily to outside mirror. 3 dB gain. 17-312 39.95
- (9) NEW! Marine Cellular. Corrosion-resistant fiberglass designed for nautical use. 4 dB gain. Use with 19-102 mount. 17-313 59.95
- (10) NEW! Suction Cup. Ideal for car or office use of handheld phones. Attaches temporarily to inside window glass. 17-314 24.95

*Requires new activation and minimum service commitment with Radio Shack cellular phone carrier except where prohibited by state law (\$699.00 without activation). See store manager for details. Prices are subject to change at any time due to changes in federal, state or local law as they affect the cellular telephone industry.

EXCLUSIVE OPTIMUS AUDIO COMPONENTS

OPTIMUS® The New Standard of Excellence in Audio

Optimus Audio Components join our high-performance Optimus brand speakers, nationally famous for superb sound and value for more than 20 years. Every Optimus component combines the very latest in technology, features and beautiful styling.

Each Optimus Component is backed by the tightest quality control program in the consumer electronics industry. For ease of operation, superlative performance and long-lasting value, choose Optimus—the brand that is creating a new standard.



MAIN AMPLIFIER: 100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD
SURROUND AMPLIFIER: 25 WATTS, TOTAL, MINIMUM RMS INTO 8 OHMS AT 1 kHz, WITH NO MORE THAN 0.5% THD

Our Best Receiver! Dolby Surround™, Hall Effect, Remote Control, Video Dubbing

- "Movie Theater" Effects From Surround-Encoded Material
- Surround Level Control
- 30 Station Presets
- Alphanumeric Display
- Full-Function Remote
- Separate Bass, Midrange and Treble Controls

Optimus STAV-3200. Sonic perfection! This receiver has the features needed to control a complete home entertainment system and the power to drive the finest speakers. A full array of inputs lets you connect a CD player, turntable, two cassette decks, two video sources such as laser disc or VCR, even a video monitor. Dolby Surround provides thrilling "theater" effects from thousands of prerecorded movies—just connect your laser disc player or stereo VCR. Hall effect recreates the depth and realism of a concert auditorium from almost any stereo source. Full-function remote lets you tune, adjust or mute volume, select sources and Dolby/Hall effect modes from across the room. Digital synthesized tuner stores up to 30 FM and AM stations for instant selection by remote. From the front panel you can use the

search mode to lock in the next strong station. Or, use preset scan to hear a brief sample of all stored stations. An output meter displays the amount of power each channel delivers. All this plus switchable hi and subsonic filters, video and 2-way audio dubbing, FM muting, two switched and one unswitched AC convenience outlets on the rear panel and separate terminals for surround speakers. UL listed AC. Remote requires 2 "AA" batteries. (TSP available) Was \$549.95 in 1990 Catalog. 31-3020 Low As \$20 Per Month

NEW LOW
PRICE!
499⁹⁵

SPECIFICATIONS. Amplifier Response: 20-20,000 Hz ± 1 dB. S/N: 85 dB phono, 95 dB aux. Capture Ratio: 2.5 dB. FM TUNER. Sensitivity (IHF): 1.7 μ V(9.8 dB μ). S/N: 72 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. Size: 4 $\frac{1}{2}$ x 17 $\frac{1}{4}$ x 13 $\frac{3}{4}$."

Save on a Complete Home Audio Component System From Radio Shack

Select the Components of Your Choice and get an audio system that's perfect for your needs and budget. A minimum system consists of a stereo receiver or amplifier, a pair of speaker systems, and a CD player, turntable, cassette deck or equalizer.

The Discount is 10% Off Radio Shack's regular catalog price of each item. You can include sale-priced audio components, but sale prices cannot be further discounted. This discount applies to our 14, 31, 40 and 42-series audio components only.

OPTIMUS COMPONENTS ARE AVAILABLE EXCLUSIVELY AT RADIO SHACK / DOLBY™ LABORATORIES LICENSING CORP.

THE OPTIMUS® 100-WATT RECEIVERS

AUDIO — RECEIVERS



Digital Tuning, 30 Presets, A/V Dubbing and Surround

- Alphanumeric LCD Display
- IR Remote
- 5-Segment LCD Signal-Strength Meter
- Dual 7-Step LED Output Power Meters
- LED Indicator for Volume Muting

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 85 dB phono, 95 dB aux. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dBf). S/N: 72 dB. Capture Ratio: 2.5 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. **SIZE:** 4 1/2 x 17 1/4 x 13 3/4".

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD

Optimus STAV-3100. A real powerhouse! Select any of 30 preset stations, scan stations in search mode, tune manually or by remote. Controls for dual tape dubbing and monitoring, plus video dubbing. Matrix surround-sound circuit for 4-speaker listening on any program source. Inputs: magnetic turntable, CD/aux, two tape decks, two VCRs. Video monitor output. Remote requires 2 "AA" batteries. Was \$499.95 in 1990 Catalog. (TSP available) 31-3017 **Low As \$20 Per Month**

NEW LOW PRICE!
449⁹⁵



Digital Tuning, 24 Presets, Audio and Video Dubbing

- Stores 16 FM and Eight AM Stations
- Audio Tape Control Center for 2-Way Dubbing and 2-Deck Monitoring
- Two-VCR Video Dubbing Control

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 85 dB phono, 95 dB aux. **FM TUNER.** Sensitivity (IHF): 1.7 μ V (9.8 dBf). S/N: 72 dB. Capture Ratio: 2.5 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.4%. Channel Separation (at 1 kHz): 45 dB. **SIZE:** 4 3/4 x 17 1/4 x 13 3/4".

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.05% THD

Optimus STAV-3000. Perfect partner for your system. Loudness, hi-blend and FM mono/mute controls, subsonic and hi filters. With matrix surround, you can enjoy the surround-sound effect from any program source—just add rear speakers. Dual 7-step output power meters. Rotary bass, midrange and treble controls. Inputs: CD/aux, magnetic phono, two VCRs, two tape decks. Video monitor output. Was \$429.95 in 1990 Catalog. (TSP available) 31-3008 **Low As \$20 Per Month**

NEW LOW PRICE!
399⁹⁵



Digital Tuning, 24 Presets, Easy-to-Read LCD Display

- Memory Stores 16 FM and Eight AM Stations for One-Touch Instant Recall
- Feather-Touch Up/Down Tuning Controls
- Dual 5-Step Output Power Meters

AMPLIFIER. Response: 20-20,000 Hz ± 1 dB. S/N: 85 dB phono, 100 dB aux. **FM TUNER.** Sensitivity (IHF): 2.8 μ V (14.2 dBf). S/N: 70 dB. Capture Ratio: 2.5 dB. IF Rejection: 85 dB. Stereo Harmonic Distortion: 0.5%. Channel Separation (at 1 kHz): 43 dB. **SIZE:** 4 1/4 x 16 1/2 x 13 1/2".

100 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 20-20,000 Hz, WITH NO MORE THAN 0.3% THD

Optimus STA-2160. Packed with power and convenience. You can easily tune with feather-touch controls and store stations in memory with one touch. Multifunction LCD digital display. "Surround" control provides 4-speaker sound from any program source. Loudness, FM mono/mute and tape monitor controls, rotary bass and treble controls. Inputs: CD/aux, magnetic phono, video sound source, tape deck. Was \$359.95 in 1990 Catalog. (TSP available) 31-3004 **Low As \$15 Per Month**

NEW LOW PRICE!
339⁹⁵

RECEIVERS ARE UL LISTED AC AND FULLY PROTECTED AGAINST OVERHEATING AND OVERLOAD

BUDGET-PRICED STEREO COMPONENTS

AUDIO — RECEIVERS, TUNERS & AMPLIFIERS

Our Smallest, Lowest Priced AM/FM Stereo Receiver

- CD/Tape Input Jack for Connecting Portable CD Player or Portable Cassette
- Jacks for Turntable and Tape In/Out
- 1/8" Stereo Headphone Jack

NEW! Optimus® STA-20. Delivers excellent sound—ideal for dorm, office or reception area. You can listen to radio and add a turntable, portable CD player or cassette deck. Loudness control boosts treble and bass at low volume. Special EQ circuit provides uniform energy output at all frequencies for rich, full sound even from mini-speakers—perfect power partner for our Minimus®.7 speaker system. (TSP available) 31-1979



5 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.9% THD

AMPLIFIER. Response: 20-20,000 Hz ±1.5 dB. S/N: 70 dB phono, 72 dB tape. **FM TUNER.** Sensitivity (IHF): 7 µV (22.1 dBf). S/N: 60 dB. Channel Separation (at 1 kHz): 35 dB. **SIZE:** 2 3/4 x 10 1/4 x 7 1/4"

129⁹⁵

Low As \$15 Per Month

AM/FM Stereo Receiver With 18 Memory Presets

- Digital Tuner With Search Mode
- Memory Stores 12 FM and 6 AM Stations For One-Touch Instant Recall, Anytime
- Easy-to-Read LCD Digital Display

Realistic® STA-785. Digital-synthesized tuner features search mode to scan up and down the FM and AM bands, stop at each station and lock it on-frequency. Feather-touch control bar makes manual tuning equally simple. Has FM muting to silence noise between stations when tuning, loudness control to enhance bass and treble at low volume, and 5-LED output power meter. Inputs: magnetic phono, tape deck, TV/aux, CD/aux. (TSP available) 31-2069

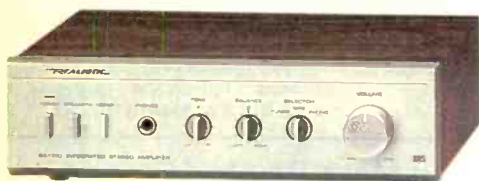


50 WATTS PER CHANNEL, MINIMUM RMS INTO 8 OHMS FROM 40-20,000 Hz, WITH NO MORE THAN 0.5% THD

AMPLIFIER. Response: 40-20,000 Hz ±3 dB. S/N: 56 dB phono, 67 dB aux. **FM TUNER.** Sensitivity (IHF): 2.5 µV (13.2 dBf). S/N: 70 dB. Capture Ratio: 2.5 dB. **IF Rejection:** 66 dB. **Stereo Harmonic Distortion:** 0.4%. **Channel Separation** (at 1 kHz): 38 dB. **SIZE:** 3 3/4 x 17 x 9 3/4"

199⁹⁵

Low As \$15 Per Month



Stereo Mini Amplifier

- Use With Mini Tuner at Right or With Other Stereo Components
- Magnetic/Ceramic Phono Input

Realistic SA-150. Use with stereo tuner, tape deck or record changer. Has stereo/mono button, tone control, 1/4" headphone jack. 2 1/2 x 9 x 6". UL listed AC. (TSP available) 31-1955

59⁹⁵



AM/FM Stereo Mini Tuner

- Phase-Locked Loop Circuitry Ensures Best Possible Reception
- Exclusive Auto-Magic® FM Tuning

Realistic TM-150. Stereo/mono button, FM stereo LED, illuminated dial. Built-in FM and AM antennas, terminals for external FM antenna. 2 1/2 x 9 x 6". UL listed AC. (TSP available) 31-1956

59⁹⁵



Stereo Micro Amplifier

- Space Saver! Ideal Component For Background Music
- Good Sound at a Bargain Price

Realistic SA-10. Features inputs for ceramic phono, tuner or tape deck. Stereo/mono button, left/right volume controls, tone control. 3 1/4 x 8 x 5 1/2". UL listed AC. 31-1982

29⁹⁵

RECEIVERS ARE UL LISTED AC AND FULLY PROTECTED AGAINST OVERHEATING AND OVERLOAD

OPTIMUS® REMOTE-CONTROL CD PLAYERS



Frequency Response: 5-20,000 Hz \pm 0.5 dB. S/N: 105 dB. Dynamic Range: 95 dB. Harmonic Distortion: 0.03% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 4 times. Signal Processing Rate: 176.4 kHz. Size: 4 $\frac{1}{8}$ x 14 x 15 $\frac{1}{8}$ "

Five-Disc Automatic Changer

- Enjoy Hours of Uninterrupted Music
- Carousel Accepts Standard and 3" Discs
- Tri-Spot Laser ■ 4-Times Oversampling

NEW! Optimus CD-6100. Plays discs in sequence, selections at random, or you can program up to 32 selections. You can even repeat tracks in sequence, at random or as programmed. Has auto music search, bidirectional audible search and disc skip. Dual D/A converters. Fluorescent display, $\frac{1}{4}$ " headphone jack with volume control. Remote requires 2 "AA" batteries. (TSP available) 42-5021 . . . Low As \$15 Per Month **249⁹⁵**



Frequency Response: 5-20,000 Hz \pm 0.5 dB. S/N: 98 dB. Dynamic Range: 94 dB. Harmonic Distortion: 0.005% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 2 $\frac{7}{8}$ x 14 $\frac{1}{8}$ x 11 $\frac{3}{8}$ "

Random Play and Music Calendar Display

- Selectable Random Play "Shuffles" Selections for Variety
- Music Calendar Display Shows Your CD Program at a Glance

NEW! Optimus CD-1650. Deluxe features! You can program 20 selections and repeat a track, a disc or your programmed selections. For dubbing your CDs to cassette for personal use, Auto Edit arranges tracks to fit the tape length you select. Intro scan provides a 10-second "preview" of selections. Auto-search and bidirectional audible search help find your favorite selections fast. Tri-Spot laser pickup, 2-times oversampling. Fluorescent display with dimmer. 3" CD compatible. Remote requires 2 "AAA" batteries. (TSP available) 42-5013 . . . Low As \$15 Per Month **239⁹⁵**



Frequency Response: 5-20,000 Hz \pm 0.5 dB. S/N: 102 dB. Dynamic Range: 92 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 3 x 13 $\frac{1}{4}$ x 11"

Programmable 16-Selection Memory

- Stores 16 Selections for Playback in Any Sequence
- Repeat-Play of a Disc or Your Programmed Selections

NEW! Optimus CD-1750. Start enjoying digital audio today with this full-featured player. You get the convenience of remote control, the audio clarity of 2-times oversampling, and the accuracy of our Tri-Spot laser tracking system. Auto-search music system and bidirectional audible search make finding favorite selections easy. An 8-digit LCD display indicates number of tracks and play time of a disc when you load, then shifts to current track and elapsed time during play. 3" CD compatible. Remote requires 2 "AA" batteries. (TSP available) 42-5015 . . . Low As \$15 Per Month **219⁹⁵**



Frequency Response: 5-20,000 Hz \pm 0.5/-1.0 dB. S/N: 98 dB. Dynamic Range: 85 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 2 $\frac{7}{8}$ x 13 $\frac{3}{8}$ x 11"

Budget Price and Most-Wanted Features

- 20-Selection Memory ■ Disc, Track, or Section Repeat
- Auto-Search Music System ■ Bidirectional Audible Search

NEW! Optimus CD-2450. Pure digital sound and simple operation at a value-packed price! Features our Tri-Spot laser system and 2-times oversampling for crystal-clear sound. You can program 20 favorite tracks in memory and repeat-play a single track or the entire disc. With A-B repeat, you can even replay a section of a track—useful for memorizing lyrics or playing along. Auto-search and bidirectional audible search help find your favorite selections fast. Six-digit LED display. 3" CD compatible. Remote requires 2 "AA" batteries. (TSP available) 42-5016 . . . Low as \$15 Per Month **199⁹⁵**

CD PLAYERS ON THIS PAGE ARE UL LISTED AC / PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

ENJOY DIGITAL STEREO ANYWHERE!

AUDIO—PORTABLE CDS & ACCESSORIES



Available Oct. 15, 1990

Portable CD Player With AM/FM Stereo Tuner

- Plays Through Your Stereo Headphones or Home Stereo With Included Cable
- Tri-Spot Laser ■ 2x Oversampling

NEW! Realistic CD-3500. Enjoy CDs, FM stereo and AM stations on the go or at home. Convenient auto-search helps find CD selections fast. Rotary tuning and volume controls. LED stereo indicator. LCD track display. 3" CD compatible. With shoulder strap. Requires 6 "AA" batteries or AC or DC adapter, plus headphones. (TSP available)
42-5026 . . Low As \$15 Per Month **189⁹⁵**

Frequency Response: 20-20,000 Hz +0.5/-2.0 dB. S/N: 86 dB. Dynamic Range: 85 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 2³/₄ x 5³/₄ x 8¹/₄".



Portable CD Player With Programmable Memory

- Stores 16 Selections for Playback In Any Sequence You Choose
- One/All-Track Repeat ■ Auto-Search

NEW! Realistic CD-3250. Just add headphones or play through home stereo with included cable. Features Tri-Spot laser pickup and 2-times oversampling for top performance. LCD display. 3" CD compatible. Ni-Cd battery charging circuit. Shoulder strap. Requires 6 "AA" batteries or AC or DC adapter, plus headphones. (TSP available)
42-5017 . . Low As \$15 Per Month **199⁹⁵**

Frequency Response: 20-20,000 Hz +0.5/-2.0 dB. S/N: 94 dB. Dynamic Range: 94 dB. Harmonic Distortion: 0.05% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 1³/₄ x 5¹/₂ x 6⁵/₈".



Available Sept. 30, 1990

Programmable Memory, Random Play & Intro Scan

- Random Play "Shuffles" Tracks
- Intro Scan "Previews" Selections
- With UL Listed AC Adapter/Charger

NEW! Realistic CD-3350. Our best! Has 16-selection memory, one/all-track repeat, auto-search, Tri-Spot pickup and 2-times oversampling for best sound. LCD display. 3" CD compatible. Shoulder strap. Ni-Cd battery charging circuit. With cable for hookup to home stereo. Requires 2 "AA" batteries, and headphones. (TSP available)
42-5027 . . Low As \$15 Per Month **239⁹⁵**

Frequency Response: 20-20,000 Hz +0.5/-1.0 dB. S/N: 90 dB. Dynamic Range: 89 dB. Harmonic Distortion: 0.03% at 1 kHz. Wow and Flutter: Below measurable limits. Sampling Frequency: 44.1 kHz. Oversampling: 2 times. Signal Processing Rate: 88.2 kHz. Size: 1¹/₄ x 5¹/₈ x 6¹/₂".



Amplified Stereo Speakers

Realistic Minimus®-0.4. Share the music from your portable CD player! System has 4" drivers, plus separate bass and treble controls. Plugs into 1/8" headphone jack. Carry strap. Audio power output: 1.5 watts per channel. **PAIR 299⁹⁵**
5 x 4³/₄ x 2¹/₂". Requires 4 "C" batteries or AC or DC adapter. 40-1267



Automotive CD Bracket

Mounts nearly any portable CD player at any angle and holds it securely. Damping action helps prevent skipping and mistracking. Pre-assembled platform, universal swivel mount. With hardware, plus an under-dash mounting bracket. **24⁹⁵**
42-3050



The Sound of the Sixties

NEW! It's a digital blast from the past! Enjoy 18 fabulous hits by Percy Sledge, Sam & Dave, the Turtles, the Grass Roots and others. **51-5014 99⁹⁵**

ENJOY YOUR PORTABLE CD PLAYER ON THE ROAD WITH OUR CAR CASSETTE ADAPTER—SEE PAGE 46

HIGH-SPEED STEREO DUBBING DECKS



Double Auto-Reverse, Dolby™ B-C HX-Pro

NEW! Optimus® SCT-89. Auto-reverse on both decks lets you copy both sides of a tape with one touch of the synchro-start control, at high or normal speed. Or, play both sides of two tapes nonstop. Auto-sets the proper bias for best possible sound. Deck 2 is a recorder/player with Dolby HX Pro, which improves sound by recording more signal. Deck 1 plays metal/CrO₂/normal tapes with Dolby B or C NR. Features 2-motor, IC logic control plus blank scan, LED level meters, record mute button. Has line in/out, mike, headphone jacks. UL listed AC. **299⁹⁵** (TSP available) **14-657 . . . Low As \$15 Per Month**

SPECIFICATIONS

Frequency Response: Overall, -20 db: 25-19,000 Hz (metal/Type IV), 25-18,000 Hz (CrO₂/Hi-Bias/Type II), 25-17,000 Hz (normal/Type I). Wow and Flutter: 0.06% WRMS. S/N: 79 dB Dolby C, 69 dB Dolby E ("A" weighted, metal tape). Distortion: 1.0%. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 5 x 17¹/₈ x 10¹/₁₆".



4-Track, One-Touch Synchro-Start Dubbing

Optimus SCT-85. Copies both tape sides at once, at twice the normal speed—you'll dub cassettes four times faster than usual! Also copies a single side twice as fast, or at normal speed for monitoring dubs. Dolby B-C NR cuts tape hiss and extends dynamic range. Continuous mode auto-plays two tapes in sequence. Features metal/CrO₂/normal tape selector, auto-stop, pause controls, dual record level controls/LEDs, 1/4" mike and headphone jacks. UL listed AC. (TSP available) **14-650 . . . Low As \$15 Per Month 199⁹⁵**

Frequency Response: ±3 dB: 60-14,000 Hz (metal/Type IV), 60-13,000 Hz (CrO₂/Hi-Bias/Type II), 60-12,500 Hz (normal/Type I). Wow and Flutter: 0.15% WRMS. S/N: 70 dB Dolby C; 62 dB Dolby B ("A" weighted, metal tape). Distortion: 1.2%. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4⁵/₁₆ x 16¹/₂ x 8".



Synchro-Start Dubbing and Dolby B-C NR

Optimus SCT-74. Soft-touch controls—a light finger-touch is all it takes! High-speed dubbing works in half the normal time. Play-only deck-1 delivers superb stereo sound. Deck-2 is a recorder/player with optimum recording features. Dolby NR extends dynamic range, cuts hiss. Features metal/CrO₂/normal tape bias selectors, auto-stop, pause controls. Record level controls, power/record LEDs, 3-digit tape counter, 1/4" mike and headphone jacks. UL listed AC. **179⁹⁵** (TSP available) **14-649 . . . Low As \$15 Per Month**

Frequency Response: ±3 dB: 60-14,000 Hz (metal/Type IV), 60-12,500 Hz (CrO₂/Hi-Bias/Type II), 60-10,000 Hz (normal/Type I). Wow and Flutter: 0.12% WRMS. S/N: 70 dB Dolby C; 62 dB Dolby B (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.0% 3rd HD. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4⁵/₁₆ x 16⁹/₁₆ x 8¹/₄".



One-Touch High-Speed Dubbing With Dolby B

Optimus SCT-87. Start your high-speed dubbing with the touch of just one button, and copy personal tapes in half the normal time. Continuous mode auto-plays two tapes in sequence. Dolby B extends dynamic range, cuts hiss. You also get end-of-tape auto-stop, metal/CrO₂/normal bias selectors, pause. Record level controls, power/record/high-speed dub LEDs, 10-step LED recording level meters, 1/4" mike and headphone jacks. UL listed AC. (TSP available) **149⁹⁵** **14-655 . . . Low As \$15 Per Month**

Frequency Response: ±3 dB: 60-14,000 Hz (metal/Type IV), 60-13,000 Hz (CrO₂/Hi-Bias/Type II), 60-12,500 Hz (normal/Type I). Wow and Flutter: 0.12% WRMS. S/N: 64 dB Dolby on (ref. 3.0% distortion, "A" weighted, metal tape). Distortion: 1.5%. Record/Play Head: Permalloy. Erase Head: Ferrite. Size: 4⁵/₁₆ x 16¹/₂ x 7⁷/₈".

RADIO SHACK-#1 IN CASSETTE EQUIPMENT

AUDIO—CASSETTE DECKS & CONTROL CENTERS



Auto-Reverse Deck With Dolby HX Pro

Optimus® SCT-88. Excellent for recording digital audio! Dolby HX Pro greatly improves sound by recording more signal without "tape saturation" distortion. And since HX Pro is not an encoding system, you can enjoy its superior sound on decks without HX Pro. Has quick-reverse for nearly inaudible 0.3-second change of tape sides. Programmable play for continuous auto-reverse, auto-reverse or single side. Full logic controls, cue/review audible search, auto tape bias selector and fine-tuning control. Headphone and mike jacks. **199⁹⁵** (TSP available) **14-656 . . . Low As \$15 Per Month**

SPECIFICATIONS

Frequency Response: ±3 dB: 20-18,000 Hz (metal), 20-17,000 Hz (CrO₂/Hi-Bias, Type II), 20-16,000 Hz (normal/Type I). **Wow and Flutter:** 0.065% WRMS. **S/N:** 78 dB Dolby C, 85 dB Dolby B ("A" weighted metal tape). **Distortion:** 1.0%. **Record/Play Head:** Permalloy. **Erase Head:** Double gap ferrite. **Size:** 5 x 17 x 9 1/4".



Auto-Reverse Play-Only Deck

(1) Realistic® SCP-32. A deluxe stereo cassette deck for tight spaces! Auto-reverse plays both sides of tape without interruption—just right for background music, music on-hold, or just for relaxation. Dolby B noise reduction cuts tape hiss and extends dynamic range. Features metal-CrO₂/normal bias selector for best possible sound, pause control. 4 5/8 x 8 1/4 x 5 3/4". UL listed AC. (TSP available) **99⁹⁵** **14-600, Low As \$15 Per Month**

Low-Cost Playback Deck

(2) Realistic SCP-31. Inexpensive way to add cassette capability to your existing stereo system, or use in your office, bedroom or dorm room—anywhere space is tight. Auto-stop protects cassettes and the player's mechanism. Metal CrO₂/normal bias selector for best possible sound and pause control. Installation is quick and easy with included patch cord. 4 3/4 x 8 1/4 x 5 3/4". UL listed AC. **49⁹⁵** (TSP available) **14-647**

Recorder/Player On a Budget

NEW! **(3) Realistic SCT-86.** Low-cost way to add a full-feature compact cassette deck to any system. Dolby NR cuts tape hiss, extends dynamic range. Full auto-stop protects mechanism and cassettes. Metal/CrO₂/normal bias selectors, pause control, dual record level controls, LEDs and tape counter. Line-level in/out and left/right mike jacks. 4 5/8 x 9 x 5 1/8". (TSP available) **89⁹⁵** **14-654**



3-Input/Output Control Center

(4) Great for home studios. Monitor, record and dub with up to three separate cassette decks. Connects to tape monitor jacks for easy operation. Puts an end to patch cord swapping. 2 1/4 x 6 1/4 x 4 3/4". **25⁹⁵** **42-2115**

Audio Source Control Center

(5) Expand amplifier/receiver's single auxiliary input to play three stereo sources. 2 1/4 x 6 1/4 x 3 1/2". **14⁹⁵** **42-2110**



OUR TAPE DECKS INCLUDE CABLES FOR HOOKUP TO ANY SYSTEM WITH STANDARD TAPE-IN OR AUX JACKS / DOLBY™ LABORATORIES LICENSING CORP.

EXPAND YOUR LISTENING ENJOYMENT



Microprocessor-Controlled Turntable

- Linear-Tracking Straight-Line Tonearm Plays Your Records the Way They Were Cut for Superior Sound and Longer Record Life
- Belt Drive for Silent, Dependable Operation
- Fully Automatic ■ Programmable Repeat
- Includes Audio-Technica Dual-Magnet Cartridge

Optimus® LAB-2250. Highest quality from our premium brand. A microprocessor keeps the stylus precisely angled for cleaner sound and longer record life. Tracks at less than 1½ grams. Features automatic start and shutoff, plus pushbutton-controlled record size, speed selection, tonearm positioning and cueing. Repeat-play returns tonearm to the beginning of the side in play and plays the record again. The brushless DC servomotor keeps speed precise to reduce wow. Belt drive absorbs vibration to reduce noise. Has LED repeat-play and record-speed indicators. Power failure protection. With 45-RPM adapter. Rumble: -55 dB. Wow and Flutter: 0.1%. 3¾ x 14¼ x 13¾". (TSP available)
42-2921 Low As \$15 Per Month 149⁹⁵

Automatic Belt-Drive Turntable

- Automatic Record Size Selection
- Belt Drive ■ Auto Arm Return/Shutoff
- Audio-Technica Dual-Magnet Cartridge

Optimus LAB-460. Features front-panel soft-touch controls, plus damped tonearm cueing. Has 33⅓ or 45-RPM selector, built-in anti-skate system and anti-static mat. With 45-RPM adapter. Rumble: -55 dB. Wow and Flutter: 0.1%. 3½ x 13¾ x 13⅝". (TSP available)
42-2920 Low As \$15 Per Month 119⁹⁵



Semi-Automatic With Belt Drive

- Switchable Preamp to Match Any Input
- Audio-Technica Dual-Magnet Cartridge

Realistic® LAB-340. Stereo preamp matches ceramic phono, aux and tape inputs. Straight-line tonearm, auto arm return/shutoff. Pushbutton 33⅓ or 45-RPM selector, built-in anti-skate control, anti-static mat. With 45-RPM adapter. Rumble: -55 dB. Wow and Flutter: 0.15%. 4⅞ x 13¾ x 13¾". (TSP available) **42-2919 99⁹⁵**



Ten-Band Equalizer With Expander

- IMX™ Stereo Expander for "Live-Concert" Sound
- Three-Color, 90-LED Spectrum Display Shows the Sound "Shape" as You Make Adjustments
- Bypass Button for Sound Comparisons

Hear sound from between *and beyond* your speakers! Expander electronically widens the soundstage for a thrilling "live" quality, and twenty narrow-band controls let you boost or cut audio frequency response up to 12 dB. Built-in tape control center. EQ, record and bypass buttons. 2⅝ x 16⅛ x 8½". UL listed AC. (TSP available) **31-2020 Low As \$15 Per Month 139⁹⁵**

IMX is a trademark of Sci-coustics, Inc.



TURNTABLES ARE UL LISTED AC FOR ELECTRICAL SAFETY AND INCLUDE BASE, DUST COVER AND CARTRIDGE

PORTABLE ELECTRONIC MUSIC-MAKERS



Realistic Puts a World of Music at Your Fingertips

NEW! Concertmate®-670. Everything from African to Oriental instruments, rock to reggae rhythms, "cosmic" sound effects and more are at your command with our finest keyboard. Features 100 preset sounds grouped by type in seven banks, 100 rhythm patterns grouped by style in nine banks, and 49 full-size keys for a complete 4-octave range. With Concert Chord, you can play full chords synchronized to a selected rhythm pattern—on a single key. Or, choose the fingered chord mode for greater harmonic flexibility. You can choose 8-note or 4-note polyphonic sound with the Poly/Texture button—8-note for full "two-hand" chords and 4-note for enriched sound quality, or texture. Rhythm fill-in adds "custom" drum fills to your compositions. Main and accompaniment volume controls, adjustable tempo, demc button. 4³/₄" speaker, 1/8" output jack. 3¹/₄ x 34³/₈ x 10¹/₄". Requires 6 "AA" batteries or AC adapter. (TSP available) **149⁹⁵** 42-4012 Low As \$15 Per Month

Concertmate-450. Experiment with 100 sounds, 19 rhythm patterns and 13 preprogrammed accompaniments to create your own distinct style of music. The 100-sound tone bank simulates a wide range of musical instruments and effects, from pipe organ to computer sounds. Four-note polyphonic, with 32 mini keys for a 2¹/₂-octave range. Has adjustable volume and tempo controls, plus a demo button. Dual 3¹/₈" speakers, 1/8" output jack. 2¹/₈ x 23¹/₂ x 6³/₄". Requires 5 "AA" batteries or AC adapter. (TSP available) **59⁹⁵** 42-4011

NEW! Concertmate-360. Even our lowest priced keyboard has most-wanted features—100-sound tone bank, 19 rhythm patterns and 13 preprogrammed accompaniments. Youngsters and adults alike will find the 32 micro keys easy to play, and the 2¹/₂-octave range wide enough for their favorite tunes. Two-note polyphonic for simple harmonies. Has pushbutton controls for volume, tempo and demo. 2¹/₂" speaker. 1⁵/₈ x 14³/₄ x 4¹/₂". Requires 4 "AA" batteries or AC adapter. (TSP available) **39⁹⁵** 42-4013

Discover the world of music! Realistic micro and mini keyboards are just right for small hands, and our full-size model makes it easy to transfer to other standard keyboard instruments. Tone banks simulate many orchestral instruments and exotic sounds. Rhythm and accompaniment patterns teach musical styles and harmony, while providing great-sounding backup. And, our Realistic keyboards are portable—make your music anywhere!

OPTIMUS®—THE BEST SOUND AROUND



Our Finest! Digital-Ready 3-Way Speaker System With 15" Woofer Delivers Bass You Can Actually Feel

- Woofer and Tuned-Port Enclosure Combine for Deep Bass
- 5" Midrange ■ 4" Dual Radial Super Horn Tweeter

Optimus Mach Two®. Detailed response and high power capacity make this awesome speaker the ideal choice for use with digital audio systems. Ferrofluid cools both the midrange and the tweeter to increase power handling capacity. Removable cloth grille. Oiled walnut finish.

40-4032 Low As \$15 Per Month

Response: 25-40,000 Hz. Power Handling Capacity: 160 watts.
Sensitivity: 94 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms.
Size: 30 x 17³/₄ x 13"

EACH
259⁹⁵

Bass-Reflex 3-Way Speaker System With Massive 15" Woofer for Deep, Accurate Bass Response

- Digital-Ready for Advanced Audio Systems
- 5" Midrange Driver ■ 3" Cone Tweeter for Crisp Highs

Optimus-1050. Incredible sound without the high price. Efficient bass-reflex design coupled with a powerful 15" woofer for rich, solid bass. Midrange delivers smooth, natural sound. Cone tweeter for crisp, clean highs. Furniture-grade oiled walnut finish. Removable cloth grille.

40-1131 Low As \$15 Per Month

Response: 55-20,000 Hz. Power Handling Capacity: 100 watts.
Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms.
Size: 29³/₄ x 17³/₄ x 12"

EACH
199⁹⁵

APPLY FOR REVOLVING CREDIT TODAY AND INCREASE YOUR BUYING POWER—SEE PAGE 3

RADIO SHACK—NUMBER 1 IN SPEAKERS



Powerhouse 2-Way Speaker With 15" Woofer

- Long-Throw Woofer for Solid Bass
- Wide Angle Piezo Horn Tweeter

NEW! Optimus-990. Full 100-watt power capacity for handling the wide dynamic range of advanced digital audio systems. Huge 15" woofer pumps out incredible bass. Wide dispersion piezo horn tweeter brings out clear, detailed highs. Oiled walnut veneer enclosure. Removable cloth grille. 40-1125 Low As \$15 Per Month

Response: 55-20,000 Hz. Power Capacity: 100 watts. Sensitivity: 92 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 23¹/₄ x 19¹/₂ x 11¹/₄".

EACH
169⁹⁵

Bass-Reflex 3-Way Speaker With 12" Woofer

- Tuned-Port Design ■ 5" Midrange
- 3" Cone Tweeter for Crisp Highs

Optimus-950. Designed to handle the demands of today's digital audio equipment. High-compliance woofer combined with tuned-port-design enclosure for a deep, solid bass response. Dynamic midrange delivers clear, lifelike mid-frequency tones. Genuine oiled walnut veneer finish. Removable cloth grille. 40-1122 Low As \$15 Per Month

Response: 55-20,000 Hz. Power Capacity: 100 watts. Sensitivity: 90 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 30¹/₄ x 14¹/₄ x 11¹/₄".

EACH
169⁹⁵

Value-Priced 3-Way Speaker With 10" Woofer

- Tuned Port ■ 4" Midrange Driver
- Liquid-Cooled 3" Tweeter

Realistic® Optimus-650. Bass-reflex design and high-compliance woofer team up for excellent low-end frequency response. Extended-range ferrofluid tweeter for crystal-clear highs. Midrange provides smooth mid-frequency coverage. Genuine oiled walnut finish. Removable cloth grille. Spring terminals. 40-1101 Low As \$15 Per Month

Response: 60-20,000 Hz. Power Capacity: 100 watts. Sensitivity: 91 dB (SPL at 1 watt/1 meter). Impedance: 8 ohms. Size: 26³/₄ x 12¹/₄ x 9¹/₂".

EACH
119⁹⁵

5-YEAR LIMITED WARRANTY. Realistic MC series, Nova, Minimus-7/77/26/18/0.3/2.5, Optimus and Mach Two speaker systems are warranted against defects for five years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply bring in your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

POWER RATING INFORMATION. The figures stated with Radio Shack speakers indicate the speaker may be used with equipment delivering up to the stated (RMS) continuous power per channel, driven to clipping 10% of the time, on normal source material.

SPEAKERS RIGHT FOR EVERY BUDGET



Our Top-of-the-Line 2-Way System

- 10" Long-Throw Woofer
- 3" Liquid-Cooled Tweeter

NEW! Nova®-18. This digital-ready bass-reflex speaker is ready to handle high-powered amps. Has 10" woofer for solid bass, 3" ferrofluid-cooled tweeter for crisp highs. Removable cloth grille. Walnut veneer finish. Response: 75-20,000 Hz. Power handling capacity: 100 watts. **EACH 99⁹⁵**
 22⁵/₈ x 12³/₁₆ x 8¹/₈"
 40-4037
 Low As \$15 Per Month

Bass-Reflex 2-Way Speaker System

- 8" Long-Throw Woofer
- 2¹/₂" Tweeter

Realistic® Nova-16. Compact size—ideal for floor or shelf in dorms and apartments. Delivers excellent sound at an affordable price. Tuned-port enclosure and high-compliance woofer combine for smooth, extended bass response. Wide-dispersion tweeter delivers a superior stereo image. Genuine walnut finish. Response: 65-20,000 Hz. Power handling capacity: 60 watts. **EACH 79⁹⁵**
 18¹/₂ x 10¹/₄ x 7¹/₂"
 40-4036



2-Way Acoustic Suspension System

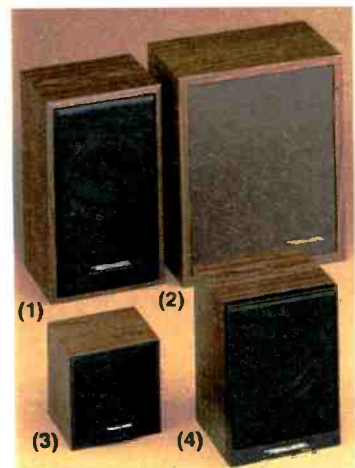
- 8" Long-Throw Woofer
- 2¹/₂" Cone Tweeter

Realistic MC-1800. Excellent as a main speaker or extension. The high-compliance woofer delivers extended bass response. Wide-dispersion tweeter gives you crisp highs and precise stereo imaging. Genuine walnut finish. Removable cloth grille. Handles 50 watts. Response is 70-20,000 Hz. **EACH 59⁹⁵**
 17³/₄ x 10⁷/₈ x 6⁷/₈"
 40-1992

Compact 2-Way Speaker System

- 5" Long-Throw Woofer
- 2¹/₂" Tweeter
- Acoustic Suspension

Realistic Minimus-26. Compact size makes it super-versatile—place it almost anywhere. Sealed-enclosure system delivers bass with "punch." Walnut vinyl finish. Removable cloth grille. Frequency response: 90-20,000 Hz. Power handling capacity: 40 watts. Recessed spring terminals for easy placement on flat surfaces. **EACH 34⁹⁵**
 11 x 6³/₄ x 4³/₈"
 40-226



Minimus® Extension Speakers—A Size and Shape for Every Place

- (1) Realistic Minimus-18. Great sound that's easy on your budget! Features 4" driver for full-range response. Spring terminals. Walnut vinyl veneer. 10 watts capacity. 9⁷/₈ x 5³/₄ x 4³/₄". **Each 24.95**
- (2) Realistic Minimus-3. Big 5" driver gives you solid bass response. Walnut vinyl veneer. 7 watts capacity. 10 x 8¹/₂ x 5¹/₂". **Each 15.95**
- (3) Realistic Minimus-0.3. Cube speaker with 3" full-range driver. Walnut vinyl veneer. 7 watts capacity. Fits into small spaces—only 4 x 4 x 3³/₈". **Each 14.95**
- (4) Realistic Minimus-2.5. Shielded speaker is ideal for use with your TV—will not create interference. 4" driver. Walnut vinyl veneer. 10 watts capacity. 6⁵/₈ x 4⁷/₈ x 4¹/₈". **Each 19.95**



Speaker Stands

Really improve sound and stereo imaging of many speakers by elevating and properly angling them. Sturdy construction with black matte finish. **PAIR 34⁹⁵**
 7¹/₂ x 13¹/₁₆ x 10¹/₈"
 40-1266

Versatile Swivel Stand



Great for positioning speakers, TVs, heavy plants—anything you want to be able to rotate up to 360°. Works on most carpeted floors. Steel bearings. **EACH 9⁹⁵**
 1¹/₈ x 15³/₄ x 11³/₄"
 42-3033

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

BIG SOUND COMES IN LITTLE PACKAGES

Our Popular 2-Way Mini System in Metal or Genuine Walnut Enclosure

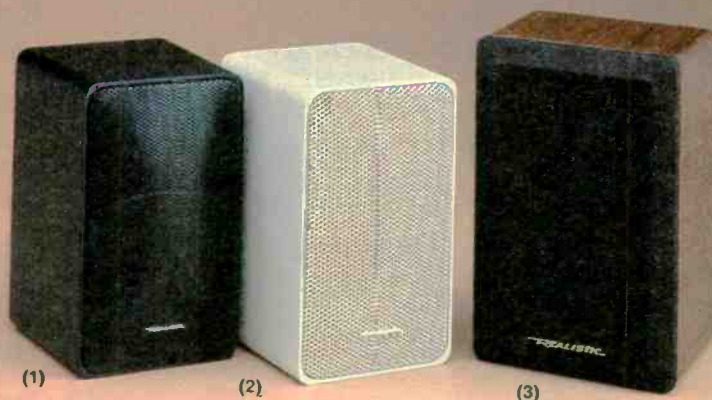
- Long-Excursion 4" Woofer ■ 1" Dome Tweeter

(1) (2) **Realistic Minimus-7.** Don't be fooled by size. Only 7¹/₈" high, yet delivers excellent bass and crisp, dazzling highs. Ideal speaker for bookshelf at home, office or dorm, and the perfect speaker for surround-sound installations. Rigid die-cast metal enclosure. Handles 40 watts. Hanger slot for easy mounting on wall. 7¹/₈" x 4⁷/₈" x 4⁵/₈". **EACH 49.95**

Black, 40-2030. White, 40-2045

Mounting Brackets. For (1), (2). 40-2031, Pair 17.95

(3) **Realistic Minimus-7W.** Same great features as above, except in genuine oiled walnut finish (not vinyl or plastic). Removable cloth grille. 8 x 5 x 4⁵/₈". 40-2039 **Each 59.95**



2-Way System in Die-Cast Aluminum Enclosure

- 5" Woofer and Solid Aluminum Enclosure Combine for Super Bass

Realistic Minimus-77. This incredible 2-way system delivers excellent bass and crisp highs. You'll love this speaker system's outstanding performance! It's a super "universal" speaker for vehicle or bookshelf at home or office. Soft-dome wide-dispersion tweeter provides excellent stereo imaging. Also makes a great monitor speaker for singing groups. With keyhole slot and recessed spring terminals to make wall mounting easy. Response: 50-20,000 Hz. Power handling capacity: 60 watts. 9¹/₄" x 5¹⁵/₁₆" x 4³/₈". White, 40-2055. **EACH 79.95**

Black, 40-2054

Mounting Bracket. 40-2053, Pair 19.95

In-Wall Speaker—Great Stereo With No Floor or Shelf Space Required

- Flush-Mount in Wall Or Ceiling
- Handles 30 Watts



NEW! Attractive 2-way system gives you superb sound without taking up valuable room space. 5¹/₄" woofer, 1" soft-dome tweeter. Response: 60-20,000 Hz. 11¹/₈" x 7⁵/₈" x 2¹/₂". Includes mounting bracket, hardware. **EACH 49.95**

40-1365



Piezo and Dynamic Super-Tweeters

Dynamic Super-Tweeter. Great for digital use. Gives you response up to 40,000 Hz. Built-in crossover. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 50 watts. 3⁷/₈" diameter. **EACH 24.95**

Piezo Super-Tweeter. Parallel hookup, so there's no crossover needed. Response to 27,000 Hz. Sensitivity: 96 dB (SPL at 1 watt/1 meter). Power handling capacity: 75 watts. 3¹/₂" square. **EACH 12.95**



Personal Speaker

Stereo speaker system for personal stereo or CD player. Dual 1¹/₂" speakers. Uses 1/8" headphone jack. 40-155 **9.95**

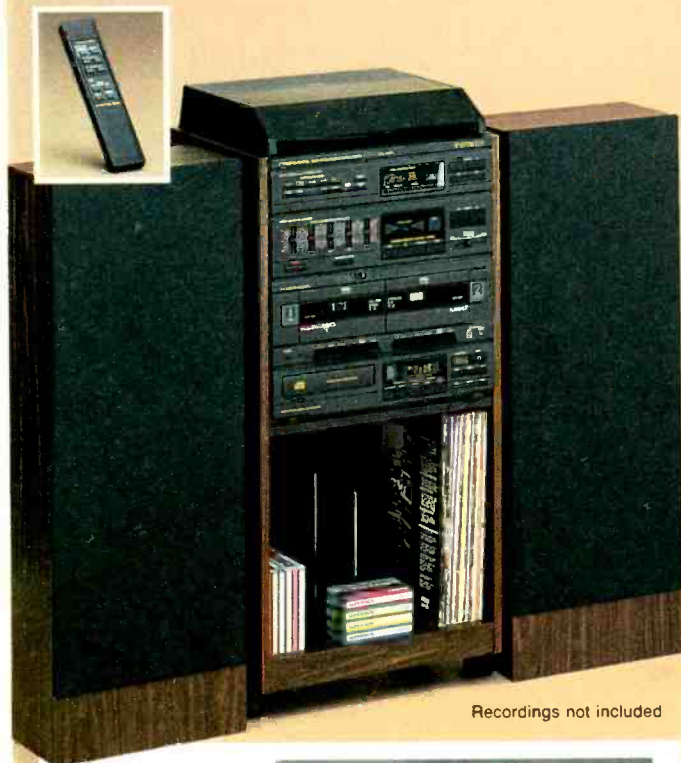


Auto/Home Mini System

Good Sound, Small Size, Low Price

Realistic Minimus-3.5. High-density molded enclosure for extended bass response. 3" driver. Power handling capacity: 15 watts. Has steel grille, spring terminals. 5¹/₄" x 3⁵/₈" x 3¹/₈". **EACH 23.95**

STEREO SYSTEMS WITH CD PLAYERS



Recordings not included

Built-In Compact Disc Player



Remote, High-Speed Dubbing, Digital Tuning, 5-Band EQ, Turntable and Component Rack

- Programmable CD Player With 20-Selection Memory
- Dual Cassette With Synchro-Start & Continuous Play
- Digital-Synthesized Tuner With 20 AM/FM Presets
- Equalizer for "Customizing" Sound ■ 2-Way Speakers

NEW! Realistic® System 320. Feature-packed for maximum entertainment! You can enjoy your favorite CDs, cassettes, records and radio stations, even connect an aux source—and control most major functions with the wireless remote. Tuner has LCD frequency display, auto-search and presets for one-button tuning of your favorite FM or AM stations. CD player delivers pure digital stereo sound and features auto-search, bidirectional audible search, pause, repeat-play and LCD display. Synchro-start high-speed dubbing makes copying personal cassettes easy, and you can record directly from FM stereo, AM, CD player, turntable, aux input or "live" if you add mikes. Auto-stop and 3-digit tape counter. Two-speed belt-drive turntable has automatic arm return, cue, ceramic cartridge and hinged dust cover. Volume up/down pushbuttons, slide-action equalizer and balance controls. 1/4" stereo headphone jack. Each speaker system has a 6 1/2" driver and a 1 3/4" tweeter in a handsome 33 1/8"-high enclosure with walnut vinyl finish. System is housed in a matching 33 x 15 1/2 x 13 1/4" component rack with easy-rolling casters. UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 13-1238 . . . Low As \$20 Per Month **499⁹⁵**

Remote, High-Speed Dubbing, Digital Tuning, 3-Band EQ, Turntable and Compact Design

- Programmable CD Player With 16-Selection Memory
- Dual-Cassette Deck With Continuous-Play Mode
- Digital-Synthesized Tuner With 12 FM/Six AM Presets
- Equalizer for "Customizing" Sound ■ 2-Way Speakers

NEW! Modulaire®-560. Fits almost anywhere, yet gives you a variety of listening choices—including CD—plus a multifunction remote! CD player features auto-search, bidirectional audible search, pause, repeat-play and LCD display. You can copy personal cassettes in half the usual time, auto-play two tapes in sequence and record from FM stereo, AM, CD player, turntable, aux input or "live" with optional mikes. Two-speed belt-drive turntable with cue, hinged dust cover and cartridge. Dual 5-step LED power meters. 1/4" stereo headphone jack. Each speaker has 5" driver and 1 1/8" tweeter in a vinyl-wrap 15 1/8"-high enclosure. UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 13-1242 Low As \$15 Per Month **399⁹⁵**



Built-In Compact Disc Player



HIGH-POWER STEREO RACK SYSTEMS



Shown with optional CD player—recordings not included

120 Watts, Remote, High-Speed Dubbing, Digital Tuning, Equalizer and 15" Woofers

- Dual-Cassette Deck With Continuous Play Mode, Auto-Reverse and Dolby™ B NR
- Built-In 5-Band Equalizer ■ Separate Turntable
- LED Spectrum Analyzer ■ Three-Way Speakers

Realistic System 1210. Our finest—one of the most powerful systems you can buy! With the remote, you can select from 10 stations in memory, tune up/down manually and adjust or mute volume from your chair. LCD frequency display Records direct from FM stereo, AM, turntable, two aux inputs or "live" if you add mikes. Synchro-start for easy dubbing, Dolby B NR on playback for great sound. Two-speed belt-drive turntable has cue lever, auto arm return and magnetic cartridge. Each speaker has 15" woofer, 4" midrange and 3" tweeter in 36"-high enclosure with oak-grained vinyl finish. Matching rack has glass door, casters. UL listed AC. (TSP available) **13-1235 Low As \$25 Per Month 799⁹⁵**

AMPLIFIER. 120 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% THD. **SPEAKER SIZE:** 36 x 16³/₄ x 11¹/₂" **RACK SIZE:** 36 x 18³/₈ x 16¹/₂" **EXTERNAL CONNECTIONS:** FM antenna, two aux inputs, 1/4" stereo headphone jack, two 1/4" mike jacks. Remote requires 2 "AA" batteries. TM Dolby Laboratories Licensing Corp



Shown with optional CD player—recordings not included

100 Watts, Remote, High-Speed Dubbing, Digital Tuning, Equalizer and 12" Woofers

- Wireless Remote Control ■ Three-Way Speakers
- Digital-Synthesized Tuner With 10 Memory Presets
- Dual Cassette With Synchro-Start & Dolby B NR
- Five-Band Equalizer ■ LED Power Output Meter

Realistic System 1010. Enjoy the richness and depth of high-power stereo, plus convenient remote control of most major functions. Dual cassettes copy personal tapes in half the usual time and auto-play two tapes in sequence. You can record direct from FM stereo, AM, turntable, two aux inputs or "live" if you add mikes. Dolby B NR cuts tape hiss on playback. LCD frequency display. Two-speed belt-drive turntable with magnetic cartridge. Each speaker has 12" woofer, 4" midrange and 3" tweeter in a 36"-high enclosure with oak-grained vinyl finish. Matching rack with glass door, hinged cover and casters. UL listed AC. (TSP available) **13-1234 Low As \$25 Per Month 649⁹⁵**

AMPLIFIER. 100 watts per channel, minimum rms into 8 ohms from 40-20,000 Hz, with no more than 0.9% THD. **SPEAKER SIZE:** 36 x 14¹/₄ x 11¹/₂" **RACK SIZE:** 36 x 18³/₈ x 16¹/₂" **EXTERNAL CONNECTIONS:** FM antenna, two aux inputs, 1/4" stereo headphone jack, two 1/4" mike jacks. Remote requires 2 "AA" batteries. TM Dolby Laboratories Licensing Corp.

COMPLETE REALISTIC® STEREO SYSTEMS



Super Value! Dual-Cassette AM/FM Stereo Rack System

- Built-In 2-Speed Semi-Automatic Turntable
- Synchro-Start for Easy Tape Dubbing

NEW! Realistic System 120. Great sound, real versatility. Synchro-start starts play and record/play decks simultaneously for one-touch dubbing of personal tapes. Will play two tapes in sequence automatically. Records from radio, turntable, aux-input while you listen—or add a pair of mikes to capture “live” stereo. Auto-level sets recording volume. Auto-stop protects tapes. Tuner has FM-AFC to cut drift, FM stereo LED, upper AM-band coverage. Slide-action volume, balance, bass, treble controls. Belt-drive turntable has hinged cover, cue lever, auto-return arm. Jacks: 1/8” for headphone, two mikes. External FM antenna terminals. Each speaker: 5” driver in 27 1/4 x 11 x 7 1/4” enclosure. Rack: 27 1/4 x 15 1/2 x 13 1/2”. UL listed AC. (TSP available) **219⁹⁵**
13-1240, Low As \$15 Per Month

Recordings not included



Remote Control, Digital Tuner, Dual-Cassette

- 3-Band Equalizer ■ Turntable ■ 12 FM and Six AM Presets
- High-Speed Tape Dubbing ■ Synchro-Start ■ LCD Display

NEW! Realistic Modulaire®-510. Tabletop stereo, full-size features. Use wireless remote to turn system on/off, adjust volume and select radio presets. This system will copy personal tapes at high speed—synchro-start and auto-level make it easy. Also plays two tapes in sequence. Records from radio, turntable, even “live” if you add mikes. Tuner stores 18 stations, has up/down auto-search. Two-speed, belt-drive turntable has a hinged cover, cue lever and auto-return arm. All this plus backlit LCD tuning display, 10-LED power meter, 1/4” headphone and 1/8” mike jacks, tape counter, soft-eject tape doors, terminals for external FM antenna. Each speaker: 5” driver in 13 x 7 7/8 x 5” enclosure. Table unit: 11 1/2 x 16 1/2 x 13 3/4”. UL listed AC. Remote requires 2 “AAA” batteries. (TSP avail.) 13-1241 **239⁹⁵**
Low As \$15 Per Month



Dual-Cassette AM/FM Stereo Phono Compact

- Dual Decks Copy Personal Tapes, Play Two in Sequence
- Synchro-Start ■ Belt-Drive Turntable ■ Headphone Jack

Clarinette®-124. This budget-priced performer offers good stereo sound with easy operation—and it fits almost anywhere. Synchro-start system simultaneously activates the playback and record/play decks, copies personal tapes with one-touch ease. Continuous mode lets you play two tapes in sequence automatically. This system will record directly from FM stereo, AM or turntable while you listen. The playback and record/play decks have auto-stop to help prevent damage to tapes. Under the hinged dust cover is a quality 2-speed turntable with auto-return arm and replaceable stylus. Front-panel has slide-action volume, tone and balance controls and 1/4” stereo headphone jack. Each speaker has a 5” dynamic driver in a 15 1/4”-high enclosure. Table unit: 5 1/4 x 15 1/4 x 14 7/16”. UL listed AC. (TSP available) 13-1237 **179⁹⁵**
Low As \$15 Per Month

INCREASE YOUR BUYING POWER—APPLY FOR YOUR RADIO SHACK VALUEPLUS CREDIT CARD

TUNE A GUITAR, ENLIGHTEN A PARTY

Quartz-Accurate Guitar Tuner



**Built-In
Mike** **In/Out
Jacks** **Battery
Check**

Tune up perfectly, even in the middle of a session or in noisy surroundings. Just plug in electric guitar or bass and tune while watching zero-center meter. Switchable mike for acoustic guitar or bass. Accurate within 5 Hz. 1 1/4 x 2 1/8 x 5 1/8". Requires 9V battery. 63-670

29⁹⁵



High-Intensity Strobe Light

Add Some Real
Pizzazz to Your
Next Party

A truly fascinating lighting effect! Switch on this wide-angle strobe and vary its flash rate to see people "freeze" and move in slow-motion. Features a polished reflector housed in a handsome walnut-vinyl enclosure. 7 1/2 x 7 1/2 x 4 3/4". UL listed AC. 42-3009

34⁹⁵



Revolving Red Light

Livens Up Any
Get-Together

Casts a brilliant red search beam on walls, furnishings and ceiling. This party light is 7" tall and just like the ones used in many clubs. UL listed AC. 42-3040

31⁹⁵



Multicolor Light Show

Entertaining
Visual Effect

Faceted enclosure casts a kaleidoscope of colors about the room, floor and ceiling. 7" high. For parties or attention-getting displays. UL listed AC. 42-3018

13⁹⁵

Lightning Fury™ Energy Display

- Awesome, Ever-Changing Electro-Visual Effects
- High-Style Housing With Heavy-Duty Glass Dome

NEW! Fascinating... powerful... fun!
The Lightning Fury creates an amazing spectacle of high-energy visual effects within a sealed, gas-filled dome. Place your hands on or nearby to sculpt the fiery power. Has interisity and focus controls. Stands about 11" high. UL listed AC. 42-3038, Low As \$15 Per Month

149⁹⁵

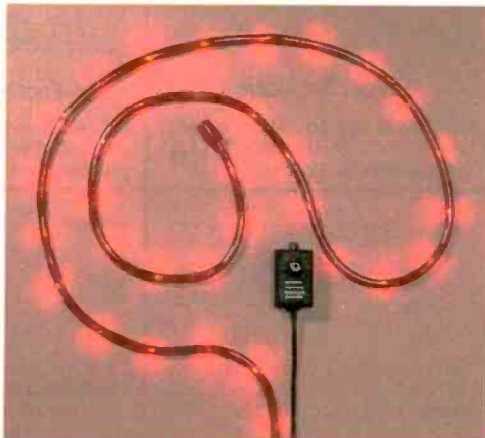


Illuma-Storm® Light Display

- Sensational High-Energy Light Show
- Responds to Music, Voice and Touch
- Variable Intensity and Focus

Filled with a mixture of very rare but safe gases, the glass sphere contains constantly changing patterns of colorful lightning bolts created by a high-energy field. Intensity and focus controls allow an almost infinite variety of patterns. Touch the globe to redirect and control the swirling plasma effects. Or, select audio mode and the built-in microphone causes the effect to respond to sound. You can control the display with your voice or your favorite music. 14" high. UL listed AC.

42-3035 . . . Low As \$15 Per Month **119⁹⁵**



"Chase-Sequence" Lighting System

Ideal for Attention-Getting
Displays or Party Lighting

(1) 12-Ft. Red Rope Light. Contains 44 brilliant bulbs that flash in a dazzling chase routine. Vary the speed with the required Rope Light Controller, below. 42-3037

29⁹⁵

(2) Rope Light Controller. Lets you vary the speed of the "chase." Plug-in hookup. Allows you to use up to five rope lights. (60 feet total). UL listed AC. 42-3036

29⁹⁵

FULL-SIZE REALISTIC® HEADPHONES



Gold Plated Plug!

Our Best Headphones—The Ultimate in Stereo Listening

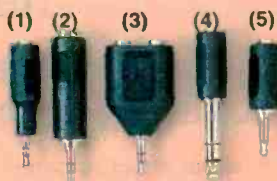
- 40mm Titanium-Evaporated Diaphragms Deliver Ultrawide Audio Response

Realistic PRO-70. Specially engineered for digital audio! Titanium-evaporated technology sets new standards in distinct, extraordinarily smooth high-fidelity sound reproduction. Attenuating volume control is built into the cord for convenient listening level adjustments. Soft-cushioned earcups, padded headband. Frequency response is 15-25,000 Hz. With oxygen-free 8-ft. copper cable and 1/4" gold-plated plug. Step up to the PRO-70 for the best in headphone stereo. 33-1010 **69⁹⁵**



Studio-Quality Stereo for Your Listening Pleasure

- (1) **Realistic PRO-60.** "Acoustic resonance" design for solid bass, clear mid-range, treble. Variable-density cushions. Digital ready. 15-25,000 Hz. 10-ft. coiled cord, 1/4" plug. 33-999 **49⁹⁵**
- (2) **Realistic LV-10.** Electroacoustical design and 2" dynamic elements for clear, clean sound. Foam earcushions. Digital ready. 20-20,000 Hz. 10-ft. coiled cord, 1/4" plug. 33-1004 **39⁹⁵**
- NEW!** (3) **Realistic Nova-66.** In-line volume/balance control. Digital ready with mylar drivers. Has foam earcups, adjustable headband. 20-20,000 Hz. 10-ft. coiled cord, 1/4" plug. 33-1025 Available Sept. 30, 1990 **34⁹⁵**
- (4) **Realistic Nova-55.** These lightweight phones have low-mass drivers that deliver excellent transient response. 20-20,000 Hz. With 10-ft. coiled cord, 1/4" plug. 33-2004 **29⁹⁵**
- (5) **Realistic Nova-40.** Full-range 3 1/2" drivers. Cushioned earcups, adjustable headband. 30-18,000 Hz. 10-ft. coiled cord, 1/4" plug. 33-993 **24⁹⁵**
- (6) **Realistic Nova-16.** Glide-Path® volume/balance controls. Soft earpads, adjustable headband. 50-15,000 Hz. 6 1/2-ft. cord, 1/4" plug. 33-1019 **19⁹⁵**
- (7) **Realistic Nova-10.** Low price, yet 2" drivers sound great! 50-15,000 Hz. 6 1/2-ft. cord, 1/4" plug. 33-1012 **15⁹⁵**



Plug Adapters For Headphones

- (1) 1/8" to 3/32". 274-373. **2.99**
 (2) 1/4" to 1/8". 274-366. **1.79**
 (3) 1/8" Mini Headphone Y-Adapter. 274-313. **3.29**
 (4) 1/8" to 1/4". 274-367. **1.79**
 (5) Mono-to-Stereo 1/8" Jack. 274-368. **1.19**



20-Foot 1/4" Cable

Noncoiled stereo audio extension cable with stereo 1/4" plug and jack. 42-2442 **5⁷⁹**



24-Foot 1/4" Coiled Cable

Coiled, non-tangling stereo audio cable with stereo 1/4" plug and jack. 42-2443 **8³⁹**



20-Foot 1/8" Cable

Lightweight, highly flexible cord with 1/8" stereo mini plug and stereo jack. 42-2462 **6³⁹**



1/8" - 1/4" Cable Adapter

Straight 20-ft. cable connects 1/8" stereo mini jack to 1/4" stereo plug. 42-2460 **5⁹⁹**



1/4" Y-Adapter

3-ft. cable connects two stereo headphones to a single 1/4" stereo jack. 42-2448 **5³⁹**



1/8" Y-Adapter

Use two headsets with one portable. Has stereo 1/8" plug and two jacks. 42-2463 **4⁹⁹**

LIGHTWEIGHT STEREO HEADPHONES



The Best in Lightweight Realistic® Headphones

(1) **Realistic Nova®-45.** Efficient rare-earth magnets deliver deep, solid bass. Ideal for portable CD players. Weigh just 3.3 ounces. 20-20,000 Hz. Light, flexible 6 1/2-ft. cord, 1/8" plug. With 1/8" to 1/4" adapter. **33-1021** **24⁹⁵**

(2) **Realistic Nova-53.** "Fold and carry" design—take anywhere! High-compliance diaphragms deliver superb sound. Response, 50-20,000 Hz. With 5-ft. cord and 1/8" plug. **33-981** **19⁹⁵**

(3) **Realistic Nova-37.** Rest securely inside ear—perfect for active people. "Fold and carry" design. Weigh only two ounces. 50-20,000 Hz. Has 45" cord, 1/8" plug. **33-2003** **15⁹⁵**

(4) **Realistic Nova-33.** Full-range sound from a 1 1/4-ounce headset. Ideal replacement for personal stereos. Foam earpads, adjustable band. 50-20,000 Hz. 4-ft. cord, 1/8" plug. **33-976** **11⁹⁵**

(5) **Realistic Nova-36.** Convenient "fold and carry" design fits easily in purse or pocket. Weigh only two ounces. Foam earpads. 40-20,000 Hz. With 4-ft. cord, 1/8" plug. **33-2002** **8⁹⁵**

Realistic Nova-34. Deliver great sound at a low price! Adjustable metal headband for comfort. Weigh only two ounces. Have soft-foam earpads. With 4-ft. cord, 1/8" plug. **33-1000** **5⁹⁵**
Extra Earpads. **33-375** **99c**



Gold Plated Plug

Our Finest Personal Stereo Headphones

- Titanium-Layered Diaphragms Deliver Spectacular "Detail"
- Lightweight and Super-Comfortable

NEW! Realistic® PRO-25. First choice for portable CD players! Its dual-layer, oxygen-free coil windings and neodymium magnets virtually eliminate distortion. In-line volume control, comfortable cushioned cups. 15-25,000 Hz. With 6-ft. cord, 1/8" plug. **33-1022** **39⁹⁵**

Available Sept. 30, 1990



Gold-Plated Plug!

Digital-Ready In-Ear Stereo Phones

- With Carry Case

Comfortable! Diaphragms are six-microns "thin" for excellent sound. Volume control on cord. 16-22,000 Hz. 40" cord, 1/8" plug. **33-991** **29⁹⁵**



Low-Cost Ultralight Stereo "Earbuds"

- Vinyl Carry Pouch

Rest in ears. Weighs just 0.6 ounce! 50-20,000 Hz. With 4-ft. cord, 1/8" plug. **33-977** **15⁹⁵**
Extra Earpads. **33-376** ... **99c**



Monaural Earphones

3/32" Plug. Clip secures to ear. 3 1/4-ft. cord. **33-174** **17⁹⁵**
1/8" Plug. With ear clip and 3 1/4-ft. cord. **33-175** **17⁹⁵**



Deluxe Mono Earphones

10-Ft. Cord. For TVs, radios. 1/8" plug. **33-177** **3⁹⁹**
25-Ft. Cord. Greater reach! 1/8" plug. **33-178** **5⁹⁹**



Pillow Speaker

Small price for privacy! Enjoy TV or radio without disturbing others. 1/8" plug. **33-206** **3⁵⁹**



Wireless Headset and Infrared Transmitter

Sends monaural signal to headphone from any radio or TV with headphone jack. 20-ft. range. 30-18,000 Hz response. With UL listed AC adapter for transmitter. Headset requires 9V battery. **32-2050** **59⁹⁵**



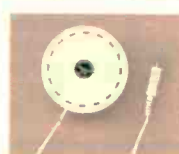
20-Foot Earphone Cord

Extension cord has 1/8" jack and plug. For any 1/8" mono plug on this page. **33-176** **2⁶⁹**



Replacement Earpad Set

Foam covers fit most lightweight headsets. 2 SET OF FOUR **33-374** **2⁷⁹**



Deluxe Pillow Speaker

Slips under pillow for private listening. Volume control and 1/8" plug. **33-207** **4⁹⁹**

CHRONOMATIC® MUSICAL WAKER-UPPERS

All Clock Radios Include Battery Backup* and Our Battery Sentinel® LED



Built-In Pushbutton Phone

- Cuts Nightstand/Table Clutter

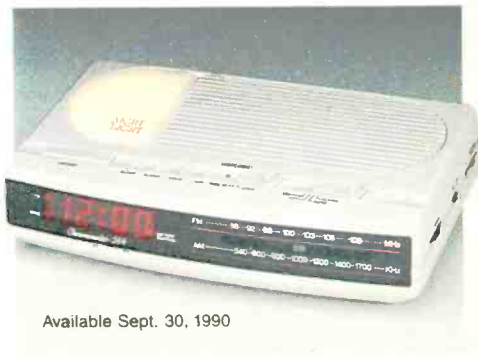
Chronofone®-255. Phone has touch-redial, tone/pulse dialing†, and can be set to automatically mute radio when in use. Clock wakes you to radio or buzzer. Has 0.6" LED time display with hi/lo dimmer, a snooze bar and 1-hour/59-minute sleep button. 3" speaker, 1/8" earphone jack. 3 1/2 x 8 x 8", with phone on cradle. UL listed AC. (TSP available) **12-1562** **4995**



Ultramodern Wedge Shape

- Complements Today's Hi-Tech Look

Chronomatic-263. Features sleek, compact design and a large 0.9" LED display with hi/lo dimmer. Wakes you to radio or alarm. Has up-front controls for time and alarm setting, easy-to-reach top-mounted snooze bar and 1-hour/59-minute sleep button for drifting off to music. 2 1/2" speaker. 4 1/2 x 8 1/4 x 4". UL listed AC. (TSP available) **12-1573** **2795**



Available Sept. 30, 1990

Built-In Night-Light

- Easy to See, Even Across a Room

NEW! **Chronomatic-264.** A full-featured clock radio and night-light with adjustable brightness control. Wakes you to radio or alarm. Has 0.6" LED display, handy on-top snooze bar and sleep button, and time-set switch with lock to prevent accidental resetting. 3" speaker. 2 1/4 x 10 x 5 3/4". UL listed AC. (TSP available) **12-1574** **2995**



Handsome Styling

- Easy-to-Read 0.6" LED Display

NEW! **Chronomatic-266.** Has beveled-front cabinet with simulated woodgrain top. Wakes you to radio or alarm. On-top snooze bar and sleep button, plus hour/minute buttons. Time-set/time-lock switch. 3" speaker, 1/8" earphone jack. 2 3/4 x 10 1/4 x 6 1/2". UL listed AC. (TSP available) **12-1575** **2495**

Wake Up to Real Value

- Dependable Quality on a Budget

Chronomatic-261. Compact size reduces nightstand clutter. Wakes you to radio or "beep" alarm. Has 0.6" LED display, top-mounted buttons for hour/minute setting, snooze bar and 1-hour/59-minute sleep button. LED alarm "on" indicator. 2 1/4" speaker. 1 3/4 x 7 x 4 1/4". UL listed AC. (TSP available) **12-1568** **1995**

Easy-to-Read Fluorescent

- 0.6" Display With Hi/Lo Dimmer

NEW! **Chronomatic-265.** Hand-some beveled front, wood-look top. Wakes you to radio or alarm. On-top snooze bar and sleep button. Hour/minute buttons for time/alarm setting. Time-set/time-lock switch. 3" speaker, 1/8" earphone jack. 2 3/4 x 10 1/4 x 6 1/2". UL listed AC. (TSP available) **12-1576** **2995**

Chronomatic The Brand That Gives You Top Features, Reliability and Quality for Less

You can depend on Chronomatic. Each model is designed with a full circuit for high sensitivity and precise tuning selectivity—especially important for

receiving distant signals. You'll get more stations, more clearly. And, full circuitry ensures that every Chronomatic clock displays accurate time.

*REQUIRES 9V BATTERY, EXTRA / †SEE PAGE 64 FOR DIALING INFORMATION

SPECIAL-FEATURE AM/FM CLOCK RADIOS

All With Dual Alarms for Setting Two Separate Wakeup Times



AM/FM Stereo With Cassette Recorder

- Wake to Radio, "Beep" Alarm or Stereo Tapes

Realistic Chronosette®-256. Records from radio or built-in mikes and has end-of-tape auto-stop. Has a 0.6" fluorescent display, lighted tuning dial, snooze and sleep. Dual 3" speakers, 1/8" stereo headphone jack. 4 1/2 x 13 3/4 x 6 1/4". UL listed AC. (TSP available) 12-1563 **7995**

AM/FM Stereo With Twin 3" Speakers

- Wake to FM Stereo, AM or "Beep" Alarm

Chronomatic-251. Has easy-to-read 0.6" LED time display, FM stereo LED, separate alarm "on" indicators, handy top-mounted snooze and sleep controls. Twin on-top stereo speakers, 1/8" stereo headphone jack. 2 3/4 x 11 x 5 1/2". UL listed AC. (TSP available) 12-1559 **4995**

Sleek Styling, Fluorescent Display

- Start Your Day to FM, AM or Buzzer Alarm

Chronomatic-258. Has bright 0.6" LED display with hi/lo dimmer, separate LED alarm "on" indicators, snooze button and 59-minute sleep control. Easy-to-see lighted dial pointer. 3" speaker, 1/8" earphone jack. 2 1/2 x 9 3/4 x 5 3/4". UL listed AC. (TSP available). 12-1565 **3995**



Big 0.9" LED Display With Hi/Lo Dimmer

- LED Indicator for Each Alarm
- Lighted Dial Pointer

NEW! **Chronomatic-267.** Dramatic styling, large display and handy up-front controls. Wakes you to radio or alarm. Fast/slow and forward/reverse buttons for time and alarm setting. Snooze bar, sleep button. 3 1/2" speaker, 1/8" earphone jack. 3 x 11 x 7". UL listed AC. (TSP available) 12-1577 **4495**



Bright Fluorescent Display With Dimmer

- Fluorescent Alarm "On" Indicators and PM Indicator

NEW! **Chronomatic-268.** Bright 0.6" display with hi/lo dimmer and the lighted dial pointer are easy to see. Wakes you to radio or alarm. Fast/slow, forward/reverse hour/minute buttons. Snooze and sleep controls. 3 1/2" speaker, 1/8" earphone jack. 3 x 11 x 7". UL listed AC. (TSP available) 12-1578 **4795**



Battery Backup During AC Power Failure

If AC fails, backup system keeps clock running up to eight hours, without display, and operates alarm at the preset time.



Exclusive Battery Sentinel System

Automatically tests the backup battery daily. Sentinel LED lights up to warn you if battery is weak or not in place.

USE OUR ENERCELL® EXTRA-LIFE 9V BATTERY #23-583 (NOT INCLUDED) FOR PROPER BATTERY BACKUP/SENTINEL OPERATION

TUNE IN MUSIC OR INSTANT WEATHER



'30s Style AM/FM Cassette



Side-Mounted Mono Cassette Player

NEW! Nostalgic 1934 Atwater Kent replica with oak-finish wood cabinet. FM-AFC, lighted dial, 4" speaker. Fast-forward/eject. 12³/₄ x 10¹/₄ x 8¹/₄" UL listed AC. (TSP available) 12-697 **69⁹⁵**

'40s Replica AM/FM Cassette



Built-In Monaural Cassette Player As Shown Above

Available Sept. 30, 1990

NEW! Classic styling of a '40s table radio with today's solid-state reliability. Dial light, 4" speaker. Fast-forward/eject. Molded cabinet. 7¹/₄ x 10³/₄ x 6" UL listed AC. (TSP available) 12-696 **49⁹⁵**



Handsome AM/FM Table Radio

NEW! Realistic® MTA-15. Acoustically sealed 5" speaker for great sound, FM-AFC, tone control and lighted dial. Built-in antennas, terminals for external FM antenna. Walnut-vinyl-finish molded case. 6 x 10³/₄ x 4". UL listed AC. (TSP available) 12-695 Available Sept. 30, 1990 **39⁹⁵**



Weatheradio/Timekube®

Receives Institute of Standards & Technology WWV time signals on 5/10/15 MHz, weather. Walnut vinyl. 1¹/₄ x 6¹/₈ x 4³/₄" Requires 9V battery. (TSP available) 12-148 **39⁹⁵**



Desktop Weather Receiver

Tap the Play-bar for instant weather info. Low-profile, walnut vinyl. Requires 9V battery or AC adapter. 1¹/₂ x 5¹/₄ x 3¹/₂" 12-141 **24⁹⁵** AC Adapter. UL listed. 273-1431 6.95

Stylish Weatheradio® Cube



THE ORIGINAL!

- Preset Controls
- Only 3" Square

Tap Play-bar to receive weather stations up to 25 miles away, tap again to turn off. Under-set volume and tuning controls. Simulated rosewood. Requires 9V battery. 12-181 **17⁹⁵**

Pocket Weather Receiver



- Campers Love It

This reliable performer is small enough to go with you anywhere—only 1" thin! Built-in telescoping antenna. Wrist strap. Only 4¹/₄ x 2³/₄ x 1". Requires 9V battery. 12-151 **22⁹⁵**



Desk Weatheradio Alert

Alarm sounds at signal from weather station to warn of approaching storms. Battery backup. 1³/₈ x 5¹/₄ x 6" UL listed AC. Backup requires 9V battery. (TSP available) 12-140 **39⁹⁵**

Pocket Weatheradio Alert



- Great for Travelers

Provides advance warning of storms almost anywhere. Alert signal from Weather Service station activates the alarm. 5¹/₄ x 2³/₄ x 7¹/₈" Requires 3 "AA" batteries. (TSP avail.) 12-143 **29⁹⁵**

REALISTIC
WEATHERADIO RECEIVERS
KEEP YOU INFORMED

Introduced in 1968 by Radio Shack, the Weatheradio receiver is your "hotline" to the National Weather Service. It monitors local forecasts, storm warnings and traveler's advisories usually broadcast 24 hours a day on special commercial-free VHF stations in over 365 cities. All our radios (except #12-181) are crystal-controlled for drift-free reception and have up to 50-mile receiving range. These time-tested receivers have offered peace of mind to more than a million satisfied customers!

WEATHERADIO IS A REGISTERED TRADEMARK OF TANDY CORP./RADIO SHACK. WEATHERADIO RECEIVERS TUNE 162.400, 162.475 AND 162.550 MHz

PORTABLE AND POCKET ENTERTAINERS

RADIOS — PORTABLE



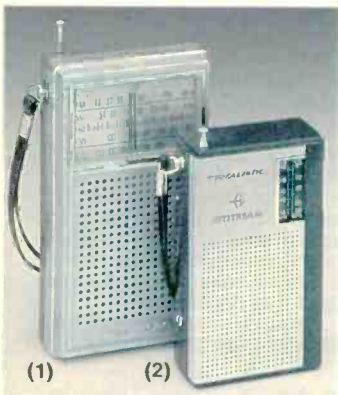
Mini AM/FM Stereo Radio Goes Anywhere

Dual 3" speakers for big sound. Left/right balance control. LED stereo indicator, FM-AFC, $\frac{1}{8}$ " headphone jack, carry strap. $4 \times 10\frac{1}{2} \times 1\frac{1}{4}$ ". Requires 4 "AA" batteries. **12-722** **29⁹⁵**
Adapters. AC. UL listed. 273-1454 .. 7.95 12VDC. 14-844 .. 6.99



Our Lowest Priced AM/FM Stereo Portable

All the most-wanted features. Dual $2\frac{1}{2}$ " speakers, LED stereo indicator, FM-AFC, tone control, $\frac{1}{8}$ " headphone jack. Carry strap. $3\frac{7}{8} \times 11\frac{1}{4} \times 1\frac{5}{8}$ ". Requires 4 "AA" batteries. **12-723** **24⁹⁵**
AC Adapter. UL listed. 273-1454 7.95



Radio Shack Has the Best in Pocket Radios

VHF TV-Sound/AM/FM

(1) **Pocket PortaVision®**. Receives VHF TV channels 2-13 audio. Has $2\frac{1}{4}$ " speaker. Includes earphone. $6 \times 3\frac{1}{2} \times 1\frac{3}{4}$ ". Requires 9V battery or **12-613** **29⁹⁵**
AC adapter.

Jetstream® AM/VHF-Air

(2) Hear pilots talking to control towers and other planes on 108-135 MHz band. Also tunes AM. $2\frac{1}{2}$ " speaker. Earphone. $4\frac{3}{4} \times 2\frac{7}{8} \times 1\frac{5}{8}$ ". Requires 9V battery. **12-601** **19⁹⁵**

Slimline AM/FM Radio

NEW! (3) Rotary tuning and volume controls. With earphone and handy wrist strap. Telescoping FM antenna. $5\frac{5}{8} \times 2\frac{15}{16} \times 1\frac{1}{4}$ ". Requires 9V battery. **12-724** **15⁹⁵**

Our Best Pocket AM/FM

(4) Stylish aluminum trim. Built-in FM-AFC, hi/low tone switch, $2\frac{1}{4}$ " speaker. Includes earphone, telescoping antenna. $5\frac{1}{4} \times 3 \times 1\frac{1}{2}$ ". Requires 9V battery. **12-719** **19⁹⁵**



Full-Size AM/FM On a Budget

■ Famous for Its Excellent Sound

You won't find a better full-size portable for the money! Features hi/lo tone switch for best sound on voice and music broadcasts, FM-AFC to lock in stations, and 3" speaker. With earphone. Telescoping FM antenna. $7\frac{3}{16} \times 8\frac{7}{8} \times 2\frac{1}{2}$ ". UL listed AC (or 4 "C" batteries, extra). **12-716** **24⁹⁵**



High-Performance AM/FM

■ Switchable FM-AFC ■ 4" Speaker

Our best AM/FM portable has switchable AFC for better reception of weak stations adjacent to strong ones. Slide-rule tuning dial, tone control, folding carry handle. Earphone. $7\frac{1}{4} \times 10\frac{1}{2} \times 2\frac{7}{8}$ ". UL listed AC (or 4 "C" batteries, extra). (TSP available) **12-625** **39⁹⁵**



AM/FM/TV-Sound Portable

■ Plays on AC or Battery Power

PortaVision-40. Hear your favorite TV shows on VHF-TV channels 2-13, plus FM and AM at home, the office or on the go. Full-range 4" speaker for room-filling sound, plus earphone for private listening. $8 \times 10\frac{1}{2} \times 2\frac{5}{8}$ ". UL listed AC (or 4 "C" batteries, extra). (TSP available) **12-648** **39⁹⁵**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

PORTABLES FOR MUSIC ON-THE-GO

RADIOS — HEADPHONE & SPECIALTY



Traveler's AM/FM Clock Radio

■ Compact for Traveling Convenience

NEW! Wakes you to FM, AM or "beep" alarm. Pushbutton dial light. Rotary tuning, $\frac{1}{8}$ " headphone jack, LCD time display and built-in folding desk stand. Telescoping FM antenna. $3 \times 5\frac{3}{8} \times 1\frac{1}{4}$ ". **19⁹⁵**
Requires 2 "AA" batteries. 12-1571



AM/FM for Poolside and Patio

■ Wall Mount ■ Water Resistant

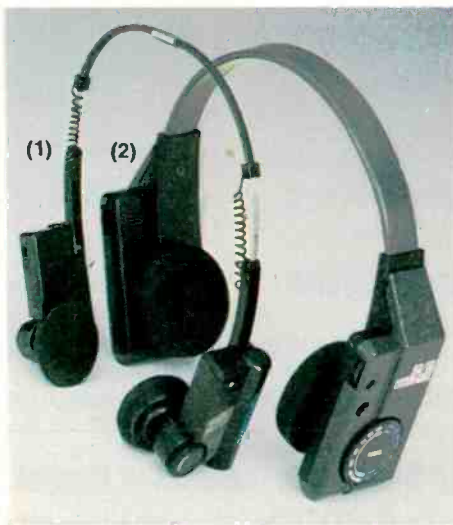
Really hangs in there—indoors or out. Full-range $2\frac{1}{4}$ " speaker, rotary tuning and volume controls. With wall mounting bracket. $5 \times 5\frac{1}{4} \times 1\frac{3}{4}$ ". Safe battery operation. **14⁹⁵**
Requires 4 "AA" batteries. 12-784



Waterbuddy™ Floating AM/FM

■ Enjoy Music in the Pool or Shower

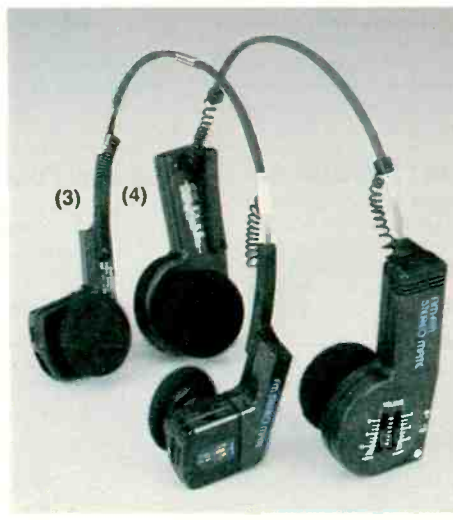
Don't miss your favorite AM/FM stations just because you're in the water! Rotary tuning and on/off controls, built-in FM-AFC, handy carrying strap. For indoor or outdoor use. 8" diameter. Requires 4 "AA" batteries. **21⁹⁵**
12-204



Lightweight, Comfortable STEREO-MATE® Headsets

(1) **Folding Micro AM/FM Stereo.** Ideal for working out or just relaxing at home. Weighs about two ounces with batteries installed, yet delivers superior stereo sound. FM-AFC for clear, drift-free reception. Rotary volume and balance controls, adjustable headband for comfortable fit. Folds for easy carrying. Requires "AAA" battery. (TSP available) **12-128 39⁹⁵**

(2) **Deluxe AM/FM Stereo.** Enjoy hands-free stereo listening on-the-go. Weighs a feathery light six ounces with batteries installed. Built-in FM-AFC for drift-free reception. Side-mounted, rotary tuning dial, volume and balance controls. Built-in AM and FM loop antennas. Foam-padded earcushions. Requires 2 "AAA" batteries. (TSP available) **12-125 39⁹⁵**



(3) **Fold-Up FM Stereo.** Impressive dual-speaker sound! Headset folds to a convenient size for storage in pocket or purse—weighs slightly over two ounces. FM-AFC locks in stations for best reception. Soft earcushions, fully adjustable headband. Rotary volume and tuning controls. Built-in and external antennas. Requires "AAA" battery. (TSP available) **12-144 29⁹⁵**

(4) **Budget AM/FM Stereo.** Listen to your favorite radio stations wherever you go! Lightweight headset has slide-action volume control for customizing the full-range stereo sound. Built-in FM-AFC for drift-free reception, rotary tuning control and AM/FM/FM stereo slide-action switch. FM antenna built into headband. Requires "AAA" battery. (TSP available) **12-145 24⁹⁵**



AM/FM Radio/Lantern

■ Emergency Blinker ■ $2\frac{1}{2}$ " Speaker

SPORTS MATE®. A radio and flashlight built into one sturdy unit. Big $3\frac{3}{4}$ " lens, separate switches for flashlight and blinker, built-in FM-AFC, rotary tuning and volume controls. $6\frac{1}{4} \times 5 \times 10\frac{1}{2}$ ". Requires 4 "D" batteries. **12-205 24⁹⁵**



All-Weather AM/FM Radio

■ Tough ■ Water and Sand Resistant

Really rugged! Features reliable integrated circuit design, rotary tuning and volume controls. Carry strap, built-in AM/FM antennas—there's no "whip" to break. $3\frac{3}{4} \times 5\frac{1}{4} \times 1\frac{1}{2}$ ". Requires 4 "AA" batteries. **12-783 19⁹⁵**

USE DEPENDABLE RADIO SHACK ENERCELL® BATTERIES FOR BEST RESULTS

FUN-TIME PORTABLES MADE FOR KIDS

RADIOS — CHILDREN'S & PHONOGRAPH



Tasty AM/FM Flavoradios®

- Delicious Design ■ Built-In FM-AFC

Double your listening pleasure with both AM and static-free FM. Each features a 2 1/2" speaker, earphone, telescoping antenna and wrist carrying strap. 4 x 3 x 1 7/16" Each requires 9V battery. **EACH 11⁹⁵**



Try a Delicious Flavoradio

- Three Flavors ■ Kids Love 'Em

Colorful pocket AM radios with built-in speaker, earphone and carry strap. Sturdy molded cases. Each requires 9V battery. 4 1/8 x 2 5/8 x 1 1/4". **EACH 6⁹⁵**



Children's Sing-Along Phono

- Plays 33 1/3 and 45-RPM Records

Kids can use the included "strawberry" Fun and microphone to accompany their favorite recordings. This easy-to-use, kid-safe monaural phonograph has built-in speaker, volume control and durable folding case. 3 1/4 x 11 x 9" **34⁹⁵**

AM/FM Bicycle Radio

- Built-In 3" Safety Reflector ■ Horn



Archer Road Patrol®. Mounts on most handlebars, yet radio removes easily for safekeeping or handy portable use. Has 2 1/2" speaker in weatherized case. 3 1/2 x 5 1/4 x 3 7/8". Requires 3 "C" batteries. 12-200 **24⁹⁵**



Sing-Along AM/FM Radio

- Any Child Can Be a Star

NEW! Kids will love to tune in their favorite radio stations and sing along with the included hand microphone. Dual speakers for big sounds. Rotary volume, tone and tuning controls. 6 1/2 x 13 7/8 x 2 5/8". Requires 4 "C" batteries. 60-2338 **19⁹⁵**



Mickey Mouse® Radio

- Convenient Belt Clip

Just rotate Mickey's "ears" to tune AM stations and adjust volume. Carry strap. 3 1/4 x 3 1/4 x 1 3/8". Requires 9V battery. 12-909 **8⁹⁵**

©Walt Disney Productions



Big Bird® Radio

NEW! Feathered friend! Rotary AM tuning and volume controls, carry strap and belt clip. 5 1/2 x 4 1/4 x 2". Requires 9V battery. 12-911 **8⁹⁵**

©Jim Henson Productions, Inc.



Children Adore "Pettable" Portable Radios

AM/FM Fluffy Cat. Built-in radio makes this lovable kitty the perfect companion for bedtime, traveling or whenever you need a friend. Controls are perfect for small hands. 10" long. Requires 9V battery. 12-996 **21⁹⁵**

NEW! AM/FM Collie Dog. With a soft touch and a musical heart, this friendly, lovable pooch is always eager to please. Built-in AM/FM radio has easy-to-use kid-size controls. 10" long. Requires 9V battery. 12-997 **21⁹⁵**

WIRELESS STEREO SPEAKER SYSTEM

AMPLIFIED SPEAKERS



Now, Enjoy Sensational Stereo Sound Wherever You Have an AC Outlet

- Enjoy Rich Sound From Your Stereo System in Any Room—This System Eliminates the Need to Run Speaker Wiring Throughout Your Home
- Ideal for Surround Sound Speaker Set-Up

NEW! Delivers top-quality stereo sound to any room in your home through existing AC wiring. It's easy to move these speakers room to room and they're great for surround sound, too. Hookup is simple—connect transmitter to headphone or audio-out jacks of your stereo system and plug into AC outlet, then plug a speaker into any AC outlet and plug in the companion. Full-range 4 1/2" drivers. Excellent performance with 80 dB signal-to-noise ratio. Audio power output: 10 watts per channel. Speaker size: 9 x 5 7/8 x 6 1/8". UL listed AC. **199⁹⁵** (TSP available) 40-1360 Low As \$15 Per Month

Share Your Music! It's Easy With Our Amplified Speakers



Two-Way Speakers With Carrying Bag

These 7 1/8"-high "satellite" speakers slide into the bag, leaving room for a personal stereo. Speakers can also be removed. Each has a 3" woofer and piezo tweeter. Auto-power off. The 21 3/4"-wide bag has zipper and adjustable strap. Plug into 1/8" stereo headphone jack. Audio power output: 3 watts per channel. Requires 8 "C" batteries or AC or DC adapter. **PAIR 49⁹⁵**



High-Power Speaker

- With Automatic Power On/Off

Minimus®-0.8. Ideal for use with personal stereos, keyboards, cassette decks, CD players or any audio source with line-level output. Full-range 4" speaker. Turns on when signal is present, shuts off when signal stops. Audio power output: 6 watts. 7 1/4 x 4 5/8 x 4 7/8". **EACH 79⁹⁵** UL listed AC. 40-1262



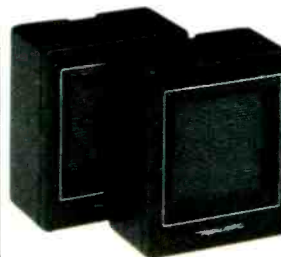
Portable Stereo Mini-Speaker System

Minimus®-0.6. Just plug into your portable's 1/8" headphone jack. With 2 1/2" drivers, carry case, strap, cable. Audio power output: 2 watts per channel. 5 5/8 x 3 1/4 x 3 1/4". Requires 8 "C" batteries. **PAIR 49⁹⁵** 40-1259



Interlocking Stereo Speaker System

Realistic Minimus®-0.4. Enjoy amplified sound from any portable CD player or personal stereo. Has 4" drivers, plus separate bass and treble controls. Interlock for easy carrying, separate for improved stereo. Plugs into 1/8" headphone jack. With strap. Audio power output: 1.5 watts per channel. 5 x 4 3/4 x 2 1/2". Requires 4 "C" batteries or AC or DC adapter. **PAIR 29⁹⁵** 40-1267



Economy Amplified Stereo Speaker System

Enjoy amplified audio from your portable CD player, personal stereo cassette or portable receiver. Just plug this system into portable's 1/8" stereo headphone jack. Dual 2 1/2" speakers. Audio power output: 1 watt per channel. Each enclosure: 3 7/8 x 3 3/8 x 2 1/8". Requires 4 "AA" batteries. **PAIR 19⁹⁵** 40-166

PORTABLE CASSETTES FOR EVERYONE



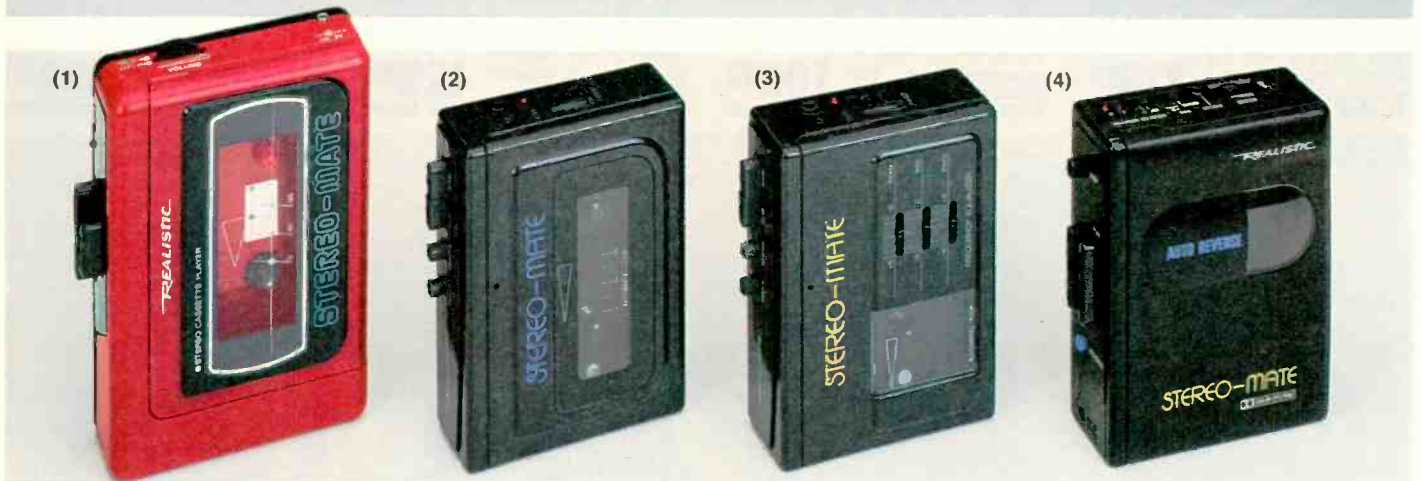
Designed With Children in Mind! Our Durable, Easy-to-Use Players and Recorders

(1) **Radio Shack CTP-70 Sing-Along Player.** Youngsters can sing along to their favorite cassettes with the detachable mike. Oversize play, fast-forward and stop/eject buttons. Separate tape/sing-along volume controls. Auto-stop. $8\frac{3}{8} \times 7\frac{3}{4} \times 2\frac{3}{8}$ ". Requires 4 "C" batteries or AC or DC adapter. **14-851** **23⁹⁵**

(2) **Radio Shack CTR-63 Recorder.** Plays and records cassettes anywhere. Auto-stop turns recorder off at end of tape—saves batteries when youngsters forget to turn it off. On-top controls are easy to operate. Built-in mike. $8\frac{1}{8} \times 6\frac{7}{8} \times 2\frac{3}{4}$ ". Requires 4 "C" batteries or AC or DC adapter. (TSP available) **14-846** **27⁹⁵**

(3) **Radio Shack CTR-80 Recorder/Radio.** Kids can enjoy their favorite cassettes or AM stations, even make "live" tapes—anywhere! Features end-of-tape auto-stop, built-in mike and 3" speaker. Earphone jack. $7\frac{7}{8} \times 9 \times 2\frac{3}{8}$ ". Requires 4 "C" batteries or AC or DC adapter. (TSP available) **14-850** **29⁹⁵**

(4) **Radio Shack CTR-81 Stereo Recorder.** Plays through $2\frac{1}{2}$ " speakers or included in-ear stereo phones. Built-in monaural mike for "live" recordings. End-of-tape auto-stop. Earphone compartment, carry handle. $4\frac{1}{2} \times 11\frac{3}{8} \times 3\frac{3}{8}$ ". Requires 4 "C" batteries or AC or DC adapter. (TSP available) **14-840** **39⁹⁵**



Great Sound to Carry Around! STEREO-MATE® Players With the Features You Want

(1) **Realistic SCP-28.** Has separate left and right volume controls, plus end-of-tape auto-stop to save batteries. Low-battery LED. $5\frac{1}{4} \times 3\frac{3}{4} \times 1\frac{5}{8}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1067** **19⁹⁵**

(2) **Realistic SCP-33.** Has separate left and right volume controls, fast-forward, rewind and auto-stop to protect tapes. Belt clip. $4\frac{1}{8} \times 3\frac{1}{8} \times 1\frac{1}{8}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1069** **24⁹⁵**

(3) **Realistic SCP-34.** Has a built-in 3-band equalizer for "customizing" sound to your liking, plus right and left volume controls. $4\frac{1}{8} \times 3\frac{1}{8} \times 1\frac{1}{8}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1070** **29⁹⁵**

(4) **Realistic SCP-35.** Has auto-reverse, Dolby™ B NR to cut tape hiss, and metal/normal bias switch for best sound from all tapes. $4\frac{3}{8} \times 3\frac{1}{2} \times 1\frac{3}{4}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1071** **59⁹⁵**



Stereo Headphones

Realistic Nova®-34. Outstanding sound and just two ounces light! Comfortable foam earpads and $\frac{1}{8}$ " plug. **33-1000** **5⁹⁵**



Waist Carry Pack

NEW! Protects your personal stereo and accessories. With zipper and adjustable belt. **44-636** **5⁹⁵**



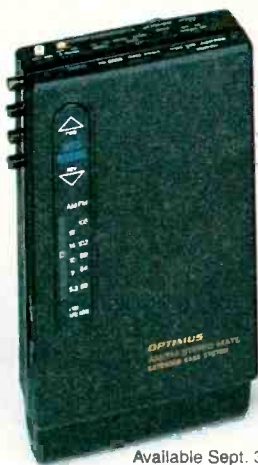
STEREO-MATE Case

Specially designed for personal stereo cassettes or AM/FM radios. Durable padded black nylon, with zipper and belt. $7 \times 4\frac{3}{8} \times 1\frac{3}{4}$ ". **44-689** **7⁹⁵**

AM/FM STEREO-MATE® CASSETTES



Available Oct. 30, 1990



Available Sept. 30, 1990



Available Oct. 30, 1990

NEW! Optimus® SCP-43. Our finest player features precise digital PLL tuning with 10 presets and auto-search, plus an LCD clock/tuning/tape direction display. Selectable auto-reverse, Dolby™ B NR, metal-CrO₂/normal bias selector. Bass boost switch. Includes in-ear stereo phones. 4³/₈ x 3¹/₈ x 1¹/₈". Includes rechargeable battery and UL listed AC adapter/charger. (TSP available) **219⁹⁵**
14-1082 Low As \$15 Per Month

NEW! Optimus SCP-40. Just 1" thin! Has selectable auto-reverse to play both tape sides once or continuously, Dolby B NR to cut tape hiss. Metal-CrO₂/normal bias selector. Bass boost switch enhances low-frequency sound. Includes ultralight in-ear stereo phones and carry pouch. 4¹/₄ x 2⁷/₈ x 1". Complete with rechargeable battery and UL listed AC adapter/charger. (TSP available) **199⁹⁵**
14-1077 Low As \$15 Per Month

NEW! Realistic® SCP-38. Has auto-search to scan up and down the FM and AM bands, precise digital PLL tuning and 20 programmable station presets. Stereo/mono switch ensures best possible FM reception. LCD tuning display. Selectable auto-reverse, Dolby B NR, metal-CrO₂/normal bias selector. Belt clip. 4⁷/₈ x 3³/₈ x 1³/₈". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **129⁹⁵**
14-1074 Low As \$15 Per Month

NEW! Realistic SCR-26 Player/Recorder. Enjoy music anywhere and record "live" in stereo with the included stereo mike. Has 3-band EQ with bass boost for "custom" sound, selectable auto-reverse, Dolby B NR on playback and metal-CrO₂/normal bias selector. With in-ear stereo phones, belt clip. 4⁵/₈ x 3¹/₄ x 1¹/₂". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **139⁹⁵**
14-1078 Low As \$15 Per Month



Realistic SCP-27. Features auto-reverse to play both tape sides without interruption, plus Dolby NR to cut tape hiss and extend dynamic range. Metal/normal bias selector ensures best sound from all cassettes. Stereo/mono switch improves weak-signal FM reception—you'll receive more stations more clearly. Rotary tuning and volume controls. Belt clip. 4³/₄ x 3⁵/₈ x 1¹/₂". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **99⁹⁵**
14-1047 Low As \$15 Per Month



NEW! Realistic SCP-39. It's compact and lightweight for on-the-go entertainment. Features auto-reverse to play both tape sides continuously without interruption, plus metal-CrO₂/normal bias selector and Dolby B NR for best sound. FM stereo/mono switch. Rotary tuning and separate left/right rotary volume controls. Removable belt clip. 5³/₈ x 3³/₈ x 1³/₈". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **79⁹⁵**
14-1076



NEW! Realistic SCP-37. Enjoy your favorite stereo cassettes, FM and AM stations while traveling, working out or just relaxing. End-of-tape auto-stop saves batteries and protects tapes. Stereo/mono switch improves weak-signal FM reception to pull in more stations. Rotary tuning and separate left/right rotary volume controls. Removable belt clip. 5³/₈ x 3³/₈ x 1¹/₂". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **39⁹⁵**
14-1073



Realistic SCP-36. Even our lowest priced player offers excellent sound, easy operation and portability in a stylish, compact design. End-of-tape auto-stop protects tapes and cassette mechanism, also saves batteries. Stereo/mono switch improves reception on all FM stations. LED stereo indicator. Rotary tuning and separate left/right rotary volume controls. Removable belt clip. 5⁵/₈ x 3³/₄ x 1⁵/₈". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **33⁹⁵**
14-1072

SEE PAGE 41 FOR A COMPLETE SELECTION OF AC AND DC POWER ADAPTERS / DOLBY™ LABORATORIES LICENSING CORP.

CASSETTE PLAYERS - PERSONAL

STEREO-MATE PERSONAL RECEIVERS

Our Best! Digital Tuning and 19 Presets

- Auto-Search Scans Up and Down the FM and AM Bands
- PLL Tuning Locks in Stations for Best Reception
- LCD Display ■ Automatic Shutoff After 60 Minutes

NEW! (1) **Optimus**. Receiver slips into shirt pocket or clips to belt, stores 19 stations and auto-scans presets for quick recall of a station. "Lock" prevents accidental changing of settings. 3 7/8 x 2 3/8 x 7/8". Requires 2 "AAA" batteries and 1/8" headphones. (TSP available) 12-147 **69⁹⁵**

Digital Tuning and 10-Station Memory

- Scans Up/Down FM and AM Bands, Locks in Stations
- Stores 5 FM and 5 AM Stations for Instant Recall
- LCD Band/Frequency/Memory Preset Number Display

NEW! (2) **Realistic**. Shirt-pocket stereo—just 3/4" thin! Has a stereo/mono switch for best reception on all FM stations, plus rotary volume and balance controls. Removable belt clip. 4 3/8 x 2 3/8 x 7/8". Requires 2 "AAA" batteries and headphones with 1/8" plug. (TSP available) 12-170 **49⁹⁵**



Available Oct. 15, 1990



Special-Feature Personal Receivers

NEW! (1) **STEREO-MATE With In-Ear Stereo Phones**. Rich stereo sound on a budget! Rotary tuning control, separate left and right linear sliding volume controls. FM stereo/mono switch. Has a removable belt clip for convenient carrying. With replacement earphone sponges. 3 7/8 x 2 1/2 x 1/2". Requires 2 "AAA" batteries. 12-178 **19⁹⁵**

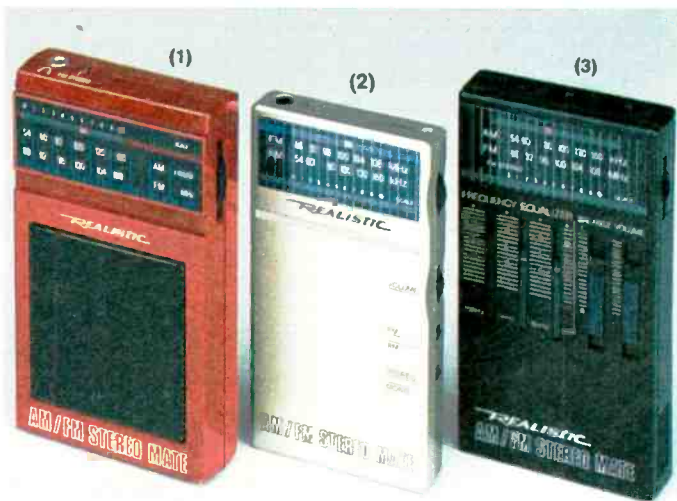
(2) **All-Weather AM/FM Stereo**. Really rugged—sealed with neoprene gaskets to shrug off sand, water and dust. Rotary tuning and volume controls. With belt clip. 3 1/2 x 2 1/8 x 1". Requires "AA" battery and 1/8" headphones. 12-142 **17⁹⁵**

(3) **SPORTS MATE® Headband FM Stereo**. It's weatherized, with head and arm bands so you can wear it anywhere. FM-AFC, stereo/mono switch. 3 3/8 x 1 3/4 x 3/4". Requires one "AAA" battery. 12-138 **24⁹⁵**



Includes Ultralight In-Ear Phones

(3)



Pocket-Size Personal Receivers

(1) **With Built-In Speaker**. Share the music with a friend! Listen to stereo through headphones or monaural through the 1 1/2" speaker. Features built-in FM-AFC and a stereo/mono switch for best possible FM reception, plus an LED stereo indicator. Rotary tuning and volume controls, balance control. 4 1/4 x 2 1/2 x 3/4". Requires 2 "AAA" batteries, plus 1/8" headphones for stereo. 12-132 **19⁹⁵**

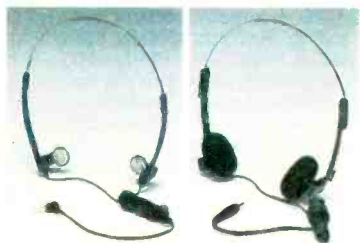
(2) **Super-Thin**. Fits easily in your shirt pocket for listening to music, news, sports and talk shows anywhere. Features built-in FM-AFC to lock in stations, stereo/mono switch for best possible reception from all FM stations, and LED stereo indicator. Rotary tuning and volume controls. Removable belt clip. 4 1/8 x 2 1/4 x 9/16". Requires 2 "AAA" batteries and 1/8" headphones. 12-135 **24⁹⁵**

(3) **With 3-Band Equalizer**. Use the built-in EQ to adjust bass, treble and midrange frequencies and customize sound to your liking. Built-in FM-AFC locks in stations. Stereo/mono switch, LED stereo indicator. Rotary tuning control, linear sliding volume and balance controls. Handy belt clip for carrying. 4 1/4 x 2 3/8 x 9/16". Requires 2 "AAA" batteries and 1/8" headphones. 12-136 **31⁹⁵**

Stereo Headphones

Low As **5⁹⁵**

We give you a choice! See page 27 for our selection of lightweight headphones. Choose the ones just right for your personal receiver.

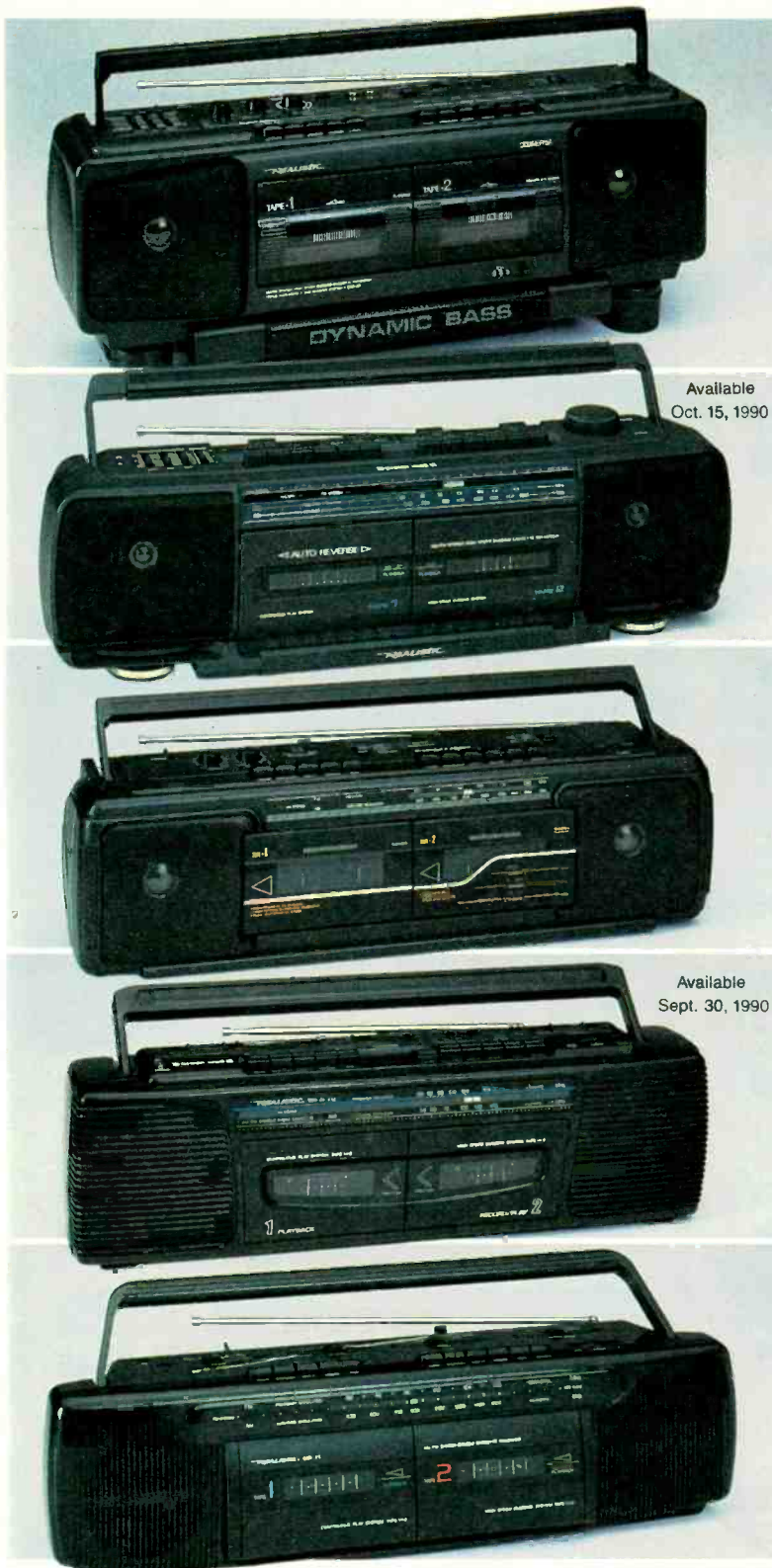


PERSONAL STEREOS REQUIRE HEADPHONES WITH 1/8" PLUG, EXCEPT WHERE NOTED

RADIO—PERSONAL

DUAL-CASSETTE STEREO PORTABLES

CASSETTE RECORDERS—MUSIC SYSTEMS



Available
Oct. 15, 1990

Available
Sept. 30, 1990

Dynamic Bass Boost and 3-Band EQ

- With Powerful Bi-amplified Subwoofer

Realistic® SCR-39. Crank up pulsating bass with the dynamic bass boost control. Record from FM stereo, AM, external sources or add mikes for "live" recordings. High-speed synchro-start dubbing copies personal tapes in half the usual time. Dolby NR cuts hiss, extends dynamic range. Three 4" speakers. Jacks for headphones, mikes, line in. 9³/₄ x 20³/₄ x 5³/₄". UL listed AC (or 6 "D" batteries, extra). (TSP available) 14-757, Low As \$15 Per Month **199⁹⁵**

Stereo Wide® Effect, Auto-Reverse

- Continuous Mode Plays Two Tapes in Sequence

NEW! **Realistic SCR-41.** Switchable Stereo Wide enhances sound for exciting "concert hall" effect. Records from FM stereo, AM or "live" with built-in mike. High-speed synchro-start dubbing copies personal tapes in half the time. Auto-level, auto-stop. Dual 3¹/₂" 2-way speakers. Headphone jack. 5¹/₂ x 20¹/₂ x 5". UL listed AC (or 6 "C" batteries or DC adapter, extra). (TSP available) 14-760 Low As \$15 Per Month **139⁹⁵**

Synchro Dubbing, 3-Band Equalizer

- Copy Personal Cassettes in Half the Usual Time

Realistic SCR-38. Tailor the sound to your personal taste or listening environment with the 3-band graphic EQ—gives you much more tonal control than ordinary portables. Features synchro-start dubbing for precise tape duplication, continuous play mode and end-of-tape auto-stop. Has dual 3¹/₂" speakers. Jacks for headphones and mikes. 8¹/₂ x 19¹/₈ x 4³/₄". UL listed AC (or 6 "D" batteries, extra). Was \$129.95 in 1990 catalog. (TSP available) 14-756 Low As \$15 Per Month **NEW LOW PRICE! 119⁹⁵**

Continuous-Play High-Speed Dubbing

- Auto-Stop Protects Cassettes and Mechanism

NEW! **Realistic SCR-24.** Switchable Stereo Wide circuit enhances stereo effect for "concert hall" sound. Records directly off-the-air or "live" with the built-in mike. High-speed synchro-start dubbing copies tapes quickly and precisely. Dual 3¹/₂" speakers for excellent sound. Jack for headphones. 5¹/₂ x 19¹/₂ x 4". UL listed AC (or 6 "C" batteries or DC adapter, extra). (TSP available) 14-762 Low As \$15 Per Month **99⁹⁵**

Dual Cassettes, "Single" Price

- Auto-Level Assures Perfect-Volume Recordings

NEW! **Realistic SCR-23.** A versatile portable with streamlined styling. Records directly from FM stereo, AM or "live" with the built-in mike. High-speed dubbing copies personal tapes in half the usual time. Continuous mode auto-plays two tapes in sequence. Has end-of-tape auto-stop, FM stereo LED. Dual 3¹/₂" speakers. Headphone jack. 5¹/₂ x 20¹/₂ x 5¹/₂". UL listed AC (or 6 "D" batteries, extra). (TSP available) 14-761 **79⁹⁵**

AM/FM STEREO CASSETTE PORTABLES

With CD Player and Dolby™ B NR

- Precise Synchro-Start CD-to-Cassette Operation

NEW! Realistic® CD-3303. Enjoy extraordinary digital stereo anywhere. Record directly from FM stereo, AM, CD, or "live" with the built-in mike. Dolby B NR cuts tape hiss, extends dynamic range. Full-range 4" speakers deliver rich sound. Auto-search music system restarts a CD selection or plays the next one at the touch of a button. Memory stores up to 32 selections for playback in any order. Compatible with 3" CD format. Headphone jack. 6 x 22 x 7". UL listed AC (or 8 "D" batteries or DC adapter, extra). (TSP available) **219⁹⁵**
14-528 Low As \$15 Per Month

On-the-Go Cassette Player/Recorder

- Auto-Level for Super-Sounding Recordings

NEW! Realistic SCR-20. Fun to take along—to the park, the beach or anywhere you want your favorite music! Records directly from FM stereo, AM or "live" with the built-in microphone. End-of-tape auto-stop protects tapes, the tape mechanism and prolongs battery life. Dual 4" full-range speakers sound terrific. Has FM stereo LED, slide volume and balance controls. Headphone jack. Plays on AC, batteries or car DC with optional adapter. 4 7/8 x 14 3/8 x 3 1/8". UL listed AC (or 6 "C" batteries or DC adapter, extra). (TSP available) **14-755 79⁹⁵**

The Latest in Personal Listening

- Slim, Contemporary Style With Fold-Away Handle

Realistic SCR-40. Listen with the ultralight in-ear phones or through the speakers—either way, you'll enjoy great-sounding stereo. Record directly from FM stereo, AM, or "live" with the built-in microphone. Auto-level assures perfect-volume recordings every time. End-of-tape auto-stop protects tape and mechanism—saves batteries, too. Two-position tone switch lets you adjust sound to suit your taste. Has FM stereo LED indicator, jack for stereo headphones. Plays on AC, batteries or car DC with optional adapter. 5 1/4 x 14 1/2 x 3 1/4". UL listed AC (or 5 "C" batteries or DC adapter, extra). (TSP available) **14-759 69⁹⁵**

Monaural AM/FM Cassette Portable

- Auto-Stop Protects Tapes And Saves Batteries

Realistic CTR-83. Portable entertainment value—plays on AC, batteries or car DC with optional adapter. Big 3 1/2" speaker delivers excellent monaural sound. Record directly from radio or "live" with the built-in mike. 7 5/16 x 11 3/16 x 3". UL listed AC (or 4 "C" batteries or DC adapter, extra). (TSP avail.) **14-758 39⁹⁵**

Contemporary Slim Design, Value Price

- Mono/Stereo Switch for Best Possible FM Reception

Realistic SCR-34. Big stereo sound! Record directly from FM stereo or AM, or "live" with built-in mike. Auto-level recording. Auto-stop protects tapes and saves batteries. Headphone jack. Shoulder strap. 4 3/8 x 12 1/4 x 2 1/2". UL listed AC (or 6 "AA" batteries or DC adapter, extra). (TSP available) **14-752 59⁹⁵**

Available
Sept. 30, 1990



PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS / DOLBY™ LABORATORIES LICENSING CORP.

WE HAVE RECORDERS FOR EVERYONE

CASSETTE RECORDERS

Values in Handheld Recorders

(1) **Realistic® VSC-2001 Variable Speech Control™**. Lets you vary speed and pitch for faster, yet normal-sounding speech playback with any standard cassette. Voice actuation and auto-level for hands-free recording. Has cue/review, tape counter, built-in mike. $4\frac{1}{16} \times 6\frac{9}{16} \times 1\frac{5}{8}$ ". Requires 4 "AA" batteries or AC or DC adapter. (TSP available) **14-1058** **79⁹⁵**

(2) **Realistic SCP-29 Stereo**. Record in stereo with built-in mikes! Monaural speaker, left/right volume. Jacks for stereo headphones, external mikes. $5\frac{1}{8} \times 3\frac{9}{16} \times 1\frac{1}{2}$ ". Requires 2 "AA" batteries or AC or DC adapter. Was \$84.95 in 1990 **NEW LOW PRICE!** **14-1068** **79⁹⁵**

(3) **Miniset®-20 Voice Actuation**. Built-in mike for easy recordings. Auto-stop, cue/review, battery LED, tape counter. Jack for remote mike. $4\frac{1}{2} \times 3\frac{1}{4} \times 1\frac{1}{2}$ ". With earphone. Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1055** **59⁹⁵**

(4) **Realistic CTR-85 Voice Actuation**. Auto-level and built-in mike make recording a breeze. Cue/review, tape counter, pause. Earphone/remote mike jacks. $4 \times 7 \times 1\frac{5}{8}$ ". Requires 4 "AA" batteries or AC or DC adapter. (TSP available) **14-1056** **49⁹⁵**

(5) **Miniset®-19**. Compact size with auto-level, built-in mike, auto-stop. Earphone jack. Wrist strap. Requires 2 "AA" batteries or AC or DC adapter. $4\frac{3}{4} \times 3\frac{3}{8} \times 1\frac{3}{8}$ ". (TSP available) **14-1054** **29⁹⁵**

Desktop Cassette Recorders

(1) **Realistic CTR-68**. Switch auto-level "on" for perfect-volume recordings of speech, or off for wider dynamic range when recording music. Built-in mike, cue/review, tape counter. LED recording meter, auto-stop. Remote mike/earphone jacks. $2\frac{1}{8} \times 9\frac{1}{16} \times 6\frac{3}{4}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). (TSP available) **14-808** **69⁹⁵**

(2) **Realistic CTR-82 Voice Actuation**. Saves tape and time. Cue/review, auto-level, built-in mike with sensitivity switch. Remote mike/earphone jacks. $1\frac{1}{2} \times 5\frac{5}{8} \times 7\frac{1}{16}$ ". Requires 4 "AA" batteries or AC or DC adapter. (TSP available) **14-1049** **69⁹⁵**

(3) **Realistic CTR-73**. A super "notetaker". Auto-stop saves batteries, protects tapes. Has tone control, cue/review, built-in mike, tape counter, record/battery LED and auto-level. External mike jack. $1\frac{3}{4} \times 5\frac{1}{2} \times 10\frac{1}{2}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). (TSP available) **14-1053** **49⁹⁵**

(4) **Realistic CTR-72**. Auto-level, cue/review, built-in mike. Earphone/external mike jacks. $1\frac{7}{8} \times 5\frac{5}{8} \times 9\frac{3}{4}$ ". UL listed AC (or 4 "C" batteries or DC adapter, extra). (TSP available) **14-1052** **39⁹⁵**

(5) **Realistic CTR-71**. Ideal for notes and dictation. Built-in mike and auto-level for easy recording. Cue/review, auto-stop, external mike jack. Earphone. $1\frac{7}{8} \times 5\frac{5}{8} \times 9\frac{3}{4}$ ". Requires 4 "C" batteries or AC or DC adapter. (TSP available) **14-1051** **29⁹⁵**



(1)



(2)



(3)



(4)



(5)

MICROCASSETTES AND ACCESSORIES



"Notetakers" for School or Office

Up to Three Hours Recording Time on One MC-90 Tape

(1) **Realistic Micro-26 Voice Actuation.** Our finest and most compact ever—only $\frac{5}{8}$ " thin! Automatic for hands-free recording. Quick-record lets you change instantly from play to record. Two-speed capstan drive—1.2 cm/sec. or 2.4 cm/sec. Audible cue/review and tape counter. Auto-stop. Built-in mike. Jack for external mike. Earphone, carry case. $4\frac{3}{16} \times 2\frac{1}{16} \times \frac{9}{16}$ ". Requires 2 "AAA" batteries or AC or DC adapter. (TSP available) **14-1043** **Low As \$15 Per Month 149⁹⁵**

(2) **Realistic Micro-27 Voice Actuation.** Fast-play mode increases playback speed while keeping voices understandable. Built-in mike, auto-stop, cue/review, record/battery LED. Two-speed capstan drive. With case, earphone. $4\frac{3}{4} \times 2\frac{1}{8} \times 1\frac{5}{16}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1044** **Low As \$15 Per Month 99⁹⁵**

(3) **Realistic Micro-18 Voice Actuation.** Auto-level, cue/review and 3-digit tape counter. Built-in mike. Auto-stop. Jack for external mike, earphone. $4\frac{7}{8} \times 2\frac{1}{2} \times 1\frac{1}{16}$ ". Requires 2 "AA" batteries or AC or DC adapter. (TSP available) **14-1042** **49⁹⁵**

(4) **Realistic Micro-12.** Same great features as Micro-18, except voice actuation. (TSP available) **14-1041** **39⁹⁵**



Capstan-Drive Microcassettes

Type	Total Recording Time	Cat. No.	Each	
			1-9	10-Up
MC-60	Up to two hours	44-640	3.49	3.00
MC-90	Up to three hours	44-644	6.95	5.98



Microcassette Cleaner Kit

Restores voice clarity! Also use for answering machines. With cleaning cassette, probe, mirror and solution. **44-1168 5⁹⁹**



Microcassette Head Cleaner

Nonabrasive. Effectively cleans microcassette tape path to extend tape life and restore clarity. **44-1166 2⁹⁹**



Quality Minicassette Tape

For rim-drive recorders. 30 minutes of recording time. **44-633 1-9** **Each 3.29**
10-Up **Each 2.79**



Low-Noise, Open-Reel SUPERTAPE® Premium

Reel Size	Length in Feet	Base Thickness in Mils	Cat. No.	Each	
				1-9	10-499
5"	930	1.0	44-1872	3.99	3.19
7"	1230	1.5	44-1878	5.99	4.79
7"	1830	1.0	44-1877	6.99	5.59
7"	3630	0.5	44-1880	12.99	10.39



Open-Reel Concertape®

Low budget price—great for voice and general-purpose recording. Heavy-duty 1-mil. Polyester base. 1800 feet, 7" reel. **44-1018 2⁹⁹**



Plastic Tape Reels

Replace worn or damaged reels. Hinged box design with handy index and timing charts. **5" Reel. 44-278 1.69**
7" Reel. 44-279 1.89

Power Adapters for Portable Recorders

Stop wasting batteries and start saving money! Convert your portable to two or three-way power with these adapters. They will power your portable tape recorder from 120VAC house current or 12VDC vehicle power. Especially useful for reviewing lengthy recordings at home or out on the road. Buy one for your home and car!

Cat. No.	AC	Each	DC	Each
14-0750	*	*	270-1562	13.95
14-0752	*	*	14-844	6.99
14-0753	*	*	14-844	6.99
14-0754	*	*	270-1562	13.95
14-0755	*	*	14-844	6.99
14-0756	*	*	270-1562	13.95
14-0757	*	*	270-1562	13.95
14-0758	*	*	14-844	6.99
14-0759	*	*	270-1562	13.95
14-0760	*	*	14-844	6.99
14-0761	*	*	14-844	6.99
14-0762	*	*	14-844	6.99
14-0808	*	*	14-844	6.99
14-0840	273-1650	12.95	270-1560	11.95
14-0846	273-1454	7.95	14-844	6.99
14-0850	273-1454	7.95	14-844	6.99
14-0851	273-1454	7.95	14-844	6.99
14-1040	273-1435	5.95	270-1560	11.95
14-1041	273-1435	3.95	270-1560	11.95
14-1042	273-1435	3.95	270-1560	11.95
14-1043	273-1654	13.95	270-1560	11.95
14-1044	273-1435	5.95	270-1560	11.95

Cat. No.	AC	Each	DC	Each
14-1048	273-1654	13.95	270-1560	11.95
14-1049	273-1454	7.95	270-1560	11.95
14-1051	273-1454	7.95	14-844	6.99
14-1052	*	*	14-844	6.99
14-1053	*	*	14-844	6.99
14-1054	273-1654	13.95	270-1560	11.95
14-1055	273-1654	13.95	270-1560	11.95
14-1056	273-1454	7.95	14-844	6.99
14-1057	273-1454	7.95	14-844	6.99
14-1058	273-1454	7.95	270-1560	11.95
14-1067	273-1654	13.95	270-1560	11.95
14-1068	273-1654	13.95	270-1560	11.95
14-1069	273-1654	13.95	270-1560	11.95
14-1070	273-1654	13.95	270-1560	11.95
14-1071	273-1654	13.95	270-1560	11.95
14-1072	273-1435	6.95	270-1560	11.95
14-1073	273-1654	13.95	270-1560	11.95
14-1074	273-1654	13.95	270-1560	11.95
14-1076	273-1654	13.95	270-1560	11.95
14-1077	*	*	*	*
14-1078	273-1654	13.95	270-1560	11.95
14-1082	*	*	270-1560	11.95

*Not required; AC power cord included

USE DEPENDABLE, LONG-LIFE ENERCELL® BATTERIES FOR BEST RESULTS

MICROCASSETTE RECORDERS, TAPE RECORDERS

FLAT-FACE* AM/FM STEREO CASSETTES

AUTOMOTIVE ELECTRONICS—AUTO SOUND



Pull-Out Chassis, Auto-Reverse, 30 Watts

- Carrying Handle ■ Speaker Fader ■ Dolby B NR
- LCD Tuning/Time Display ■ 12 FM, Six AM Presets

Stop worrying! Slide out this 15-watt-per-channel player and take it along when you leave your car. Station presets and clock time are retained up to 10 days. Features 1/8" jack for portable CD, line in/out jacks and loudness control. Tuner has auto-memory system, 6-station memory-scan sampling, seek mode, local/DX and frequency-recall controls. Cassette has auto-search, locking fast-forward/rewind, metal-chrome selector, key-off release. Night illumination. (TSP available) 12-1935 Low As \$15 Per Month **279⁹⁵**

Auto-Reverse, 30 Watts, 30 Presets

- Large LCD Tuning/Time Display ■ Speaker Fader
- Auto-Memory System ■ Dolby™ B Noise Reduction

High-performance Optimus® stereo features 15-watt-per-channel amplifier, 1/8" jack for portable CD player, line in/out. Tuner has presets for 18 FM and 12 AM stations. Auto-memory stores strong stations automatically. Six-station memory-scan sampling, seek mode, local/DX and frequency-recall controls. Cassette has auto-search, a metal-chrome selector, locking fast-forward/rewind, key-off release. Night illumination. (TSP available) 12-1938 . . Low As \$15 Per Month **259⁹⁵**

Auto-Reverse, 30 Watts, LCD Display

- Six FM and Six AM Presets ■ Seek Tuning
- Speaker Fader ■ "Soft Green" Illumination

Sensational 15-watt-per-channel stereo, great styling, separate bass and treble controls and line in/out jacks. Tuner has seek mode, FM stereo/mono and frequency-recall controls. Cassette features locking fast-forward/rewind, metal-chrome selector and key-off tape release. (TSP available) 12-1931 Low As \$15 Per Month **189⁹⁵**

*Chassis for single rectangular dash opening in many late-model vehicles.



Auto-Reverse, Extra-Large LCD Display

- 12 FM and Six AM Presets ■ Memory-Scan ■ Speaker Fader

NEW! Auto-reverse convenience plus multifunction 1 1/16 x 1 5/16" LCD tuning/time display. Has line-out jacks for adding an external amplifier. Tuner auto-memory stores strong stations. Memory-scan provides a brief sample of presets. Seek and scan, FM mono/stereo control, automatic local-DX switching. Cassette locking fast-forward/rewind controls. 10 watts total output. (TSP available) 12-1942 Available Nov. 15, 1990 Low As \$15 Per Month **149⁹⁵**

30 Watts, Extra-Large LCD Display, 30 Presets

- 18 FM and 12 AM Presets ■ Memory Scan ■ Speaker Fader

NEW! 15-watt-per-channel stereo with separate bass/treble, auto-loudness, big 1 1/16 x 1 5/16" tuning/time display, 1/8" jack for portable CD, line in/out jacks. Auto-memory. Memory-scan. Seek, FM local/DX control, automatic FM stereo/mono switching. Auto-stop, metal-chrome selector. Night illumination. (TSP available) 12-1940 Low As \$15 Per Month **149⁹⁵**

Large LCD Display, 30 Presets, Auto-Stop

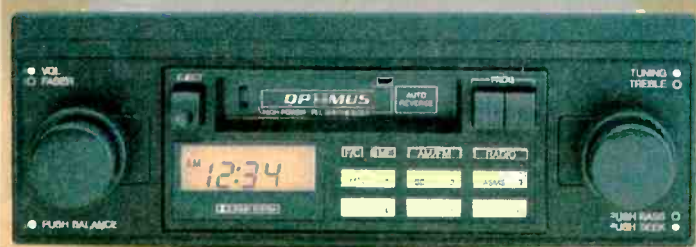
- 18 FM and 12 AM Presets ■ Memory-Scan ■ Speaker Fader

NEW! Multifunction 1 1/2 x 1 5/16" tuning/time display and 1/8" jack for a portable CD player. Tuner has auto-memory, memory-scan, seek and scan modes, FM signal-enhancer circuit, automatic FM local/DX and stereo/mono switching. Metal-chrome tape selector. Night illumination. 8W total output. (TSP available) 12-1948 Available Nov. 15, 1990 Low As \$15 Per Month **119⁹⁵**



SEE CAR STEREO INSTALLATION INFORMATION ON PAGE 44 / DOLBY™ LABORATORIES LICENSING CORP.

HIGH-POWER AM/FM STEREO CASSETTES



Auto-Reverse, 28 Watts, Dolby™ B NR

- Six FM, Six AM Presets ■ LCD Tuning/Time Display
- Auto-Eject ■ CD and Line Jacks ■ Speaker Fader

Deluxe Optimus player with 14 watts per channel, separate bass and treble, remote-mount 1/8" jack with 38" cable for connecting a portable CD and line-out jacks. Tuner features FM signal-enhancer circuit and seek. Cassette has locking fast-forward/rewind, metal-chrome selector and key-off auto-eject. Was \$249.95 in 1990 Catalog. (TSP available) 12-1936 . . . Low As \$15 Per Month

NEW LOW PRICE!
199⁹⁵



"Mini", 28 Watts, Auto-Reverse, 12 Presets

- LCD Tuning/Time Display ■ Six FM, Six AM Presets
- Key-Off Tape Eject ■ Line-Out ■ Speaker Fader

Perfect for many compact vehicles. Mini-size nosepiece fits most dashes. Features 14-watt-per-channel amplifier with separate bass and treble controls, line-out jacks for adding equalizer/booster or power amp. Tuner has FM signal optimizer circuit, seek mode, frequency-recall control, automatic FM local/DX and stereo/mono switching. Cassette has locking fast-forward/rewind controls and metal-chrome selector. (TSP available) 12-1937 . . . Low As \$15 Per Month

179⁹⁵



Auto-Reverse, 24 Watts, 12 Presets, Fader

- LED Tuning/Time Display ■ Six FM, Six AM Presets
- Seek and Scan Tuning ■ Key-Off Tape Release

Powerful 12-watt-per-channel amplifier with separate bass/treble controls, loudness control and front/rear fader. Tuner features seek to lock in next station, scan to sample stations, FM signal-enhancer IC, FM stereo/mono and frequency-recall controls. Cassette has metal-chrome selector, locking fast-forward/rewind, key-off release. Night illumination. (TSP available) 12-1912, Low As \$15 Per Month

159⁹⁵



Auto-Reverse, 24 Watts, 5-Band Equalizer

- LED Tuning/Time Display ■ Six FM and Six AM Presets

Equalizer matches response to your music. 12 watts per channel, front/rear fader, seek, FM signal-enhancer circuit, FM stereo/mono and frequency-recall controls. Cassette features locking fast-forward/rewind, metal-chrome selector and key-off release. Night illumination. (TSP available) 12-1930 . . . Low As \$15 Per Month

149⁹⁵



Auto-Reverse, 12 Presets, Seek and Scan

- Extra-Large LCD Tuning/Time Display ■ Speaker Fader

NEW! The latest styling and auto-reverse convenience at low cost. Tuner has a big 1 7/8" x 1 1/8" backlit tuning/time display, seek and scan modes, FM signal-enhancer circuit, FM stereo/mono and frequency-recall controls. Cassette has locking fast-forward/rewind with direction-change function. 10 watts total output. (TSP available) 12-1943 . . . Low As \$15 Per Month

139⁹⁵



28 Watts, 12 Presets, Seek and Scan Tuning

- LCD Tuning/Time Display ■ Auto-Stop ■ Speaker Fader

NEW! The 14-watt-per-channel amplifier and automatic loudness function give you plenty of rich stereo. Tuner has seek and scan, FM signal-enhancer circuit, automatic local/DX switching, FM stereo/mono and frequency-recall controls. Cassette auto-stop, locking fast-forward/rewind and metal-chrome selector. Night illumination. (TSP avail.) 12-1939, Low As \$15 Per Month

129⁹⁵

VALUE-PACKED REALISTIC® CAR STEREO

AUTOMOTIVE ELECTRONICS—AUTO SOUND



Digital Tuning and 12 Station Presets

Precise digital tuner features an LED frequency/clock display with frequency-recall control. You can tune manually, select from six FM and six AM presets, use seek to lock in the next station or press scan to hear a brief sample of stations. FM signal-optimizer circuit and FM stereo/mono control assure best reception. Cassette has a locking fast-forward/manual-eject control plus auto-stop to protect tapes. Night illumination. Eight watts total output. (TSP available) **12-1924 Low As \$15 Per Month**

99⁹⁵

Compact Size With Auto-Reverse

Feature-packed and will fit in a wide variety of vehicles. Auto-reverse plays both sides of tapes for uninterrupted listening. You get a program control to change tape direction instantly and convenient LED direction indicators. Cassette also features separate locking fast-forward and rewind controls and a manual eject control. Tuner has FM stereo/mono control for best reception and a lighted dial. Eight watts total output. (TSP available) **12-1928**

89⁹⁵

Lowest Priced Mini-Size Stereo

Mini-size chassis fits the dash of most cars and delivers excellent stereo at low cost. Cassette features auto-stop, LED tape mode indicator and a locking fast-forward/manual eject control. Tuner has FM mono position for best fringe-area reception, LED FM stereo indicator and a lighted dial. Eight watts total output. (TSP available) **12-1927**

59⁹⁵

Compact Under-Dash Stereo Cassette With Auto-Stop

Auto-Stop at End of Tape Protects Cassettes and Player From Damage

Here's good stereo sound and all the basic cassette features in a chassis that fits under nearly any dash. Only 1 1/16" high, 5 1/2" wide and 5 1/2" deep—fits where others will not. You also get a convenient locking fast-forward/eject control, slide-action volume, balance and tone controls and LED "on" indicator. Like all of our car audio players, it includes mounting hardware, plug-in wiring harness, cable for two speakers and easy-to-follow installation instructions. (TSP available) **12-1984**

34⁹⁵



HANDY INSTALLATION INFORMATION FOR REALISTIC IN-DASH AUTOSOUND EQUIPMENT

Cat. No.	Chassis Type	Body Size (H x W x D)		Nosepiece Size (H x W x D)		Control Shaft Spacing (Adjustable)	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
12-1912 ✓	DIN-C	1 3/4 x 7 1/16 x 5 5/16	44 x 178 x 135	1 21/32 x 4 1/8 x 2 7/32	42 x 105 x 21	5/8 to 5 13/16	130 to 148
12-1924 ✓	DIN-C	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	1 21/32 x 4 1/8 x 1 3/8	42 x 105 x 35	5/8 to 5 13/16	130 to 148
12-1927 ✓	Mini/Univ. *	1 31/32 x 6 7/16 x 4 5/8	50 x 164 x 120	1 21/32 x 3 11/16 x 1 3/8	42 x 92 x 35	5/8 to 5 13/16	130 to 148
12-1928 ✓	Mini/Univ. *	1 31/32 x 6 7/16 x 4 5/8	50 x 164 x 120	1 21/32 x 3 11/16 x 1 3/8	42 x 92 x 35	5 to 5 13/16	125 to 148
12-1930 ✓	DIN-C	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	1 3/4 x 4 1/8 x 1 3/16	44 x 105 x 31	5/8 to 5 13/16	130 to 148
12-1931	DIN-E (FF)	1 31/32 x 7 1/16 x 5 1/2	50 x 178 x 139	(no nosepiece)	—	(no shafts)	—
12-1935	DIN-E (FF)	1 31/32 x 7 1/16 x 5 7/8	50 x 178 x 150	(no nosepiece)	—	(no shafts)	—
12-1936 ✓	DIN-C	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	1 3/4 x 4 1/8 x 1 1/4	44 x 105 x 33	5/8 to 5 13/16	130 to 148
12-1937	Mini/Univ.	1 31/32 x 6 5/16 x 4 5/8	50 x 160 x 120	1 21/32 x 3 11/16 x 1 3/8	42 x 92 x 35	5/8 to 5 13/16	130 to 148
12-1938	DIN-E (FF)	1 31/32 x 7 1/16 x 5 3/4	50 x 178 x 145	(no nosepiece)	—	(no shafts)	—
12-1939 ✓	DIN-C	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	1 21/32 x 4 1/8 x 4 3/4	44 x 105 x 33.5	5/8 to 5 13/16	130 to 140
12-1940	DIN-E (FF)	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	(no nosepiece)	—	(no shafts)	—
12-1942	DIN-E (FF)	1 31/32 x 7 1/16 x 5 7/8	50 x 178 x 150	(no nosepiece)	—	(no shafts)	—
12-1943	DIN-C	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	1 21/32 x 4 1/8 x 1 3/8	44 x 105 x 33	5/8 to 5 13/16	130 to 148
12-1948	DIN-E (FF)	1 31/32 x 7 1/16 x 5 5/16	50 x 178 x 135	(no nosepiece)	—	(no shafts)	—

DIN-C size fits in dash of most European and many larger Japanese cars, many domestic mid-size cars. DIN-E is "flat-face" design for many late-model European cars and Hondas. Mini fits smallest Japanese cars, most domestic compacts and subcompacts. ✓ Includes rubber gaskets for nosepiece in both Ford and GM styles. * Fits standard and import-size cars. GENERAL INFORMATION: All players include ample cable for two speakers, plug-in wiring harness with labeled leads, fuse, switched power lead for accessories (except #12-1927), mounting hardware, illustrated instructions, trim plates and nosepieces. For 12 VDC negative ground only. CAUTION: High-power players require 4-wire ungrounded speaker wiring. NOTE: 6 5/16" (160 mm) shaft spacing is standard for most domestic trucks.

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

HIGH-POWER UNDER-DASH CD SYSTEM



RADIO SHACK EXCLUSIVE!



Compact and Easy to Install Under-Dash With the Included Accessories

Versatile! You Can Use This High-Power CD Player Independently—Just Add Speakers. Or Plug It Into Your Existing Car Stereo—No Extra Wiring Needed

- Powerful 36-Watt Amplifier ■ Line-Out for External Amp
- Plays All Compact Discs Automatically—No Buttons to Push
- Anti-Shock Mechanism ■ 4X Oversampling ■ LCD Display
- Auto-Search ■ Two-Way Audible Search ■ Pause Control
- Tri-Spot Laser Tracking ■ Includes System Selector Box
- Separate Bass and Treble Controls ■ Night Illumination

NEW! Optimus® CD-36 Stereo Compact Disc System. First-class CD performance and features for your vehicle! This player is compact, rugged, simple to install and incredibly versatile. It will operate independently with its powerful built-in amplifier—just add speakers. Or, you can connect it to almost any existing radio/cassette system. It switches in your speakers automatically when you play discs. The line-out jack lets you connect an external amplifier, too (see next page). The CD-36 brings you the superior sound of 4X oversampling and convenient

automatic play—just insert a standard or 3" compact disc. You also get pushbutton pause and repeat functions, easy-to-read LCD display, proven Tri-Spot laser tracking system and an effective antishock design. Included System Selector Box eliminates complicated wiring. CD-36 plugs into all existing Radio Shack car audio systems and most others. This is the player to choose if you want the best in mobile CD stereo—without the hassles and expense of in-dash or in-trunk models. (TSP available) **12-1941 Low As \$15 Per Month**

349⁹⁵

SPECIFICATIONS. Power Output: 18 watts per channel. Frequency Response at Line Out: 20-20,000 Hz +0.8, -1.0 dB. At Speaker Out: 20-20,000 Hz +1.0, -0.5 dB. Signal-to-Noise Ratio at Line Out: 85 dB. At Speaker Out: 80 dB. Harmonic Distortion at Line Out: 0.1% at 1 kHz. At Speaker Out: 0.18% at 1 kHz. Wow and Flutter: Below measurable limit. Oversampling Rate: 4X. Size: 2 1/16 x 6 7/8 x 7 5/16". Accessories Included: Mounting bracket and hardware, System Selector with Radio Shack standard 5-pin plug connections, ample cable for two speakers. Power Requirement: 12VDC negative ground

AMPS AND UNDER-DASH ACCESSORIES



8-Track/Cassette Adapter

Play your stereo cassette tapes horizontally on most car or home 8-track equipment. No rewiring. Locking fast-forward and manual eject controls. Auto-stop to protect tapes. 1 3/4 x 4 3/4 x 9 7/8". **399⁹⁵** (TSP available) 12-1875



Converter Adds FM to AM

Uses existing AM radio antenna—easy to install. Lighted dial. Compact size fits under almost any dash, only 1 1/4 x 4 x 5 1/4". Does not affect AM reception. **229⁹⁵** Mounting hardware. 12-1350



CD-to-Cassette Adapter

The quick and easy way to add CD to your car stereo. Plug into portable CD player's 1/8" headphone jack and insert like a regular cassette. Also use with home or portable decks. No installation or special wiring needed. 12-1951 **199⁹⁵**



Compact FM Signal Booster

Designed with travelers in mind. Boosts FM signals by more than 10 dB to bring more stations in clearly. Easy hookup. 12VDC negative or positive ground. 1 x 2 1/4 x 3 3/4". 12-1873 **199⁹⁵**



Ground Loop Isolator

Reduces noise and hum. Installs between CD player and EQ or amplifier input. **270-054 109⁹⁵**



80-Watt Stereo Amp

■ 40-Watts Per Channel ■ 20-25,000 Hz
(1) Delivers plenty of power and clean sound. Features auto power-on with LED, built-in DC-to-DC switching power supply and high/low impedance noise-isolated input jacks. Overload protected. 1 x 7 x 6 7/8". (TSP available) 12-1957 **799⁹⁵**

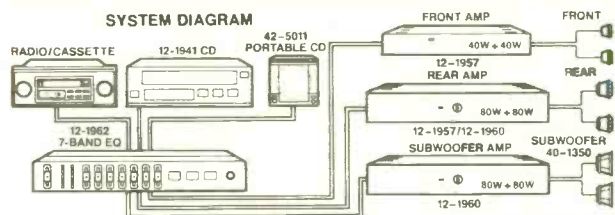
160-Watt Stereo Amp

■ 80 Watts Per Channel ■ 20-30,000 Hz
(2) Input level control, auto power-on with LED. DC-to-DC switching power supply. Gold-plated, high/low impedance noise-isolated inputs. Overload protected. 1 1/2 x 8 3/4 x 7 1/2". (TSP available) 12-1960, Low As \$15 Per Month **1399⁹⁵**



7-Band Stereo Equalizer With Subwoofer Output

NEW! Designed for multi-amp systems, our finest-ever car EQ features outputs, with selectable crossover frequency, for a subwoofer power amplifier, plus two pairs of full-range outputs for front and rear power amplifiers. Has line-level inputs for radio/cassette and CD player, plus front-panel input for portable CD player. Slide-action controls with 12 dB range and LED "band-center" indicator. 5-LED front and rear power meters. Fader with LED "center" indicator. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Ultracompact for easier under-dash mounting—only 1 x 7 x 5 1/16". (TSP available) 12-1962 **899⁹⁵**



Build Your Own Multi-Amp Car Stereo System!

Radio Shack has everything you need to design your own super system. Like the #12-1962 EQ above, our new under-dash CD player #12-1941 and our awesome 12" subwoofer #40-1350.

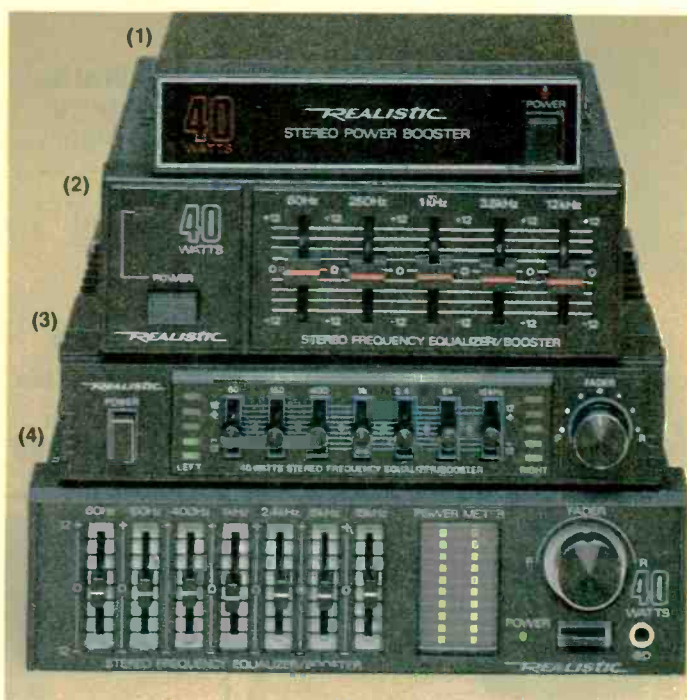
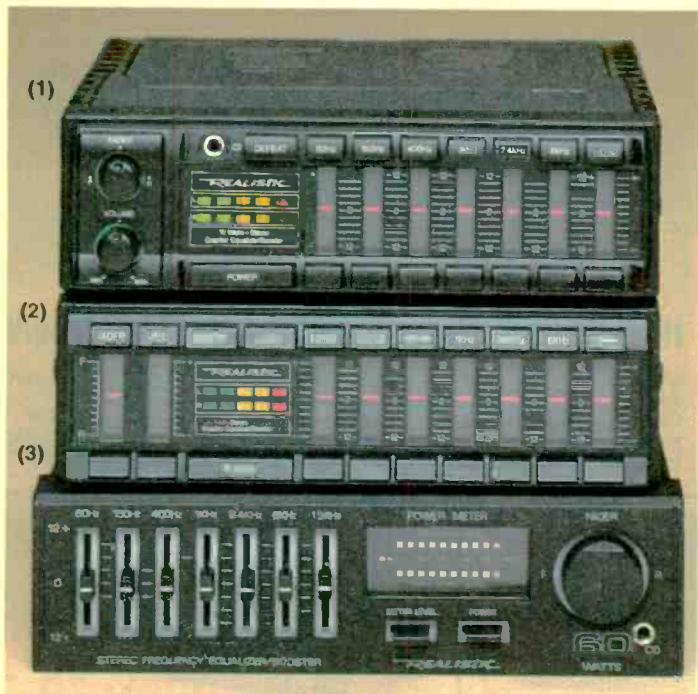


Line-Level 7-Band EQ

Stereo frequency equalizer adds precise tone control to amps and equipment having line-level in/out. Slide-action boost/cut controls with 12 dB range, bypass button, RCA-type connectors. Band centers: 60, 150, 400, 1000, 2400, 6000, 15,000 Hz. 1 3/8 x 5 7/8 x 4". **399⁹⁵** (TSP available) 12-1867

AUTOMOTIVE ELECTRONICS—AMPLIFIERS & ACCESSORIES

CAR STEREO PERFORMANCE BOOSTERS



7-Band Stereo Equalizer/Power Boosters

- Greatly Improve the Sound of Your Present Car Stereo System
- Provide More Precise Tonal Adjustments Than Ordinary Controls Or Separate Bass and Treble Controls

NEW! (1) **70-Watt, 7-Band Equalizer/Booster.** Fourteen electronic level controls let you increase or cut response up to 12 dB in seven bands. Adjustments are shown on the 84-LED display. Ten-LED power output meter, front-panel CD input jack, defeat button. Front/rear fader for balancing 4-speaker systems. Night illumination for volume and fader controls. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level inputs. 17¹/₈ x 6¹/₄ x 6¹/₂". (TSP available) 12-1961 Low As \$15 Per Month **99⁹⁵**

(2) **120-Watt, 7-Band Equalizer/Booster.** Our best puts the power where you need it—90 watts to the rear speakers and 30 to the front. Electronic controls let you boost/cut response in precise 2 dB steps and "see" your adjustments on the 84-LED display. Ten-LED power meter, loudness control, front/rear speaker fader, volume and defeat pushbuttons. Boost/cut range: 12 dB. Band centers: 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Speaker-level and line-level inputs. 11⁵/₁₆ x 7¹/₄ x 6³/₄". (TSP available) 12-1958, Low As \$15 Per Month **119⁹⁵**

(3) **60-Watt, 7-Band Equalizer/Booster.** Features switchable 4/8-ohm speaker output, front/rear speaker fader control for 4-speaker systems and input jack for portable CD player. Backlit slide-action controls increase or cut response up to 12 dB in bands centered at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Dual-range, 10-LED power meters. Speaker-level and line-level inputs—works with virtually all brands of car audio equipment. 17¹/₈ x 7¹/₈ x 6¹/₄". (TSP available) 12-1959 **79⁹⁵**

40-Watt Boosters and EQ/Boosters

(1) **Compact 40-Watt Stereo Power Booster.** Tiny, yet powerful booster fits easily under any dash. Delivers a big improvement in sound at low cost. Power "on" LED indicator. Only 1 x 4³/₁₆ x 4⁵/₁₆". 12-1869 **19⁹⁵**

(2) **5-Band Stereo Equalizer/Booster.** Our lowest priced equalizer/booster combination puts five bands of tone control at your fingertips, plus plenty of extra power. Delivers great sound to your 2-speaker system. Band centers: 60, 250, 1000, 3500 and 12,000 Hz. LED power "on" indicator. 11¹/₁₆ x 5 x 6". (TSP available) 12-1952 **39⁹⁵**

(3) **Slim-Design, 7-Band Stereo Equalizer/Booster.** Thin-line design makes installation easier in smaller vehicles. Features 5-level, 10-LED power output meter and front/rear fader control for balancing 4-speaker systems. Night illumination. Seven slide-action controls with band centers at 60, 150, 400, 1000, 2400, 6000, and 15,000 Hz. Only 1³/₁₆ x 5⁷/₈ x 5³/₄". (TSP available) 12-1954 **54⁹⁵**

(4) **7-Band Stereo Equalizer/Booster With CD Jack.** Feature-packed EQ/booster has backlit controls for easy night viewing and a front-panel input jack for connecting a portable CD player. Also features a 10-level, 20-LED power output meter and front/rear fader control for balancing 4-speaker systems. Band centers: 60, 150, 400, 1000, 2400, 6000, and 15,000 Hz. Power "on" LED indicator. Has line-level input—works with virtually all car audio equipment. 1³/₄ x 6³/₈ x 5¹/₈". (TSP available) 12-1955 **59⁹⁵**

Feel the Power and Hear the Difference! Realistic Stereo Boosters and Equalizer/Boosters

Improve the sound of your present car stereo system! All models on this page give you plenty of clean audio power and widened dynamic range for a difference you'll really hear! The boosters with built-in equalizer can increase

or cut frequency response up to 12 dB in separate bands. You can "punch up" the bass response, smooth out the midrange, and shape the sound to suit your vehicle interior or your taste.

NOTE: BOOSTERS RATED TOTAL WATTS RMS OUTPUT, BOTH CHANNELS. BOOSTERS REQUIRE 4-WIRE UNGROUNDED SPEAKER WIRING. FOR 12VDC NEG. GND. ONLY. ILLUSTRATED INSTRUCTIONS AND UNDER-DASH MOUNTING HARDWARE INCLUDED.

REALISTIC® CAR STEREO SPEAKER PAIRS



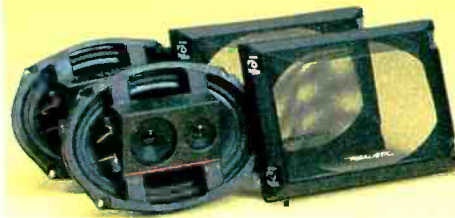
200 Watts
Capacity
Per Pair

DIGITAL
READY

Deluxe 8" 2-Way Speakers for Trucks/Vans

Carpeted, ported enclosures fit behind seat in vehicles without rear deck. Each has a moistureproof polypropylene 8" woofer with 1 1/2" -dia. voice coil and 13.3-oz. magnet for thunderous bass, top-firing piezo tweeter. Handle. 12 1/2" x 18 1/2" x 6 1/4". 4 ohms. (TSP available) 12-1712 . . . Low As \$15 Per Month

PAIR
189⁹⁵



120 Watts
Capacity
Per Pair

DIGITAL
READY

High-Capacity Super 6 x 9" 3-Way Flush-Mount

Massive 16-oz. magnet and moistureproof 6 x 9" polypropylene woofer deliver rich bass. The bridge-mounted 2 1/2" midrange and 1 1/2" piezo tweeter have smooth response. Open-mesh grille, molded housing. No retainer rings required. (TSP avail.) 12-1859 . . . Low As \$15 Per Month

PAIR
99⁹⁵



6 x 9" 2-Way Flush-Mount

80 Watts Capacity Per Pair. Digital Ready. Great for tight spaces. Moistureproof 6 x 9" polypropylene woofer with 10-oz. magnet and 2 1/2" tweeter. Open-mesh grilles. (TSP available) 12-1715

PAIR
69⁹⁵



5 1/4" 3-Way Plate-Mount

80 Watts Capacity Per Pair. Digital Ready. Fits from 4 1/2" round hole to standard 6 x 9" oval rear-deck cutout. Each has 5 1/4" woofer with 6.25-oz. magnet. 2 1/2" midrange and 1 9/16" tweeter. 2 3/4" x 9 3/4" x 6 3/4". (TSP available) 12-1711

PAIR
69⁹⁵



Deluxe 4-Way Surface-Mount

100 Watts Capacity Per Pair. Digital Ready. Bass-reflex design. 4" woofer with 8-ounce barium magnet, 2" midrange, two 1" tweeters. Punched-metal grilles. 5 1/8" x 11 7/8" x 6 1/8". (TSP available) 12-1713

PAIR
79⁹⁵



5 1/4" 3-Way Flush-Mount

60 Watts Capacity Per Pair. Digital Ready. 5 1/4" woofer with 17.6-oz. magnet, 2" midrange, 1" piezo tweeter. For rear deck or door. (TSP avail.) 12-1708

PAIR
59⁹⁵



Available Nov. 15, 1990

4 1/4" 3-Way Surface-Mount

NEW! 80 Watts Capacity Per Pair. Digital Ready. Bass-reflex. Each has 4 1/4" woofer with 8-oz. barium magnet, 2 1/2" midrange and a 1" tweeter. 4 ohms. (TSP available) 12-1716

PAIR
59⁹⁵



Mini 2-Way Surface-Mount

30 Watts Capacity Per Pair. Perfect for rear deck. Each has a 3" woofer with 3.6-oz. magnet and 2" tweeter. 3 7/8" x 5 1/8" x 6 1/4". (TSP available). 12-1707

PAIR
42⁹⁵



- 40 Watts Capacity Per Pair
- Digital Ready

Full-Range 4" Flush-Mount

Only 1 1/2" deep. Fit where space is tight. Moistureproof polypropylene dual-cone drivers with 4.8-oz. magnet. Open-mesh grilles. (TSP available) 12-1704

PAIR
29⁹⁵



- 40 Watts Capacity Per Pair
- Digital Ready

Compact 5 1/4" Flush-Mount

Only 1 1/4" deep, fit in the shallowest doors and kick-panels. Perfect for small cars. 2.9-oz. magnet. With molded housings, moisture shields, metal grilles. No retainer rings needed. 12-1703

PAIR
29⁹⁵



- 20 Watts Capacity Per Pair
- Ideal for Doors or Rear Deck

Economy 5 1/4" Flush-Mount

NEW! Designed especially for limited-space. Less than 2" depth is required for mounting. Features full-range driver with 2.9-oz. magnet and handsome molded grilles. 12-1714

PAIR
22⁹⁵

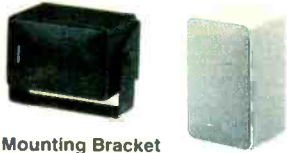
SPEAKERS ON THIS PAGE ARE 8 OHMS (UNLESS NOTED), RATED IN PROGRAM POWER PER PAIR AND INCLUDE MOUNTING HARDWARE

AUTOMOTIVE ELECTRONICS—SPEAKERS

VALUES IN SPEAKERS AND ACCESSORIES

AUTOMOTIVE ELECTRONICS - SPEAKERS

- Digital Ready
- 40 Watts Capacity



Mounting Bracket

Die-Cast, 2-Way Minimus®-7

Rugged performer with 4" woofer, 1" tweeter. 7¹/₁₆ × 4⁷/₁₆ × 4⁵/₁₆". Black, 40-2030. White, 40-2045. Mounting Brackets. 40-2031 . . . Pair 17.95

EACH
49.95

8" Hi-Power Subwoofer With Dual Voice Coils

- 100 Watts Total Capacity

NEW! A heavy-duty bass speaker with 18-oz. magnet. 40-1348

EACH
41.95



Available Sept. 30, 1990

12" Subwoofer With Dual Voice Coils

- 120 Watts Total Capacity

Thunderous bass for your autosound system. Huge 19-ounce ceramic magnet. 40-1350

EACH
61.95



Dynamic and Piezo Tweeters

Dynamic Horn. Heavy-duty diaphragm. 50 watts capacity. 40-1278
3³/₄" Flared-Horn Piezo. 4-25 kHz. SPL: 92 dB (1W/1M). 40-1397

EACH
12.95

EACH
9.95



Deluxe Speaker Enclosures

- For Most 6 × 9" Speakers

Attractive surface-mount enclosures of pre-drilled Acoustifoam™. Feature spring-lever wire connectors for easy hookup. 8¹/₂ × 11³/₈ × 9¹/₂". 40-170

PAIR
39.95



Car Audio 2-Way Speaker Crossover

- 100 Watts Capacity

Directs low frequencies to woofer, highs to tweeter. Sealed polyurethane enclosure. Crossover: 6000 Hz. 12 dB per octave. 3⁷/₈ × 5¹/₈ × 1¹⁵/₁₆". 40-1305

16.95



3¹/₂" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1325	5.0 oz.	20	8.95
40-1333	2.8 oz.	4	4.95



4" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1197	6.8 oz.	10	10.95
40-1208	0.53 oz.	2	5.95



5" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1284	9.8 oz.	20	10.95
40-1909	5.3 oz.	10	7.95
40-1240	2.8 oz.	5	6.95



5¹/₄" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1354	10.0 oz.	40	13.95
40-1241	3.3 oz.	8	6.95



4 × 6" Speaker

Popular size with wide-range sound and 5.3-ounce ceramic magnet. 40-1298

EACH
7.95



5 × 7" Speaker

Fits Chrysler and Toyota rear decks. 3-oz. Selectable 4/8/16 ohms. 40-1261

EACH
11.95



4 × 10" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1297	10.0 oz.	30	15.95
40-1243	5.3 oz.	10	13.95



6 × 9" Speakers

Cat. No.	Magnet Wt.	Watts	Each
40-1265	10.0 oz.	30	16.95
40-1269	3.0 oz.	6	11.95



3-Way 6 × 9" Speaker

- 30 Watts Capacity

Woofer with a 10-oz. magnet, 3" midrange and 1/2" tweeter. 40-1356

EACH
27.95



Wire-Mesh Grille

Perfect for door panels. Protects speaker. Includes hardware. 40-1336

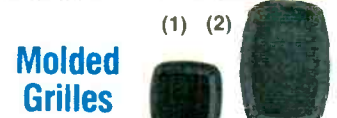
EACH
4.99



Wire-Mesh Grille

For rear-deck speaker. Protects speaker and improves looks. 40-1335

EACH
6.99



Molded Grilles

(1) 4" or 5". Tops for door-mount speakers. 40-1291 . . . Each 1.99
(2) 6 × 9". Ideal for rear-deck speakers. 40-1337 . . . Each 3.29

Deluxe Steel Grille

- For 6 × 9" Speaker

Protects and beautifies. With hardware and template. 40-1175

EACH
3.69



8" and 12" Wire-Mesh Grilles

- Ideal for Our Subwoofers

Rugged, all-steel construction. 8" 40-1345 . . . Each 7.95
12" 40-1346 . . . Each 10.95



Selector Switch

- Mounts Under Dash

Lets you switch between separate tape player and radio using the same speakers. Includes instructions. 270-045

4.79



Stereo Fader Control

- Handles 50 Watts Total

Controls front-to-rear speaker balance to suit your taste. Easy to install. Mounts under dash. With instructions. 270-048

8.79



ROAD PATROL XK[®] RADAR DETECTORS

AUTOMOTIVE ELECTRONICS — RADAR DETECTORS



Ka-Band Photo Radar Coverage Plus FAST™ Antifalsing

Our best dual-superhet detector alerts you to the latest 34.36 GHz Ka-band "snapshot" radar. Separate tones for X, K and Ka bands pulse in proportion to signal strength. *False Alert Suppression Technology (FAST)* circuit. One-touch mute. Sensitivity: X-band, -114 dBm/cm²; K, -104 dBm/cm²; Ka, -94 dBm/cm². 1¹/₈ x 3¹/₈ x 4¹/₄". With case, coiled cord with lighter socket plug, visor clip. 12VDC neg. gnd. (TSP available) **249⁹⁵**
22-1626 Low As \$15 Per Month

Credit Card-Sized Superhet Radar Detector

NEW! Incredibly compact—less than 7/16" thick! *FAST* reduces false alerts. Tone and/or LED alert for X and K-bands. LED bargraph signal-strength indicator makes it easy for you to judge distance to speed radar. Easy to use—just plug into lighter socket, turn it on, and go. Sensitivity: X-band, -114 dBm/cm²; K-band, -104 dBm/cm². 2⁷/₆₄ x 2⁷/₁₆ x 3¹/₁₆". 12VDC neg. gnd. (TSP available) **199⁹⁵**
22-1627 Low As \$15 Per Month

Tiny Top-Performer With FAST System to Cut False Alerts

Surface-mount technology brings you dual-superhet sensitivity in a shirt pocket size. Tone and/or LED alert. Pulse rate is proportional to signal—this and LED bargraph make it easy to judge distance. Mute cancels tone, resets for next encounter. Direct 12VDC operation. Sensitivity: X-band, -110 dBm/cm²; K-band, -102 dBm/cm². 1¹/₈ x 2⁵/₃₂ x 4¹/₈". 12VDC neg. gnd. Was **159⁹⁵** **NEW LOW PRICE!**
22-1625 Low As \$15 Per Month



Dual-Tone Compact

Dual superhet. Lamp and separate X/K tones pulse in proportion to signal strength. *FAST* antifalsing. Sensitivity: X-band, -114 dBm/cm²; K-band, -102 dBm/cm². 7/8 x 3¹/₂ x 4⁷/₁₆". 12VDC neg. gnd. Was **139⁹⁵** **NEW LOW PRICE!**
\$149.95 in 1990 Catalog. (TSP available)
22-1621, Low As \$15 Per Month

Dual-Tone Superhet

NEW! Has LED bargraph signal-strength meter for judging distance. Separate X and K-band tones and *FAST* antifalsing. Sensitivity: X-band, -110 dBm/cm²; K-band, -102 dBm/cm². 1 x 2⁷/₈ x 4²/₅". 12VDC neg. and pos. gnd. (TSP available) **119⁹⁵**
22-1624, Low As \$15 Per Month

Super-Sensitive Compact

Discreet dual-superhet—only 7/8 x 3¹/₂ x 4¹/₄". Features *FAST* antifalsing for reducing false alerts, city/highway switch, volume control. Pulsed tone and/or warning light. Sensitivity: X-band, -113 dBm/cm²; K-band, -105 dBm/cm². 2¹/₈ x 3 x 2⁷/₈". 12VDC neg. gnd. (TSP available) **99⁹⁵**
22-1619, Low As \$15 Per Month



Wireless Hidden/Remote

Superhet detector mounts behind grille or below bumper—receiver goes anywhere! *FAST* antifalsing. Recharges from lighter socket or AC adapter #273-1652, extra. Sensitivity: X-band, -110 dBm/cm²; K-band, -102 dBm/cm². Detector, 3³/₄ x 1⁹/₁₆ x 4¹/₈". Receiver, 1³/₈ x 2³/₄ x 3¹/₈". (TSP available) **169⁹⁵**
22-1622 Low As \$15 Per Month



Car Locator! Find Your Car From a Distance!

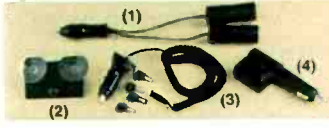
Pocket Keychain Transmitter Has Panic Button

Flashes parking lights, sounds whistle to locate car. Deters vandals or attackers with its siren. Works up to two blocks away. 12VDC neg. gnd. Transmitter has battery. Extra transmitters available on special order from CMC. *Not an alarm system.* 49-800, Low As \$15 Per Month **99⁹⁵**



Electronic Car Compass

Uses fluxgate technology, like commercial jets, to measure earth's magnetic field. 360° graphic display. Connects to electrical system or lighter socket. 2¹/₈ x 3 x 2⁷/₈". 12VDC neg. gnd. *Car use only!* 63-641 **54⁹⁵**



Detector Accessories

- (1) Lighter Y-Adapter. Powers detector and another 12VDC accessory from one lighter socket. 270-1535 **5.49**
- (2) Suction Cup Mount. 270-034 **6.95**
- (3) Universal Coiled 12VDC Cord and Plug. Four adapters fit most radar detectors and 12VDC TVs. Replaceable 2-amp fuse. 270-1528 **9.95**
- (4) Automatic On/Off Switch. See description on page 121. 270-1515 . . . **12.95**

MOBILE ALERT® VEHICLE ALARMS



With Pocket Pager and Keychain Remote

- Keychain Remote Has Arm/Disarm, "Panic" Feature

Panic feature activates siren and car horn in an emergency. Pager notifies you of tampering or entry up to two miles away. Selectable pager/siren/both modes. Page button, valet switch, selectable security code. With remotes, siren controller, hood/trunk sensors. Add more anytime. 12VDC neg. gnd. Pager requires 9V battery or AC adapter. 49-795 . . . Low As \$15 Per Month **149⁹⁵**



Keyless Motion-Type Alarm With Remote

- Panic Switch on Remote Activates Siren and Car Horn

Advanced automotive security at a breakthrough low price! Senses motion and opening of doors, trunk and hood. Responds with extra-loud siren. Motion detector has on/off and sensitivity controls. Loaded with great features—automatic and keychain remote arm/disarm, entry/exit delay, valet switch, status indicators, security code. With mounting hardware. 12VDC neg. gnd. 49-763 **69⁹⁵**



Infrasonic Alarm With Keychain Remote

- Easy 2-Wire Hook-Up ■ Remote Arms/Disarms System

NEW! Reliable, state-of-the-art automotive security. Senses sudden, subaudible changes in air pressure, such as a car door or trunk opening. Sounds built-in, high-power siren. Has high/medium/low sensitivity selector switch, external siren output terminals. Easy to install. 12VDC neg. gnd. 49-825 **59⁹⁵**

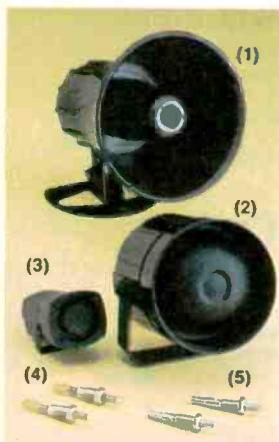


Keyless Car Alarm With Motion Sensor

- Detects Jacking, Tampering and Entry Attempts

You get all the basic features with this easy-to-install system. Senses motion and opening of doors, trunk and hood. Motion sensor has adjustable sensitivity and on/off switch. Features automatic entry/exit delays and arming, convenient valet switch, status indicator light, and extra-loud siren. 12VDC neg. gnd. 49-759 **44⁹⁵**

Vehicle Alarm Sirens and Pin Switches



- (1) **Extra-Loud 2-Sound Siren.** Produces rise/fall piercing "scream" or steady tone. Requires 12VDC, 500 mA. 49-488 **19⁹⁵**
- (2) **Mini Siren.** Super-loud 100 dB "yelp". Fits where others won't. 12VDC, 300 mA. 49-489 **10⁹⁵**
- (3) **High-Efficiency, 2-Sound Piezo Siren.** Weatherproof. Extra-loud rise/fall tone. Requires 12VDC, 300 mA. 49-487 **22⁹⁵**
- (4) **Short Pin Switches.** For doors, hood or trunk—anywhere space is limited. Solderless lug terminals. 49-508 **Pkg. of 2 29⁹⁹**
- (5) **Long-Throw Pin Switches.** Crimp-type connector. Use for hood, trunk or doors to customize alarm system. 49-509 **Pkg. of 2 29⁹⁹**

Add-On Sensors, Labels and Key Holder



- (1) **Electronic Shock and Motion Sensor.** Exclusive circuit! Features quick response time and extremely low current drain—only 5 mA at 12VDC. Easy to install yourself. 49-630 **12⁹⁵**
- (2) **Motion Detector Switch.** Mounts under your hood. Detects tampering attempts, jacking and towing. Features adjustable sensitivity. 49-520 **5⁹⁹**
- (3) **Hide-A-Key.** No more expensive locksmith fees! Special holder for extra house or car keys grips any flat, magnet-holding surface. 49-050 **1¹⁹**
- (4) **Window Decals.** Tells 'em your car or home is protected by alarm system. Effective burglar deterrent at low cost. 49-507 **Pkg. of 4 1¹⁹**

SYSTEMS INCLUDE WIRING, HARDWARE, INSTRUCTIONS / SALE OF SIRENS FOR MOBILE USE PROHIBITED IN CALIF., CERTAIN OTHER STATES

REALISTIC®-USA CB SALES LEADER!

PERSONAL COMMUNICATIONS—CB



RF Gain & PA/CB/Monitor Controls

NEW! (1) Realistic TRC-435. Tone and RF gain controls for clearest reception. Switchable ANL cuts pulse-type noise. Channel 9 priority. Lets you monitor calls when using as a PA amp. Remote speaker jack. 1 1/2 x 5 1/2 x 6 5/8". 12VDC neg./pos. gnd. 21-1518 Low As \$15 Per Month

139⁹⁵

Controls on Mike, Channel-9 Priority

(4) Realistic TRC-430. Convenient channel switches on both mike and front panel. Last-channel backup resets to last active channel when you turn CB on. Green LED display. Emergency Channel 9 priority switch for quick help when needed. PA and remote-speaker jacks. 1 3/8 x 4 5/8 x 7 1/4". 21-1514 Low As \$15 Per Month

99⁹⁵

With 3-Channel Weather Receiver

(2) Realistic TRC-476. Great for marine use, too. Get latest weather info on 162.4, 162.475 or 162.55 MHz. Mike-mounted channel controls with beep tone. Ch. 9 priority. Four-step LED S/RF power meter. ANL, NB, PA buttons. Jacks for remote and PA speaker. 1 7/8 x 6 x 7 3/4". Was \$139.95 in 1990 Catalog. 21-1516 Low As \$15 Per Month

NEW LOW PRICE!
129⁹⁵

Compact With LED Power Meter

(5) Realistic TRC-415. Designed to fit in spaces others won't. Has ceramic filters for superior selectivity and freedom from adjacent-channel interference. Bright LED channel display, 4-step LED signal/RF power meter. Automatic noise limiter cuts pulse-type noise for better reception. Has a jack for adding a remote speaker. 2 x 4 9/16 x 6 1/2". 21-1509

69⁹⁵

With Both ANL and NB Circuits

(3) Realistic TRC-423. Scan to any channel with the front-panel or mike-mounted up/down controls. Green LED channel display. Two-color, 4-LED S/RF meter. Controls for ANL, NB, Ch. 9 priority, PA, mike, RF gain. PA, remote speaker jacks. 1 7/8 x 5 7/8 x 7 1/2". Was \$129.95 in 1990 Catalog. 21-1513 Low As \$15 Per Month

NEW LOW PRICE!
119⁹⁵

Mini With Fingertip Controls

(6) Realistic TRC-477. Small in size and price but definitely not in performance. Easy-to-use fingertip up/down channel switches and easy-to-read green LED readout display. Distinct transmit and receive LED indicators, built-in automatic noise limiter circuit, squelch and volume control. Jack for adding a remote speaker. 1 3/8 x 4 1/2 x 6 1/2". 21-1517

59⁹⁵

THESE CBs GIVE YOU SOMETHING EXTRA

PERSONAL COMMUNICATIONS — CB



AM/Single-Sideband Mobile

- Single Sideband Adds 80 Channels and Boosts Power for Increased Operating Range

Realistic TRC-465. SSB gives you the regular 40 AM CB channels plus 80 upper and lower sideband channels—gets messages through when ordinary CBs won't. Switchable ANL and noise blanker cut pulse-type noise. RF gain control for clearest reception. Digital PLL circuit locks channels on frequency, five-step LED RF power meter. Jacks for adding PA and remote speakers. 2 x 6 1/8 x 8 1/8". 12VDC neg./pos. gnd. 21-1567 Low As \$15 Per Month **199⁹⁵**



Direct-Entry Mobile/Base

- Direct Channel Entry From Keypad
- Last-Channel Memory With One-Touch Recall

Realistic Navaho® TRC-434. Dual-powered CB with greater reliability and clarity to get your message through. PLL locks channels on frequency. Switchable ANL/NB. Channel 9 and 19 priority. RF gain control. Up/down scan. Signal-strength meter. Remote-speaker and headphone jacks. 2 15/16 x 11 1/4 x 8 3/8". UL listed AC or 12VDC neg./pos. gnd. 21-1548 Low As \$15 Per Month **149⁹⁵**



Emergency CB and Weather Radio

- Call for Help Without Leaving Your Vehicle
- Receives U.S. Weather Service for Instant Info

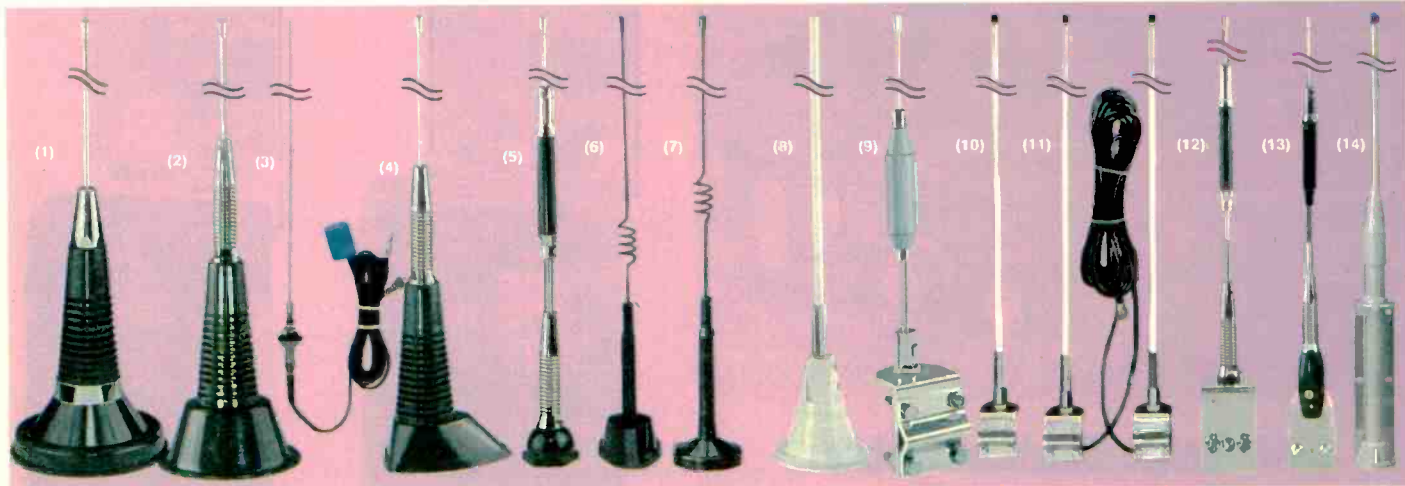
(1) Realistic TRC-475. Quick way to get help or information in an emergency—it's always there when you need it! Just place magnetic-base antenna on roof, plug CB into lighter, then select CB or weather mode. Talk or listen on all 40 CB channels, or receive U.S. Weather Service info on 162.4, 162.475 or 162.55 MHz. Emergency Channel 9 priority button. Entire system, including antenna, packs neatly into fitted 11 x 6 1/2 x 2 1/2" case for easy storage under seat or in glovebox or trunk. Operates on 12VDC neg. gnd. or batteries. Included battery pack requires 8 "AA" alkaline batteries. 21-1515 Low As \$15 Per Month **99⁹⁵**

Road Emergency CB Radio System

- Always Ready When You Need Help on the Highway
- Fitted Case Stores Easily Under Seat or in Trunk

(2) Realistic TRC-409. So easy to use you can even teach children how to call for help in an emergency! Place magnetic-base antenna on car roof, plug CB into lighter socket and talk or receive on all 40 CB channels—without leaving your car. Priority switch gives you one-touch access to Emergency Channel 9. Automatic modulation control makes your transmissions clearer. Two ceramic filters, automatic noise limiter circuit and range selector reduce interference for best reception. LED channel display. Entire system, including antenna, stores neatly in 10 1/2 x 4 5/8 x 2 1/4" fitted case that stores under seat. 12VDC neg. gnd. 21-1500 **69⁹⁵**

WE GIVE YOU A CHOICE IN CB ANTENNAS



Our Archer® Mobile and CROSSBOW® Base CB Antennas Are Solid Performers!

- (1) **Deluxe Magnet-Mount.** No holes to drill, it mounts on any flat magnet-holding surface. 54" whip. 16-ft. cable and connector. 21-960 **37.95**
- (2) **Base-Loaded Magnet-Mount.** Stainless whip and spring. 16-ft. cable, connector. 21-940 **26.95**
- (3) **CB/AM/FM "Disguise".** Mounts in radio antenna hole. 32" stainless whip. 8 1/2-ft. cable, splitter, radio and CB connectors. 21-990 **29.95**
- (4) **No-Hole Trunk-Mount.** Easy, secure mounting. With 16-ft. cable, connector. 21-908 **26.95**
- (5) **"Shorty" Roof-Mount.** Snap-in mount. With 16-ft. cable and connector. 21-906 **23.95**

- (6) **Cellular "Look-Alike" No-Hole Trunk-Mount.** With 16-ft cable and connector. 21-991 **29.95**
- (7) **Cellular "Look-Alike" Magnet-Mount.** No hole to drill. 16-ft. cable, connector. 21-992 **29.95**
- (8) **48" Fiberglass Marine Mount.** Adjusts for horizontal or vertical mounting. With 16-ft. cable and connector. 21-976 **37.95**
- (9) **Single Truckers II.** Heavy-duty. Mounts on vertical or horizontal brackets. Center-loaded. 58" overall. 10-ft. cable, connector. 21-941 **25.95**
- (10) **Fiberglass Single Truckers II.** One-whip version of Fig. 11. 21-939 **26.95**

- (11) **Fiberglass Twin Truckers.** Dual 48" whips. Top performer. 18-ft. cable. 21-945 **44.95**
- (12) **Gutter-Clamp.** Rain-gutter mount. Stainless steel spring and whip. About 37" overall. With 10-ft. cable and connector. 21-909 **19.95**
- (13) **Fold-Down Gutter-Mount.** Center-loaded. Stainless steel spring and whip. About 38" overall. With 10-ft. cable. 21-947 **26.95**
- (14) **CROSSBOW® Omnidirectional 1/2-Wave Base Station Antenna.** Rugged fiberglass construction. Efficient 16-ft. radiator. Mounting bracket fits masts up to 1 1/8" diameter. 21-967 **79.95**



We Have the Accessories You Need for an Effective 2-Way Radio Installation

- (1) **Dynamic Mike.** DIN plug. 21-1172 **17.95**
- (2) **NEW!** Amplified Noise-Cancelling Mike. Ideal for mobile use or wherever noise pickup is a problem. Coiled cord, DIN-type plug. Requires Radio Shack #23-601 seven-volt battery. 21-1175 **29.95**
- (3) **Portable Hump Mount.** 21-540 **17.95**
- (4) **Stainless Steel Spring.** Chrome plated, with removable 3/8"-diameter stud. 21-1118 **9.95**
- (5) **NEW!** Slimline Spring. Chrome plated, 3 1/4" long, removable 3/8"-dia. threaded stud. 21-962 **8.95**
- (6) **Chromed Ball Mount.** 21-1115 **9.95**
- (7) **Bumper Mount.** Dual chains. 21-910 **12.95**
- (8) **Extension Speaker.** 10-foot cable with 1/8" mini-plug. 5 watts, 8 ohms. 21-549 **13.95**
- (9) **NEW LOW PRICE!** Mike Clip. With screws. Was \$1.39 in 1990 Catalog. 21-923 **79¢**
- (10) **Magnetic Mike Holder.** 21-1130 **1.59**
- (11) **Under-Dash Slide-Mount.** CB slides off bracket for safekeeping. 21-566 **17.95**

- (12) **12VDC 48" Replacement Cord.** 3-pin plug. Requires 2-amp fuse. 21-550 **3.29**
- (13) **Gutter Clamp.** 21-911 **5.99**
- (14) **Mirror/Luggage Rack Bracket.** For whips with standard 3/8"-dia. thread. 21-937 **8.95**
- (15) **Antenna Hold-Down Clip.** 21-917 **1.99**
- (16) **Antenna Feedthrough.** For whips or coils with standard 3/8"-dia. thread. Fits mounting plates up to 1/8" thick. 21-950 **4.99**
- (17) **Feedthrough/Adapter.** One end accepts standard PL-259 connector and the other end accepts whip or coil with 3/8"-dia. thread. 21-961 **4.49**
- (18) **Back-of-Set CB Antenna.** 21-921 **7.99**
- (19) **102" Stainless Steel Whip.** 21-903 **13.95**
- (20) **102" Fiberglass Whip.** 21-905 **12.95**
- (21) **48" Fiberglass Whip.** 21-934 **10.95**
- (22) **Replacement Stainless Steel Whip.** With adapter. Replaces 21-904/908/940. 21-952 **5.95**

- (23) **CB/Ham SWR/Field Strength Meter.** Handles 1 kW PEP. 3-30 MHz. 21-525 **19.95**
- (24) **NEW!** VHF/UHF SWR/Power Meter. For 2-meter and 70 cm Ham radio bands. Low insertion loss lets you leave meter inline permanently, if desired. Measures up to 60 watts. 2 9/16 x 3 1/4 x 1 1/16". SO-239 connectors. 19-320 **39.95**

(25) **Coaxial Cable Assemblies.** With PL-259s.

Length	Cable	Cat. No	Each
5-ft.	RG-8	278-969	6.49
10-ft.	RG-58	278-966	6.99
50-ft.	RG-8	278-970	25.99
50-ft.	RG-58	278-971	13.99
2-ft.	RG-58	278-968	4.99

- (26) **NEW!** Dummy Load. For transmitter tuneup. DC-500 MHz. Handles up to 100 watts. 21-506 **21.95**
- (27) **NEW!** Coaxial Surge Absorber. DC-1.5 GHz. Rated 500 watts PEP to 500 MHz. Connects inline. SO-239 connectors. 20-021 **19.95**

REALISTIC—AMERICA'S MOST POPULAR CB BRAND

REALISTIC® - FIRST IN COMMUNICATIONS

PERSONAL COMMUNICATIONS — MARINE/HAM RADIO



Keep in Touch! Equip Your Boat With a Marine VHF Transceiver

Rugged Rechargeable Portable*

- With Battery Pack and AC Charger
- Receives Nine NOAA Weather Channels

Realistic MTX-120. Full-featured marine 2-way radio performance and handheld convenience! It provides communications on 54 US or international marine VHF channels. You get handy one-touch pushbutton access to calling/emergency channel 16, selectable 5 or 1-watt output and a detachable antenna. Includes high-capacity rechargeable battery pack and UL listed AC charger. 8 1/8" x 2 1/2" x 1 1/2". (TSP available)

19-1050 . . . Low As \$15 Per Month **25995**
Spare Battery Pack.(CMC) 19-103. 64.95
Universal Carrying Case. 20-004 9.95

Deluxe 25-Watt Transceiver*

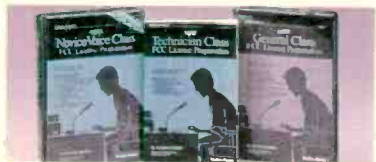
- Selectable 25 or 1-Watt Power Output
- One-Touch Access to Channel 16

NEW! Realistic MTX-101. Enjoy crystal-clear communications with other boats, shore stations and Coast Guard. Operates on 54 US or international channels and receives nine NOAA weather channels. Jack for external speaker. Includes bracket, hardware and detailed instruction manual. 2 3/4" x 8" x 9 3/4". 12VDC neg. gnd. (TSP available) **22995**
19-1002 . . . Low As \$15 Per Month

8-Ft. Fiberglass Antenna. 15-ft. cable with PL-259 plug. Requires ratchet mount. 19-101 39.95
Antenna Ratchet Mount. Nylon. 19-102 . . 14.95

Discover the Fun of Ham Radio With Our 10-Meter Mobile SSB/CW Amateur Transceiver

Amateur radio is the ultimate in hobby communications—an activity enjoyed by thousands and a national resource in times of emergency. The beginner's (novice) license is easy to get and lets you communicate worldwide by voice, computer or code on the 10-meter band.



Amateur Radio Study Guides

Novice Class License Preparation. Includes study manual with FCC test questions and answers plus two code cassettes. Third edition. 62-2410 19.95
Technician Class Manual. Third edition. 62-2411 4.95
General Class License Preparation. Manual and two code cassettes. 62-2404, 19.95



Realistic® HTX-100 10-Meter Mobile Transceiver. A real value for any amateur, novice to extra class. This transceiver is rugged, reliable and loaded with handy features designed in by Radio Shack's own hams. Rock-stable digital VFO provides full 10-meter coverage and tunes in selectable 10 kHz, 1 kHz or 100 Hz steps. Memory stores 10 frequencies. You also get noise blanker, RIT, lighted LCD frequency display, selectable 5 or 25-watt output, LED power/signal strength meter and on-mike up/down tuning. HTX-100 operates USB and CW with semi break-in keying and sidetone. Built-in speaker. Jacks: 1/8" for headphone, key, remote speaker. Standard 8-pin mike jack. With bracket, hardware, DC power cord. 2 7/16" x 7 3/32" x 7 1/8". 12VDC neg. gnd. (TSP available) 19-1101, Low As \$15 Per Month **25995**

YOU MUST HAVE A CURRENT FCC AMATEUR RADIO LICENSE TO TRANSMIT WITH HTX-100. *MARINE VHF RADIOS INCLUDE FCC LICENSE FORM AND TEMPORARY PERMIT

OUR HIGH-PERFORMANCE PORTABLE CBs



Stay in Touch With These Easy-to-Use Handheld 2-Way Radios by Realistic®

- Perfect for Work, Pleasure, Travel and Wherever You Need Reliable Personal Communications
- All Models Have a Sensitive Superhet Receiver
- Forty-Channel Models Are Ready to Operate on All 40 Citizens Band Channels—No Crystals to Buy

(1) **Realistic TRC-87.** Channel 14, 100 mW. Ideal for many short-range communications needs. Low in cost, high in reliability. Wrist strap. 6½ x 3 x 1¾". Requires 9V battery. (TSP available) 21-1609 **1995**

(2) **Realistic TRC-89.** Three Channels, 300 mW. Separate speaker and mike. With ch. 14 crystals. Add crystals for two more channels. 8¾ x 3 x 17/8". Requires 6 "AA" batts. (TSP avail.) 21-1611 **2995**

(3) **Realistic TRC-218.** Three Channels, 2 Watts. Range-Boost antenna system. Squelch control to silence receiver between calls, battery-test LED. With ch. 14 crystals. 10¼ x 3½ x 2½". Requires 8 "AA" batteries or 10 rechargeable batts. (TSP available) 21-1638 **4995**

(4) **Realistic TRC-219.** Three Channels, 3 Watts. Range-Boost, center-loaded antenna. Squelch, battery and modulation LEDs. Jacks: ext. antenna, charger. With ch. 14 crystals. 10¼ x 3½ x 2½". Requires 8 "AA" or 10 rechargeable batts. (TSP available) 21-1639 **5995**

(5) **Realistic TRC-217.** 40 Channels, 5 Watts. Range-Boost and center-loaded antenna extend signal reach. ANL, squelch, channel-display/battery LED. Battery-saving hi/lo power switch. Receiver ceramic filter cuts adjacent-channel interference. Jacks: ext. antenna, charger, DC power. 7½ x 2½ x 2¼". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. Was \$99.95 in 1990 Catalog. (TSP available) 21-1644 **7995**

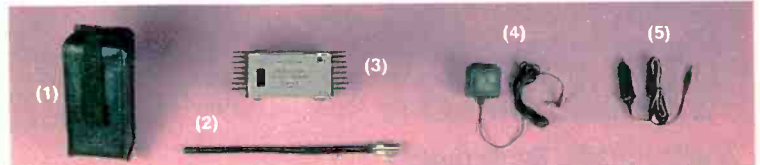
NEW! (6) **Realistic TRC-207.** 40 Channels, 5 Watts. LED channel display, hi/lo power switch, ANL, ceramic filter, LED battery indicator, squelch, detachable flex antenna. Jacks: ext. antenna, charger, DC power. 7¾ x 2¾ x 1¾". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. (TSP available) 21-1645 **9995**

NEW! (7) **Realistic TRC-221.** 40 Channels, 5 Watts. LCD channel indicator with battery/RF meter and switchable backlight. Hi/lo power switch, squelch, ANL, ceramic filter, center-loaded antenna. Jacks: earphone, optional hand mike, ext. antenna, charger, DC power. 7¾ x 2¾ x 2½". Requires 8 "AA" or 10 rechargeable batteries or DC adapter. (TSP available) 21-1664 **13995**

CB Transmit/Receive Crystals

If the CB crystals you want aren't listed below, our "Hotline" service can deliver them to your nearby Radio Shack store in a just few days. (Does not include synthesizer-type crystals). There's no postage charge for this convenient service.

Channel	Cat. No.	Pair
5	21-1205	4.98
9	21-1202	4.98
11	21-1207	4.98
19	21-1219	4.98
30	21-1230	4.98
35	21-1235	4.98

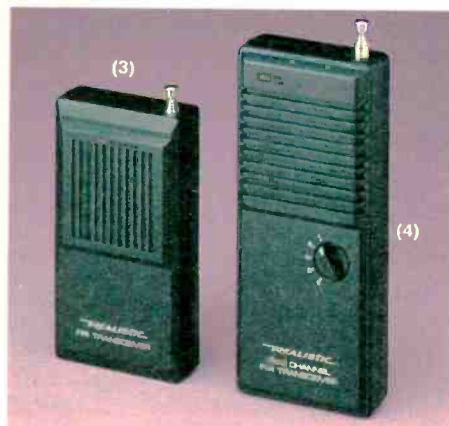


CB Walkie-Talkie Accessories

- (1) **Protective Carrying Case.** Heavy-duty belt loop. 20-004 9.95
- (2) **Flexible "Rubber Ducky" Antenna.** 21-980 7.99
- (3) **Regulated 12VDC Supply.** Operate mobile CBs or walkie-talkies with a DC jack from AC power. Rated 2.5 amps. UL listed AC. 22-120 39.95
- (4) **NiCd Battery Charger.** UL listed AC. 21-516 6.99
- (5) **12VDC Cord.** 8 ft. For walkie-talkies with DC jack. 270-1533 3.79

NO LICENSE IS REQUIRED FOR OPERATING CB EQUIPMENT—ANYONE CAN USE AND ENJOY CB

GOOD TALKERS AND GOOD LISTENERS!



49 MHz FM Walkie-Talkies—Great for Job Sites, Warehouse, Biking, Hiking and Camping

Realistic TRC-504. The ultimate in hands-free communications. When you speak, the comfortable earpiece instantly becomes a voice-actuated mike. It picks up your voice via the ear canal and transmits a clear signal. Each walkie-talkie features a sensitive dual-conversion receiver, selectable push-to-talk or hands-free automatic operation, vox sensitivity and volume controls. Includes belt clip and four different-size earpieces for a perfect fit. System provides up to 1/4-mile range. 2 1/2 x 4 1/8 x 1 5/8". Each requires 9V battery. (TSP avail.) 21-404

PAIR
8995

(1) Realistic TRC-500. Selectable hands-free voice-actuated or manual operation. Perfect for construction, bicycling, hiking, keeping track of family members at amusement parks. Each has a sensitive dual-conversion superhet receiver, volume and VOX sensitivity controls, belt clip. Up to 1/4-mile range. 4 9/16 x 2 1/2 x 1 5/8". Each requires 9V battery. (TSP available) 21-400

PAIR
6995

(2) Realistic 502. As above, but with five channels for multiple-unit use. 5 1/2 x 2 1/8 x 1 5/8". Requires 9V battery. (TSP available) 21-403

EACH
4995

(3) TRC-501. Slightly over one-inch thin and five ounces light. Use them anywhere to keep in touch. Pressing the call button transmits an alert-tone signal. Features LED low-battery indicator, push-to-talk and volume controls, sensitive dual-conversion receiver, and detachable belt clip. Transmission range of up to 1/4-mile. 4 3/4 x 2 5/8 x 1 1/32". Requires 9V battery. 21-401

EACH
2495

(4) Realistic TRC-503. As above, but with five channels for multi-unit use. 6 1/8 x 2 5/8 x 1 1/8". Requires 9V battery. (TSP available) 21-402

EACH
3995



Voice of the World® Portables Tune in News, Views, Music From Around the Globe

NEW! Realistic DX-350. This compact portable tunes AM, FM, longwave and 9 shortwave broadcast bands. Enjoy programs from around the world. Also great for folks traveling or serving overseas. Features built-in speaker, LED tuning indicator, jacks for adding headphone and external power. 4 1/8 x 6 1/16 x 1 9/16". Requires 4 "AA" batteries or AC or DC adapters. (TSP available) 20-209

6995

NEW! Realistic DX-370. Pushbutton tuning with LCD frequency display/24-hour clock. Tunes AM, FM stereo, 3.2-7.3 MHz and 9.5-21 MHz shortwave. Memory for 5 AM, 5 FM, 10 SW stations. Clock radio/buzzer alarm. Sleep timer. Monaural speaker. Jacks: stereo headphone, ext. power. 4 7/8 x 6 1/16 x 1 9/16". Requires 4 "AA" batts. or AC or DC adapter. (TSP avail.) 20-211

11995
Low As \$15 Per Month

Realistic DX-440. Digital tuning covers 150 kHz-29,999 MHz AM/CW-SSB, FM stereo. LCD frequency display/24-hour clock with timer/clock radio functions. 9-station memory. RF gain, BFO pitch, FM mono stereo, AM wide/narrow controls. Mono speaker. Jacks: stereo headphone, ext. antenna and power. 6 1/2 x 11 1/2 x 2 1/4". Requires 2 "AA" and 6 "C" batts. or AC or DC adapter. (TSP avail.) 20-221

19995
Low As \$15 Per Month

PROGRAMMABLE ACTION-BAND SCANNERS



Covers 800-MHz Band!

Our Finest! 400 Channels Plus 2-Speed HyperScan™

- Access to Over 196,000 Frequencies
- HyperScan Doubles the Scanning Speed—13 or 26 Channels Per Second

NEW! Realistic® PRO-2006. Enjoy expanded listening—800 MHz police frequencies, CB, FM, TV audio, even military aircraft. Features ten 40-channel memory banks, a 10-channel monitor bank for temporary storage, plus search and favorite-channel priority functions. Sound-squelch control prevents lockups on unmodulated carriers. Backlit LCD display with dimmer. Coverage: 25-520, 760-823, 851-868 and 896-1300 MHz. AM, FM-narrow and FM-wide modes. Jacks: tape out, 1/8" headphone, external speaker, external DC power, BNC antenna input. Memory backup requires 9V battery. 3 x 8 3/4 x 8 1/8" UL listed AC (or 12VDC cord, extra*). (TSP available) **399⁹⁵**
20-145, Low As \$20 Per Month

10 Channels, Compact Size and Budget Price

- Direct Keyboard Access to Over 22,000 Frequencies
- Includes the Most-Wanted Features

Realistic PRO-57. Small in size, yet with big-scanner performance. Select any channel manually or scan police, fire, government, Ham radio bands and more. Features scan-delay to prevent missed replies and lockout key to bypass unwanted channels. LCD display shows channel number, frequency and status (delay or lockout). Coverage: 30-50 MHz VHF-Lo, 50-54 MHz Ham, 138-144 MHz Govt./Military, 144-148 MHz Ham, 148-174 MHz VHF-Hi, 380-450 MHz Govt./Ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF-Hi. Motorola-type jack for external antenna. Built-in memory backup. 2 1/4 x 7 3/4 x 6 7/8". **NEW LOW PRICE!** **129⁹⁵**
20-126 Low As \$15 Per Month



REALISTIC® Scanner Radios Make Your Home "Command Headquarters"

Available exclusively at Radio Shack, Realistic scanners bring you the most exciting listening of all—local events as they happen, not hours later on an edited newscast. You'll hear police and fire departments at work, ambulances, Amtrak and freight trains, amateur radio, taxis, weather, plus government, military, marine and business services. Scanners covering the 108-136 MHz AM band also receive airport communications and planes in flight. (All other bands are FM.) Programmable scanners offer keyboard entry of frequencies and have memories to store your favorite channels—you'll never have to buy crystals. Scanners on these two pages also feature a backup system to preserve memory, so you'll never lose programmed frequencies due to power outages or while moving your scanner to another AC outlet. Many Realistic scanners have special features such as a search function to automatically find new

or unpublicized frequencies and a priority function which automatically shifts to your selected favorite frequency whenever it is active. Our exclusive ZeroMatic® tuning system locks precisely on—"around"—the active frequency for best possible reception. All feature electronic individual channel lockout to bypass unwanted channels, selectable manual/scan modes, and scan-delay which locks receiver on-channel for two seconds after transmission so you'll be sure to hear the replies. Easy-to-read multifunction LCD displays make programming easy. Ready to use with built-in speaker, rotary volume control, and squelch control to ensure noise-free operation between messages. All have a detachable indoor antenna plus a jack for adding an outdoor or mobile antenna (see page 61). Mobile scanners require 12VDC neg. gnd. for in-vehicle use.

GET THE LATEST NEWS AS-IT-HAPPENS



Covers 800-MHz Band!

200 Channels, Aircraft Band, Search & Priority Functions

- Access to Over 32,000 Frequencies
- Easy-to-Read Backlit LCD Display

Realistic PRO-2022. Memory stores channels in 10 banks of 20 channels each for personalized monitoring. Channels found during 2-speed search can be temporarily stored in a 10-channel monitor bank, then transferred to memory with the touch of one key. Has selectable priority channel, 2-speed scan, individual channel lockout and 2-second scan-delay. Multifunction LCD display. Covers 30-54, 108-136, 138-174, 380-512, 806-823, 851-868 and 896-960 MHz in 10 bands. Jacks for 1/8" headphone, external speaker, external DC power, BNC antenna input. 3 x 8 3/4 x 8 1/8". UL listed AC (or 12VDC power cord, extra*). (TSP available) **349⁹⁵**

20-127, Low As \$15 Per Month
Mobile Mounting Bracket.* For 20-127 and 20-145. Special order (CMC). 20-0001 . . . **24.95**



20 Channels and One-Touch Instant Access To National Weather Service Reports

- Direct Keyboard Access to Over 22,000 Frequencies

Realistic PRO-2023. Stay on top of all the action and get up-to-the minute National Weather Service broadcasts at the touch of one key! Especially useful if you plan to travel or be outdoors, these broadcasts contain forecasts and data for the area served by the station plus bulletins on any threatening weather conditions. Features search mode, monitor bank for temporary storage of channels found during search, favorite-channel priority function, individual channel lockout and 2-second scan-delay. Backlit LCD display. Built-in memory backup. Covers 29-54, 108-174 and 406-512 MHz in 10 bands. Jacks: 1/8" headphone/external speaker, Motorola-type for external antenna. 2 3/8 x 10 x 7 1/8". UL listed AC. (TSP available) **169⁹⁵**

20-128 Low As \$15 Per Month



60 Channels, Search and Priority Functions, Monitor Bank and Channel Lockout Key

- Direct Keyboard Access to Over 23,000 Frequencies

Realistic PRO-2024. Be "on the scene" instantly—hear police, fire and ambulance calls, aviation and marine communications, Ham radio, rail and more from your own living room! Features 2-speed scan and search modes, monitor bank to temporarily store up to six channels found during search, and favorite-channel priority. You can skip over unwanted channels with the electronic channel lockout key. Easy-to-read LCD display shows channel, frequency, status (lockout or scan-delay) and mode of operation—makes programming a snap! Memory backup. Covers 30-54, 118-136, 138-174 and 380-512 MHz in nine bands. Jacks: 1/8" headphone/external speaker, Motorola-type for external antenna. 2 3/8 x 10 x 7 1/8". UL listed AC. (TSP available) **199⁹⁵**

20-129 Low As \$15 Per Month

PORTABLE* PROGRAMMABLE SCANNERS



Our Best! 200 Channels

- 30-50 MHz VHF-Lo Band
- 50-54 and 144-148 MHz Ham
- 108-136 MHz (AM) Aircraft
- 136.005-144 MHz Government
- 148-174 MHz VHF-Hi Band
- 380-450 MHz Government/Ham
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")
- 806-823, 851-868 and 896-960 MHz

Realistic® PRO-34. Action-packed! Keyboard access to 32,058 frequencies. Scans 200 channels in 10 "banks" or searches frequency range you specify. Frequencies found in search can be transferred to permanent memory. Two-speed scan and search. Two-second scan delay prevents missed replies. Selectable priority channel, lockout key to temporarily bypass unwanted channels. Has keyboard-lock. LCD display, switchable backlight, 1/8" earphone jack, belt clip. BNC antenna jack. 6 1/2 x 2 3/4 x 1 5/8". Requires 6 "AA" alkaline or rechargeable batteries or AC or DC adapter. (TSP available)

329⁹⁵
20-135 Low As \$15 Per Month

20 Channels, 9 Bands

- 30-50 MHz VHF-Lo Band
- 50-54 MHz Ham
- 108-136 MHz (AM) Aircraft
- 136.005-144 MHz Government
- 144-148 MHz Ham
- 148-174 MHz VHF-Hi Band
- 380-450 MHz Government/Ham
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")

NEW! Realistic PRO-36. You get keyboard access to over 24,000 frequencies and the frequency-tracking front end assures top sensitivity. Channel lockout key lets you temporarily bypass unwanted channels. Switchable two-second scan delay prevents missed replies. Keyboard lock button prevents accidental entries. Backlit LCD display. There's even a memory-backup circuit to maintain frequencies while you change batteries. Earphone jack. Belt clip included. BNC antenna jack. 6 1/2 x 2 5/8 x 1 5/8". Requires 6 "AA" or rechargeable batteries or AC or DC adapter. (TSP available)

199⁹⁵
20-137 Low As \$15 Per Month

10 Channels, 10 Bands

- 29-29.7 MHz 10-Meter Ham
- 29.7-50 MHz VHF-Lo Band
- 50-54/144-148 MHz Ham
- 136-144 MHz Government
- 148-174 MHz VHF-Hi Band
- 406-420 MHz Government
- 420-450 MHz Ham
- 450-470 MHz UHF-Lo Band
- 470-512 MHz UHF-Hi ("T")

Realistic PRO-38. Gives you direct keyboard access to over 20,000 frequencies in 10 exciting action bands. Features scan-delay to lock receiver on-channel for three seconds after transmission to ensure that you'll hear the replies, plus a multifunction LCD display, review key to display frequencies and audible battery-low indicator. Keyboard lock control prevents accidental entries as you move about. Built-in speaker plus 1/8" jack for earphone. You also get a belt clip, flexible antenna and BNC antenna jack. 6 3/4 x 2 5/8 x 1 1/8". Requires 5 "AA" or rechargeable batteries or AC or DC adapter. (TSP available)

139⁹⁵
20-139 Low As \$15 Per Month

"ACTION" SCANNERS AND ACCESSORIES



16-Channel Mobile* Scanner

- Catch the Action As-It-Happens From Your Car, Truck, RV or Van
- Priority Channel ■ Weather Search

NEW! Realistic PRO-2025. Gives you direct keyboard access to over 20,000 frequencies in 10 bands. Automatically searches for active frequencies, and stores any channel on any band. Priority-channel feature automatically locks onto your favorite frequency whenever it's active. One-touch weather search finds local weather channels. Also has lockout key to bypass unwanted channels, manual scan and review keys, LED display, built-in speaker, jack for adding external speaker. Memory backup. Includes mobile bracket, DC cord. Frequencies: 29-29.7 MHz 10m Ham, 29.7-50 MHz VHF-Lo, 50-54 MHz Ham, 136-144 MHz VHF Govt., 144-148 MHz Ham, 148-174 MHz VHF-Hi, 406-420 MHz Govt., 420-450 MHz Ham, 450-470 MHz UHF-Lo, 470-512 MHz UHF Hi ("T"). 12VDC neg. gnd. (TSP available) **139⁹⁵**
20-146 .. Low As \$15 Per Month

Fact-Packed "Police Call" Frequency Guides

Available on Special Order (CMC)

Vol.	States Covered	Cat. No.	Each
1	CT, ME, MA, NH, NY, RI, VT	62-1041	7.95
2	DE, MD, NJ, PA	62-1042	7.95
3	MI, OH	62-1043	7.95
4	IL, IN, KY, WI	62-1044	7.95
5	IA, KS, MN, MO, NE, ND, SD	62-1045	7.95
6	DC, FL, GA, NC, SC, VA, WV	62-1046	7.95
7	AL, AR, LA, MS, OK, TN, TX	62-1047	7.95
8	AZ, CO, ID, MT, NM, NV, WY	62-1048	7.95
9	CA, OR, WA	62-1049	7.95

2-Channel Receiver

- 144-174 MHz and 450-512 MHz
- Ideal for Police, Fire, and Security Personnel

Realistic PRO-27. Money-saving alternative if you only need to monitor a couple of channels. Built-in speaker, volume control, A/B selector switch, earphone jack. With belt clip, detachable flexible antenna. 4⁵/₈ x 2³/₄ x 1¹/₁₆". Requires crystal for each channel and 9V battery. **49⁹⁵**
Crystals. Specify frequency. Ea. 4.98

Scanner Antennas and Accessories

- (1) Indoor All-Band Plug-In Antenna. 20-161 9.95
- (2) All-Band Magnet-Mount Mobile Antenna. 16-ft. cable, Motorola-type plug. 20-012 29.95
- (3) Portable Scanner Case. With belt loop. 20-004 9.95
- (4) Center-Loaded Telescoping Whip Antenna*. For 25-1300 MHz. BNC connector. Nine sections. 20-006 9.99
- (5) Telescoping Whip Antenna*. 20-008 7.99
- (6) 50-Ft. Coax Cable Assembly. 52-ohm. With PL-259s. 278-971, 13.99
- (7) Headset. With 1/4" and 1/8" plugs. 20-210 9.95
- (8) VHF-Hi/Air/UHF Base Antenna. 20-176 14.95
- (9) Discone Antenna*. For 25-1300 MHz. 20-013 59.95
- (10) BNC Male to Motorola Jack Adapter. 278-117 2.99
- (11) Coax Adapter. SO-239 to Motorola plug. 278-208, 1.79
- (12) Coax Clips. For RG58/U. 20-192 Pkg. 10/99c For RG8/U. 20-193 Pkg. 6/99c
- (13) NEW! Antenna Surge Absorber. Gas discharge tube. Handles 500W PEP. DC to 500 MHz. 20-021 19.95

*Also for transmitting on 144, 220, 440, 1296 MHz Ham bands.

*MOBILE USE OF SCANNERS MAY BE UNLAWFUL IN SOME AREAS OR REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES

PLUG 'N TALK® FM WIRELESS INTERCOMS



Our Finest! 3-Station Intercom and Monitor

- Three Channels—Talk Privately Between Any 2 of 3 Stations
- FM Operation Cuts Electrical Noise and Interference
- Automatic Squelch Keeps Stations Silent Between Calls
- Easy to Move Stations From Room to Room—Just Plug into AC

It's a snap to install and even easier to use! Simply plug each station into an AC outlet at the desired location and press the Talk-bar to speak. Each station features selectable 3-channel operation so you can talk with one station without disturbing the third. Or use a single channel for 3-way "conferences". Call-tone button permits signaling one or all stations. Lockable Talk-bar is great for hands-free conversation or continuous monitoring of a child's room. Built-in modulation limiting circuit prevents overloading or distortion. For desktop or wall. Easy to expand the system—simply add more sets any-time. 1⁵/₈ x 5¹/₁₆ x 4¹/₈". UL listed AC. (TSP available)

SET OF 3
9995

43-218 Low As \$15 Per Month

Budget Priced 2-Station System

- Wireless—Plugs into AC
- For Desktop or Wall
- FM Reduces Interference, Background Noise



Reliable communication system at a bargain price! Just plug the two stations into AC outlets in your home or office, and you're in business! Messages are transmitted right through the house wiring. Each station has a Call-tone that alerts the other station. Lockable Talk-bar for hands-free talking or continuous monitoring. Volume control and power-on indicator. Keyhole slots for easy wall mounting. 1⁷/₈ x 5⁷/₈ x 4". UL listed AC. (TSP available) 43-207

PAIR
3995

2-Station With Lighted Talk-Bar

- Lighted Talk-Bar Doubles As a Handy Nightlight
- Call-Tone Alert Button

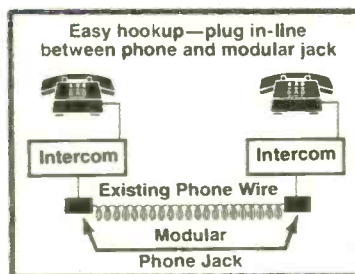


No wiring necessary! Just plug into AC, press Talk-bar, and speak. FM operation cuts electrical noise. Available in three frequencies to prevent interference. Has a Lock-bar. 1³/₄ x 6³/₄ x 4³/₄". UL listed AC. (TSP available) 43-212

PAIR
6995

2-Station System Adds Intercom and Hold to Phones

- Low-Cost Way to Add Step-Saving Convenience—Ends Running From Room to Room When Someone Else Has a Phone Call
- Phone-Line Operation Assures Maximum Clarity ■ FM Operation



For business or home! If the call is for someone at the other station, you can notify that person by intercom. Just plug into AC and modular jack, then plug phone into intercom. Intercom doesn't interfere with normal phone conversations and even works without a phone attached. Talk-bar with lock for hands-free talking or noise-free monitoring. Each station has Call-tone and Phone-hold buttons, volume control. Desk/wall mounting. 1³/₄ x 5³/₄ x 4". UL listed AC. (TSP available) 43-206

PAIR
4995

WIRELESS AC INTERCOMS OPERATE UP TO 300 FEET APART AND USUALLY BETWEEN NEIGHBORING HOUSES AND APARTMENTS

TIME-AND-STEP SAVING ELECTRONICS



Portable FM Cordless Room Monitor

- Keep an "Ear" on a Child's Room While You Relax
- Just Plug Transmitter Into AC Outlet—No Wiring to Install
- Two Selectable Frequencies to Help Prevent Interference
- FM Operation Cuts Noise

Now you can monitor an area such as a child's or dependent person's room, as you move freely around the house. Also handy to use as a security device to "listen in" on areas which should be unoccupied, such as garage, workshop, laundry room and storage area. Battery-powered receiver clips to belt or pocket, or save battery power and use the included adapter. Low-battery-power LED indicator. Two selectable frequencies cut signal interference. Transmitter, 2 x 5¹/₄ x 4³/₈" is UL listed AC. Receiver, 5 x 2¹/₂ x 1¹/₈", requires 9V battery for portable use. Extra receivers are available on special order from Radio Shack Consumer Mail Center (CMC). (TSP available) 43-202

SET
39⁹⁵

Flexible Antenna. For receiver. 43-189 5.49



Wireless Paging System

- With Antenna for Up to 2-Mile Range
- Expandable—Add Up to Eight Receivers
- Ready to Use ■ No License Required

Realistic® PG-80. Low-cost way to improve the efficiency of just about any business where it's necessary to reach the right person quickly. Push a button on the powerful 7-watt transmitter, and receiver "beeps" to alert user to check in. Digital encoding (4096 possible combinations) with memory backup assures reliable interference-free paging. Add an outdoor CB antenna for extra transmitting range. Receiver audibly warns you of a weak battery. Includes the transmitter and one receiver. Transmitter, 2¹/₄ x 7 x 4⁵/₈", is UL listed AC. Receiver, 4 x 2³/₁₆ x 1⁷/₁₆", requires 3 "AAA" batteries. (TSP available)

SET
99⁹⁵

49-710 Low As \$15 Per Month
Extra Receiver. 49-711 Each 29.95

Two-Station Wired Intercom

- Saves Time and Steps
- Desk/Wall Mounting
- With 66-Foot Cable

Battery-powered system provides noise-free conversation in your home, shop, camper or boat. Either station can signal the other, even when system is "off". Master has volume control. Includes staple fasteners for cable. Each 1¹/₂ x 3¹/₂ x 4¹/₈". PAIR
14⁹⁵
Requires 9V battery. 43-222



Four-Station Wired Intercom

- Battery Powered Operation! No AC Outlet Necessary
- Handy Child's Room Monitor

Selector on master lets you talk with each station individually—no other station can listen in. Master has volume control, and all stations have Call-tone buttons. With three 66-ft. cables. For desk or wall mounting. Master, 1¹/₂ x 4¹/₈ x 4³/₄". Remotes, 1¹/₂ x 3⁷/₁₆ x 4¹/₈". SET OF 4
24⁹⁵
Requires 9V battery or AC adapter. 43-223



VISIT RADIO SHACK FOR A COMPLETE INTERCOM OR PAGING SYSTEM FOR YOUR BUSINESS OR HOME

MAKE RADIO SHACK YOUR PHONE COMPANY®



Phones With the Latest Fashion and Features

(1) **NEW!** Krystal™ II. Simply beautiful. Has hold button with LED reminder. Hold automatically releases when you pick up your call at an extension. Convenient touch-redial calls the last number dialed with one touch if it was busy or there was no answer. "Flash" button for use with services like Call Waiting. Ringer hi/lo switch. 43-368 **49.95**

(2) **NEW!** French-Style. Pearl-white body and ornamental handset adds an Old World flair. "Continental" ringer, touch-redial, detachable coiled handset cord. 43-370 **59.95**

(3) **NEW!** ClearFone™. This "high-tech" phone lights up when it rings—no extra wiring needed. Lighted dial, too, plus touch-redial and bell ringer on/off. For desk or wall. 43-371 **39.95**

(4) **NEW!** Accord™. A classy pastel blue accent combines with compact styling and top-quality construction. Ideal for a desk. With ringer hi/lo/off control. 43-800 **29.95**

(5) **NEW!** Geo™. Smooth, low-profile, geometric design plus most-wanted features: hold button, hold indicator, convenient touch-redial and a hi/lo ringer control. 43-801 **31.95**

(6) **NEW!** President™ II. Bold styling, executive features! Hold button with LED reminder, "flash" button for use with services like Call Waiting, even a mute button—no need to cover the mike with your hand. Touch-redial, hi/lo/off ringer control. 43-803 **59.95**

(7) **Constellation™**. Futuristic, it blends nicely with the most modern of home and office decor. Hold button with LED on-hold reminder. Touch-redial, hi/lo ringer. 43-358 **44.95**

(8) **Mayfair™**. An attractive complement to contemporary home and office furnishings. Features hold button with LED reminder, touch-redial and hi/lo ringer. 43-350 **39.95**

(9) **Radio Shack ET-183**. Touch-redial, mute button, ringer hi/lo/off. 43-363 **39.95**



Phones Specially Designed for Easy Operation by Folks With Special Needs



(1) **Radio Shack ET-202**. Extra-large, easy-to-read buttons arranged in two rows. Touch-redial, ringer hi/lo/off. Desk/wall mount. 43-345 **39.95**

(2) **Radio Shack ET-204**. Amplified handset with on-handset volume control. Big dialing buttons plus easy speed-dialing of up to 20 numbers from memory. Memory index card. LDT button temporarily activates tone dialing while in the pulse mode—lets you use "tone" services on a rotary-dial line. Redial calls last number dialed if it was busy or did not answer. Ringer hi/lo/off control. Desk/wall mount. 43-349 **59.95**

(3) **Radio Shack ET-276 TrimFone®**. Amplified handset with on-handset volume control, lighted keypad, touch-redial of the last number called if it was busy/no answer, bell ringer on/off. Desk/wall mount. 43-579 **49.95**

(4) **Radio Shack ET-203**. Amplified handset, big buttons, hold button with LED reminder. Touch-redial, ringer hi/lo/off. Desk/wall mount. 43-338 **49.95**

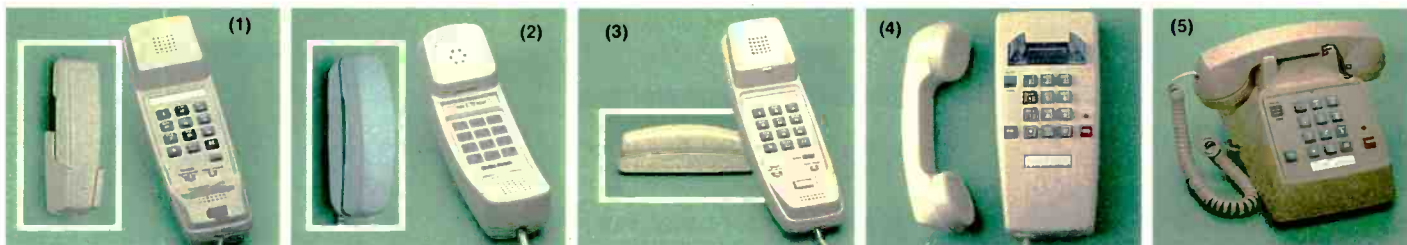
(5) **NEW! Radio Shack ET-178**. Amplified handset in easy-to-hold "K" style, big buttons for easy dialing, on/off bell ringer control. 43-578 **49.95**

WHY YOU SHOULD BUY YOUR PHONES FROM RADIO SHACK

Whether for business or personal use, your phone is very important. That's why all of our telephones are designed, built and tested to assure reliability. Unlike many other brands, our extra-feature phones maintain basic operation even if external power fails—you'll never be out of touch. All models are FCC registered. And our quality-control programs, including drop tests and temperature extremes, mean you can expect years of trouble-free operation.

Radio Shack offers a wide variety of phones, many with special convenience features. Easy to use, they're ready to plug in with standard modular connectors and include illustrated instructions. All are hearing-aid compatible. All are backed by a full one-year limited warranty, with extended Tandy Service Plans available. Best of all, service and a complete line of accessories are available near you, through 7000 Radio Shack locations in the USA.

SPECIAL-FEATURE AND 2-LINE TELEPHONES



These Phones Save Space, But Don't Skimp on Quality or Features

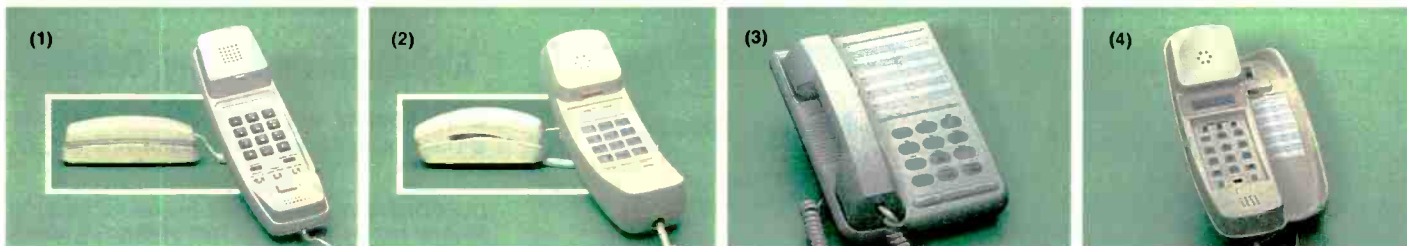
(1) **Radio Shack ET-126 MiniFone™.** One-piece design "hangs up" on any flat surface or mounts on wall with the included bracket. Features convenient touch-redial of the last number called if it was busy or did not answer and hi/lo/off ringer control. 43-500 **19.95**

(2) **Radio Shack ET-290 TrimFone®.** Lighted keypad for dialing in any level of room light. Features touch-redial and bell ringer on/off control. Desk/wall mount. White, 43-585. Almond, 43-586. Gray, 43-587 **Each 34.95**

(3) **Radio Shack ET-272 SlimFone™.** Touch-redial, ringer hi/lo/off. Desk/wall mount. With 14-ft. cord. Almond, 43-539. White, 43-540 **Each 24.95**

(4) **Mini Wall-Fone With Hold.** Place a call on hold while attending to other business. LED on-hold reminder. Touch-redial. 43-337 **39.95**

(5) **Desk Phone With Hold.** Features LED hold reminder, touch-redial and a hi/lo/off ringer control. Available in White, 43-374. Beige, 43-375. Brown, 43-376. Black, 43-377 **Each 39.95**



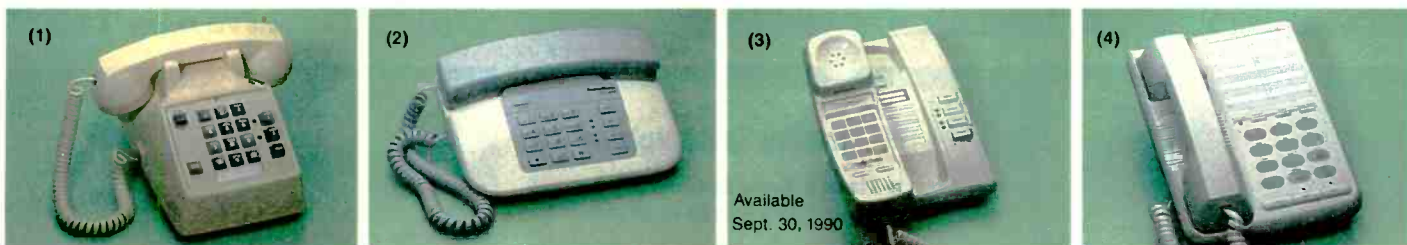
Radio Shack Gives You a Choice in Speed-Dialing Phones—Get the Style You Want

(1) **Radio Shack ET-282 SlimFone.** Speed-dials up to 20 numbers of up to 16 digits each. Redial button has pause for phone systems requiring access code. Hi/lo/off ringer control. White, 43-542. Almond 43-548 **29.95**

(2) **Radio Shack ET-292 TrimFone.** Speed-dials up to 20 phone numbers. Features lighted keypad for dialing in any level of room light. Redial/pause, bell ringer on/off. White, 43-581. Almond, 43-582 **Each 44.95**

(3) **NEW! Radio Shack ET-141.** Speed-dials 20 numbers of up to 16 digits each. Has "flash" pause/redial, battery-test/low-battery LED indicator. Requires 2 "AAA" batteries for memory backup. 43-595 **49.95**

(4) **NEW! Radio Shack ET-295 TrimFone.** Speed-dials up to 33 numbers and has three priority buttons. LCD display shows number being dialed and indicates low battery. Redial/pause. Requires 2 "AA" batteries. 43-536 **54.95**



Top-Quality Telephones for Homes or Businesses With 2-Line Service

(1) **Radio Shack ET-180 2-Line Phone.** Great choice for businesses or homes with two lines. You can place or answer calls on either line and put one or both lines on hold. Features separate, distinct ringers and ring/hold LEDs for each line. Touch-redial, ringer hi/lo/off. 43-373 **59.95**

(2) **Radio Shack ET-184 2-Line FashionFone®.** Two-line operation plus up-to-the-minute, low-profile styling. Allows you to place one or both lines on hold. You also get a "conference" button for 3-way conversations. Each line has separate ring and on-hold LEDs. Touch-redial of the last number if it was busy or did not answer, and a ringer hi/lo/off control. 43-620 **59.95**

(3) **NEW! Radio Shack ET-291 2-Line TrimFone.** With separate ringer and hold LED indicators for each line, conference feature for 3-way conversations, separate hi/lo/off ringer controls. Touch-redial. Base is for desk or wall mounting and has a handy index for important numbers. 43-621 **59.95**

(4) **NEW! Radio Shack ET-142 2-Line Phone.** Speed-dials 20 numbers of up to 16 digits each. Hold for one or both lines. LED indicators blink when line is ringing, are steady-on when line is put on hold. "Flash" for use with services like Call Waiting, battery-test/battery-low LED, pause/redial, big buttons for easy dialing. Requires 2 "AAA" batteries. 43-640 **69.95**

SWITCHABLE and PROGRAMMABLE Touch-Tone/pulse phones work on both tone and pulse lines. Therefore, in areas having only pulse (rotary dial) lines, you can still use services requiring tones, such as alternative long-distance systems and computerized services. Not for coin or party lines. We service what we sell.

RADIO SHACK—YOUR PHONE COMPANY



20-Memory Speakerphone

- One-Touch Speed-Dialing for Frequently Called Numbers

NEW! DUOFONE®-148. Privacy button allows confidential, "aside" comments. Features flash and pause for PABX and special services like Call Waiting. Redial button calls last number dialed. High/low/off ringer control. Desk or wall-mount. Memory backup system requires 2 "AAA" batteries. (TSP available) 43-612

79⁹⁵



Alphanumeric Display, Speaker

- 200-Memory Auto-Dials by Name, Not Code
- One-Touch Redial of Last Number Called

DUOFONE-203. The perfect phone for small offices or homes where the convenience of speed-dialing and up to a 200-number memory are needed. Two-way speakerphone allows hands-free family and group calls, plus convenient on-hook dialing. Alphanumeric LCD displays name, number dialed, time and functions. Auto-redial calls a number up to 10 times if busy or no answer. Features three priority number buttons for fast, one-touch dialing of frequently called or emergency numbers. Programmable Touch-Tone/pulse dialing for use on any line. Has flash button for special services like Call Waiting. Adjustable high/low/off ringer control. Desk/wall mount. Requires 2 "C" batteries. (TSP available)

43-624 . . . Low As \$15 Per Month

119⁹⁵



40-Memory, Speed-Dial

- Digital LCD for Number Dialed, Time, Alarm or Timer

DUOFONE-185. Memory redial temporarily stores a number for later redial. Handy auto redial calls a number up to 10 times if busy or no answer. Alarm clock, flash, pause. High/low/off ringer control. Desk/wall. UL listed AC adapter. Backup requires 2 "AA" batteries. (TSP available) 43-611 . . . Low As \$15 Per Month

99⁹⁵



30-Memory Speakerphone

- Three Priority Buttons
- Chain-Dials Stored Numbers

DUOFONE-183. Programmable tone/pulse dialing for using services like bank by phone. Two-way speakerphone for hands-free conversations and on-hook dialing. Flash, pause, LDT, privacy buttons. High/low/off ringer control. Desk/wall. Memory backup requires 4 "AA" batteries. (TSP available) 43-608

69⁹⁵



Lightweight Headset Telephone

DUOFONE-151. Headset with adjustable microphone is feather-light. Earpiece can be worn on either side of the head. Hold button with on-hold LED. Touch redial, flash, talk/hang-up buttons. Volume, hi/low/off ringer controls. Belt clip. (TSP available) 43-590

49⁹⁵

MULTIFEATURE TWO-LINE TELEPHONES

Available Oct. 15, 1990



Phone Systems With Built-In Intercoms

- Memory Speed-Dial Up to 20 Numbers Automatically
- Touch-Tone/Pulse Dialing Works on Any Phone Line
- Convenient One-Touch Redial ■ Desk or Wall Mount

NEW! (1) **DUOFONE System-209.** An indispensable small-business tool. Speakerphone features three-way conference calling and intercom with paging. Flash and pause for use with office PABX systems and services like Call Waiting. LED line-status indicators, hold and privacy buttons. Ringer hi/lo/off. UL listed AC adapter. Memory backup requires 9V battery. (TSP available) 43-617 Low As \$15 Per Month

EACH
119⁹⁵

(2) **DUOFONE System-208.** Perfect for small businesses or homes. FM intercom with paging works through existing lines. Flash and pause for PABX and services like Call Waiting. Line status LEDs, hold. Separate hi/lo/off ringer controls for each line. UL listed AC adapter. Memory backup requires 2 "AAA" batteries. (TSP available) 43-616 Low As \$15 Per Month

EACH
99⁹⁵



Alphanumeric LCD Speakerphone

DUOFONE-206. Stores 304 numbers by name. 30-event appointment calendar with alarm, call timer, date/time display. Eight priority buttons, Flash/pause, hold. Ringer hi/lo/off. Desk or wall. UL listed AC adapter. Memory backup requires 4 "AA" batteries. (TSP available) 43-631 Low As \$15 Per Month

199⁹⁵



190-Memory, Conference Calling

DUOFONE-196. Alphanumeric LCD speakerphone stores up to 190 names/numbers. Auto-redial, three priority numbers, last number redial, Flash/pause, hold. Ringer hi/lo/off. Tone/pulse dialing. Desk/wall. UL listed AC adapter. Requires 2 "AA" batteries. (TSP available) 43-626 Low As \$15 Per Month

149⁹⁵



Conference/Speakerphone

- Speed-Dials 33 Numbers
- 3 Priority-Call Buttons
- Line Status Indicators

DUOFONE-210. Add up to five extensions for real versatility. Has conference for 3-party calling. Last number redial, Flash/pause, hold button. Ringer hi/lo/off. Tone/pulse dialing. Desk or wall. UL listed AC adapter. Memory backup requires 2 "AA" batteries. (TSP available) 43-615 Low As \$15 Per Month

EACH
99⁹⁵

ALL OF OUR PHONES ARE FCC REGISTERED / EVERY RADIO SHACK LOCATION IS A SERVICE DROP-OFF/PICK UP STATION

FEATURE-PACKED 4-LINE TELEPHONES



With Easy Plug-In Installation for Intercom, Speed-Dialing, Speaker

- Built-In 2-Way Intercom—No Additional Wiring
- Call Any Station or Page All With Built-In Speakers
- Hold Button ■ LED Status Indicator for Each Line
- Speakerphone Allows Convenient On-Hook Dialing, Redialing and Hands-Free Conversations
- Centrex/PABX Compatible ■ For Desk or Wall

DUOFONE® System 412. This versatile system handles up to four phone lines and easily expands to ten stations. LEDs tell you at a glance which lines are free, in use, ringing or on hold. Use the intercom to call an individual station or page through the built-in speakers of all stations. Line-lock button keeps conversations private. Do-not-disturb button temporarily disables ringer and intercom to prevent interruptions during meetings. Individual line-ringer controls at each station determine which lines ring. Easy-to-program memory stores up to 20 numbers for convenient speed-dialing. Redial button plus separate auto-redial button redials numbers up to 10 times. Flash button for use with special services like Call Waiting. Comfortable "K"-style handset with detachable cord. Programmable Touch-Tone/pulse dialing. 9½ x 7¼ x 2¾". Wall mountable. UL listed AC adapter. Memory/ringer backup requires 9V battery. (TSP available) 43-460 Low As \$15 Per Month

PER
STATION
199⁹⁵



Hold, Intercom, Paging Speaker

- Built-In 2-Way Intercom Requires No Extra Wiring
- Centrex/PABX Compatible ■ Line-Status LEDs

(1) DUOFONE System 411. Discover the economy of owning your own business phone system. Expands to 12 stations. Features individual station line-ringer controls, plus a do-not-disturb button for privacy. Flash for services like Call-Waiting. Tone/pulse dialing. Redial, aux jack for adding speaker or answerer. 9¼ x 7¼ x 2¾". For wall or desk use. UL listed AC adapter. Ringer backup requires 9V battery. (TSP available)

43-456 Low As \$15 Per Month

PER
STATION
149⁹⁵

With Line-Status LEDs, Hold

- Plug In to Install—Needs No External Controller
- Switchable Tone/Pulse Dialing Works on Any Line

(2) DUOFONE 406. Handles up to four phone lines and expandable to 12 stations. Hold works on all lines and LEDs indicate which lines are free, in use, ringing and on hold. Has last-number redial, flash for use with services like Call Waiting. Centrex/PABX compatible. Aux jack for adding speakerphone or answering machine. 9¼ x 7¼ x 2¾". Wall mountable. UL listed AC adapter. Ringer backup requires 9V battery. (TSP available)

43-453 Low As \$15 Per Month

PER
EXTENSION
119⁹⁵

ADD-ONS FOR PHONING CONVENIENCE



Data Bank Pocket Tone Auto-Dialer

- Stores 120 Numbers, Names or Memos to 32 Characters Each
- Security Lock Stops Unauthorized Use

NEW! Dials for you accurately and automatically when held to the mouthpiece of nearly any phone. Alpha-numeric LCD shows name, the number being dialed, time and date. Speed-dials with the touch of one button. Eight programmable alarms remind you of appointments. Built-in calculator, timer and search functions. Auto power off. $4\frac{1}{8} \times 2\frac{3}{8} \times 1\frac{1}{2}$ ". With CR3032 battery. (TSP available) 43-144

59⁹⁵



Hi-Capacity, Desktop-Style Dialer

- Add Speed-Dialing to Your Phone or Fax Machine
- Memory Stores Up to 104 Numbers, 32 Digits Each

DUOFONE®-121. Easy to install—just plug in. Four priority keys for often-called or emergency numbers, index, pause key, LED battery and dialing indicators. Tone/pulse dialing works on any line. $1\frac{1}{8} \times 5\frac{7}{8} \times 4\frac{3}{4}$ ". Requires 2 "AA" batteries. (TSP available) 43-300

39⁹⁵



Pocket Dialers

(1) Tone dialer accesses alternative long-distance and special services. 30-memory plus three priority buttons. $4\frac{3}{8} \times 2\frac{5}{8} \times \frac{5}{16}$ ". Requires 3 "AAA" batteries. 43-141 **24.95**

(2) Tone dialer for beep-erless answers plus tone-activated answering, dictation and autopatch. $3\frac{3}{4} \times 2\frac{1}{4} \times \frac{5}{16}$ ". Requires 3 "AAA" batteries. 43-139 **15.95**



Hands-Free Speakerphone

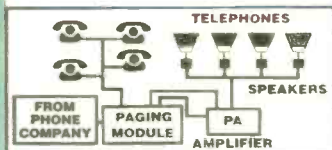
- Built-In Amplifier
- No Extra Wiring Needed

DUOFONE-102. Automatic sensitivity adjustment, high-speed talk/listen switching, privacy button. $2 \times 6\frac{3}{4} \times \frac{3}{4}$ ". Phone-line powered. Jack for AC adapter (#273-1455, extra) for use on low-current telephone lines. (TSP available) 43-292

39⁹⁵



Add Paging to Any Telephone System



Connects Tone Phone to a PA System

DUOFONE Paging Module. Easy to install, simple to operate. Connect to PA amp, lift handset, press * key to page. Or press # key to put caller on hold and page. UL listed AC adapter. (TSP available) 43-183

59⁹⁵



Low-Priced Add-On Speakerphone

Hands-Free 2-Way Telephone Conversations

Boost office efficiency or enjoy "family" calls. Has volume control, sensitivity adjustment, privacy pushbutton to temporarily disable mike for "in-the-room" conversations. 5-foot cord with modular plug. $3\frac{1}{2} \times 6 \times 3\frac{1}{8}$ ". Phone line powered. 43-278

24⁹⁵

GO CORDLESS! GO WITH A DUÖFONE®



Deluxe With Speakerphone Base, 2-Way Intercom and 30-Memory Speed-Dialing

- Two Phones in One! Make and Take Calls Using the Handset or Speakerphone Base

DUÖFONE ET-435. The ultimate in convenience! Use intercom from base or handset to call and talk to other unit. If you use intercom during a call, the call is put on hold. Separate 2-way paging "beeps" base or handset from other location. All 10 cordless phone channels are built in. Just press a button on handset, even during a call, to change channel for clearest sound. Both handset and base have flash, privacy, redial, volume and hi/lo/off ringer controls. Auto-load 640,000-combination security code. Programmable Touch-Tone/pulse dialing. UL listed AC adapter. (TSP available) 43-563 Low As \$15 Per Month

149⁹⁵

DUÖFONE ET-430. All features listed except speakerphone and intercom. A page button on base lets you "beep" the handset. UL listed AC. (TSP available) 43-562 Low As \$15 Per Month

129⁹⁵



Remote-Base Phone— Place Where You Need It

- No Cord Between Wall and Phone
- Ideal for Coffee Table or Patio

DUÖFONE ET-385. The cordless phone with a big difference—there's no cord between the wall and the phone's cradle. Put it on desk or table, mount it on the wall, or place it wherever you please. Easily moves with you wherever you need it. There's no need for recharging because the cradle uses ordinary flashlight batteries. Features include flash button for services like Call Waiting, touch-redial of last number called, hi/lo ringer control and preset security system. Switchable Touch-Tone/pulse dialing. Wall unit has a UL listed AC adapter and is easy to install wherever you have a modular jack and AC outlet. Requires 3 "C" batteries. (TSP available) 43-570, Low As \$15 Per Month

99⁹⁵

Carrying Case



Hooks on Belt Loop

Keep your phone at your side! Protects and provides convenient hands-free carrying for most handsets. Soft vinyl.

43-190 **5⁴⁰**

Flexible Antenna



Installs in Just Seconds

Replaces inconvenient or broken telescoping antennas on most cordless handsets—no need to remove your existing antenna.

43-189 **5⁴⁰**

DUÖFONE Talk Really Gets Around With a Cordless in the Home or Office

Radio Shack's exclusive DUÖFONE cordless phones are built to the same high standards as our corded phones. Each model must pass tough quality-control tests including environmental extremes, drop survival and "real world" field testing. From our first cordless in 1979, we have led the way in bringing you

innovative features at affordable prices. Each has a built-in security system. Each handset has user-replaceable batteries. All feature wall-mountable bases, are FCC registered and deliver full legal talk-power for maximum range. And every one of our 7000 locations is a service drop-off and pickup point.

OUR FAMOUS "QUALITY-TESTED" BRAND



Our Lowest Priced

- Base-to-Handset Paging
- One-Touch Redial

NEW! DUÖFONE ET-394. Even this budget-priced cordless is packed with value. Auto-load security code prevents other phones from using your line. Hearing-aid compatible. Battery-charge LED. Desk/wall. Touch-Tone/pulse dialing. UL listed AC adapter. (TSP available) 43-554

79⁹⁵



Two Lines, Speed-Dialing and Hold

- The Perfect Phone for a 2-Line Home or Business

DUÖFONE ET-422. Make or take calls on either line and put either or both on hold. Has 30-number speed-dialing. Built-in amplifier with volume control boosts caller's voice. Flash, redial, privacy and LDT. LED indicators for ringing, in-use and hold. Touch-Tone/pulse dialing. UL listed AC. Was \$159.95 in 1990 Catalog. (TSP available) 43-560

NEW LOW PRICE!
149⁹⁵



Speed-Dialing

- Memory Stores 10 Numbers
- Base-to-Handset Paging

NEW! DUÖFONE ET-414. True telephoning convenience! Auto-load security code prevents other phones from using your line. Flash, touch-redial and privacy button. Hearing-aid compatible. Desk/wall. Touch-Tone/pulse dialing. UL listed AC adapter. (TSP available) 43-559

109⁹⁵

Low As \$15 Per Month



Handy 30-Memory Speed-Dialing

- Automatic 64,000-Combination Security Code

DUÖFONE ET-421. Easy-to-program 30-number memory, including three separate keys for one-touch dialing of priority numbers. Security code resets automatically each time handset is returned to base. Flash, redial, LDT and privacy buttons. Touch-Tone/pulse dialing. UL listed AC. (TSP available) 43-558

119⁹⁵



Priority Dialing

- Three Priority Buttons
- Built-In Security Code

DUÖFONE ET-396. One-touch dialing of three important numbers—excellent for storing emergency numbers. Built-in 64,000 combination auto-set security code. Flash, LDT and privacy buttons. Touch-redial. Touch-Tone/pulse dialing. UL listed AC adapter. (TSP avail.) 43-557

99⁹⁵

Low As \$15 Per Month

DUÖFONE® ANSWERERS GET THE MESSAGE



(1)



(2)

Selectable Digital Voice Announcement

- Digital Voice Chip Delivers Built-In Announcement In Switch-Selectable Male or Female Voice

(1) **DUÖFONE TAD-241.** No need to record your own outgoing announcement. Records sixty 30-second incoming messages on standard cassette. Cue/review, Call-monitor. 1⁷/₈ x 7¹/₈ x 4¹/₄". (TSP available) 43-393 **59⁹⁵**

Microprocessor Control & Dual Cassettes

- Microprocessor and Soft-Touch Controls Handle Functions Quickly and Smoothly

(2) **DUÖFONE TAD-410.** Records your outgoing message of any length. Selectable 3-sec./3-min. maximum incoming message length. Voice actuation (VOX) and Calling Party Control (CPC) help conserve tape space. You also get remote turn-on, announce-only, auto-reset, cue/review and call-monitor. 2¹/₄ x 9 x 7³/₄". (TSP available) 43-398 **79⁹⁵**



Beeperless Remote, Microprocessor And Dual Cassettes

- Check Your Messages and Reset From Any Touch-Tone Phone
- Toll-Saver Indicates if There Are Any New Messages

DUÖFONE TAD-412. Remote message retrieval, selectable security code. VOX, CPC and announce-only mode. Auto-reset, remote turn-on, memo recording. **99⁹⁵**
2¹/₄ x 9 x 7³/₄". (TSP avail.) 43-399 Low As \$15 Per Month



Full-Function Touch-Tone Remote, Security Code And Dual Cassettes

- Control All Major Functions, Even Change Outgoing Message, From Any Touch-Tone Phone
- Call-Monitor ■ Announce-Only

DUÖFONE TAD-325. Beeperless. Room monitor to listen in on room answerer is in! Programmable security code. Toll-saver, variable message length. 2¹/₄ x 10 x 8". (TSP available) **119⁹⁵**
43-396 Low As \$15 Per Month



Available Oct. 15, 1990

Two Lines and Beeperless Remote

- Does the Work of Two Phone Answerers
- Dual Cassettes ■ Security Code ■ Toll-Saver

NEW! **DUÖFONE TAD-430.** Answers two separate lines. If both lines ring, the first caller is greeted by your personal message, the second by a digital voice announcement. Call monitor, auto-reset, remote turn-on, room monitor. 2 x 9¹/₄ x 8¹/₂". (TSP available) 43-712 Low As \$15 Per Month **129⁹⁵**

DUÖFONE Is the Answer to Your Missed Messages

Exclusively at Radio Shack, DUÖFONE answerers provide the features you need plus "extras" other ordinary brands don't give you. Everything you need to deliver and receive messages clearly every time is built in. Tape jam and break sensor keeps phone line free by turning off the answerer if a tape ever malfunctions. Power-Interrupt protection preserves messages and operational mode during brief power failures—returns to last setting when power is restored. Built-in electrical spike protection exceeds FCC requirements. All are FCC registered.

Most models feature dual cassettes to make it easy to change announcements and store received messages. All beeperless remote answerers have Toll-saver to indicate if there are any new messages—saves you money on possible long-distance charges. Our Quality Assurance programs include drop tests, extreme heat/cold environmental tests and simulations of 10 years of operation—that means you get trouble-free use. DUÖFONE answerers also feature "Instant" modular installation and clear, illustrated instructions for operation.

DUÖFONE ANSWERERS ARE CERTIFIED TO UL STANDARDS FOR AC OPERATION

WE ARE ANSWERING AMERICA'S CALLSSM



Beeperless Remote, Time/Date Stamp And Digital Voice Prompts

- Beeperless Remote Controls All Major Functions From Any Touch-Tone Phone or With Pocket Dialer
- Digital Voice Gives Helpful Operating Prompts
- Announces Number of Calls Received and Messages Left Plus Time/Date of Each Message

DUÖFONE TAD-440 Answerer. "Stamps" time and date on each incoming message. Features include variable outgoing message length, immediate/delay answer, Toll-saver, 30-sec./3-min. maximum incoming message length. Auto-reset stops answer when a phone is picked up. Security code, announce-only, 2-way recording, remote turn-on, room monitor, VOX, CPC, Call-monitor. 2 1/4 x 9 x 7 3/4". Memory backup requires 9V battery. (TSP available) **43-400 Low As \$15 Per Month** **139⁹⁵**



Microcassette Answerer/Telephone

- Beeperless Remote Operation From Any Touch-Tone Phone
- Security Code ■ Wall Mountable
- VOX ■ Memo/2-Way Recording

NEW! **DUÖFONE TAD-247.** Call-monitor, message counter and tape-full message. 20-number speed-dialing, with three priority numbers for 1-touch dialing of emergency calls. Redial, pause, flash, ringer on/off. Tone/pulse dialing. 3 1/2 x 5 1/4 x 9". With 357A battery for memory backup. (TSP available) **99⁹⁵**
43-385 Low As \$15 Per Month

Available, Sept. 30, 1990



Dual Microcassette Answerer/Speakerphone

- Beeperless Remote Operation
- Remote Room-Monitor ■ Toll-Saver
- 2-Way Recording ■ Call-Monitor

DUÖFONE TAD-252. Full-function touch-tone remote, built-in speakerphone for 2-way hands-free conversations and 20-number speed-dialing with three 1-touch priority numbers. Redial/pause, privacy and flash buttons. Tone/pulse dialing. 3 1/4 x 7 1/2 x 9 1/4". Includes CR2032 battery for memory backup. (TSP available) **179⁹⁵**
43-395 Low As \$15 Per Month

Get Your Message Across Clearly With Our Tapes and Accessories



Say It "Your Way" With a Customized Announcement Tape

- Ten Selections Each
- Use With Most Answerers

Comedy Edition Vol. I. Hilarious impersonations of Groucho Marks, W.C. Fields, others. **43-416 . . . 5.95**

Rich Little Vol. I. The famous impersonator answers as Bogart, John Wayne, others. **43-419 5.95**

Rich Little Edition Vol. II. Frank Sinatra, Jack Nicholson, Howard Cosell, more. **43-420 5.95**

Julie Dees Comedy Edition. Impressions of Elizabeth Taylor, Marilyn Monroe, others. **43-421 5.95**

Professional Edition. Messages for various situations and occasions—ideal for growing businesses and the home office. **43-422 5.95**



Cassette Phone Answerer Demagnetizer/Cleaner

Kit keeps outgoing/incoming messages crisp and clear. With demagnetizer cassette, probe, mirror, solution.

44-1167 5.95



Microcassette Answerer Cleaner Kit

Includes everything you need—cleaner, probe, mirror and solution.

44-1168 5.99



Quality Announcement and Message Tapes

Size	Type	Recording Time	Cat. No.	Each
Cassette	Ann., Endless Loop	15 Seconds	43-403	4.95
Cassette	Ann., Endless Loop	20 Seconds	43-401	4.95
Cassette	Ann., Endless Loop	30 Seconds	43-402	4.95
Cassette	Ann., Endless Loop	60 Seconds	43-406	4.95
Cassette	Ann., Endless Loop	3 Minutes	43-407	4.95
NEW! Cassette*	Ann., Endless Loop	30 Seconds	43-414	5.95
Cassette	Ann., Leaderless	30 Sec./Side	43-435	2.29
Cassette	Ann., Leaderless	1 1/2 Min./Side	43-436	2.29
Cassette	Ann., Leaderless	2 1/2 Min./Side	43-437	2.29
Cassette	Ann., Leaderless	5 Min./Side	43-439	2.29
NEW! Micro	Ann./Message	15 Min./Side	43-412	3.59
Micro	Announcement	7 1/2 Min./Side	43-409	3.49
Cassette	Message, Leaderless	30 Min./Side	43-410	2.39
Cassette	Message, Leaderless	45 Min./Side	43-411	2.49

*For Phone-Mate® brand answerers only.

KEEP MEMORIES ALIVE ON VIDEOTAPE

Sensational Videos Are "Automatic" With This Full-Size VHS Camcorder

- Auto Focus, Iris & White Balance ■ 8x Power Zoom
- 2-Lux Low-Light Sensitivity ■ Flying Erase Head

NEW! Realistic Model 102 MovieCorder®. Enjoy point-and-shoot convenience plus special extras—even a video light for spectacular pictures indoors. You get a variable high-speed shutter for blur-free action shots and $\frac{1}{2}$ " CCD image sensor for excellent resolution, even in candlelight. The 8-1 power zoom lens with macrofocus captures wide-angle/telephoto shots and close-ups to just $\frac{3}{8}$ " away! You can shoot and edit "seamlessly" with the flying erase head, fade audio and video smoothly in and out, combine audio sources on tape with mike mixing, even add titles with the built-in character generator. Includes time lapse, one-shot recording, positive/negative image and self-timer. Real-time tape counter, time/date "stamp", index recording/playback, edit-search, instant review, high-speed forward/reverse visual search, still-frame. Direct A/V inputs. HQ. Lens: f1.4, 8.7-70 mm zoom with macro. Shutter speeds: $\frac{1}{500}$, $\frac{1}{1000}$ sec. Tape speed: SP. Size: $8\frac{1}{8}$ x $4\frac{7}{8}$ x $14\frac{1}{2}$ ". Weight: 4.9 lbs. without battery. UL listed AC adapter/charger. (TSP available) **899⁰⁰**

Accessories Available on Special Order (CMC): Extended-life battery pack, 12VDC cord, replacement bulb for video light, wide-angle conversion lens.



Video Light Included!

Hardcase, Extra-Capacity Battery, AC Adapter/Charger, A/V Output Cable, And RF Converter Included

You Can Always Get Close to the Action With Our VHS Camcorder With Dramatic 12x Zoom

- Automatic Focus ■ 2-Lux Low-Light Sensitivity
- Flying Erase Head ■ Audio/Video Insert Editing

NEW! Realistic™ Model 126 MovieCorder. Shoot and edit like a Hollywood "pro". The 12-1 power continuous zoom lens with macrofocus features variable zoom speed of 6-20 seconds for incredibly smooth, uninterrupted transitions from wide-angle shots to tight, dramatic close-ups. You get convenient auto focus, iris and white balance, an automatic high-speed shutter variable to $\frac{1}{2000}$ second for superb clarity on fast-action shots, and a $\frac{1}{2}$ " CCD image sensor for superior low-light resolution—two lux in gain-up mode. The flying erase head ensures glitch-free cuts between scenes. With audio/video insert editing, you can dub sound or video images from external sources. Also includes audio/video fade-in/fade-out and self-timer control. Has digital tape counter, time/date "stamp", instant review, high-speed forward/reverse visual search and still-frame button. HQ circuitry enhances picture. Lens: f1.6, 8.0-96 mm zoom with macro. Shutter speeds: $\frac{1}{500}$, $\frac{1}{1000}$, $\frac{1}{2000}$ sec. Tape speed: SP. Size: $9\frac{3}{8}$ x $5\frac{7}{8}$ x $16\frac{3}{8}$ ". Weight: 6.2 lbs. without battery. UL listed AC adapter/charger. (TSP available) **999⁰⁰**

Accessories Available on Special Order (CMC): Extended-life battery pack, 12VDC cord, A/V input cable, remote pause control.



Includes Softcase, Rechargeable Battery, AC Adapter/Charger, A/V Output Cable And RF Converter

INCREASE YOUR BUYING POWER! APPLY FOR YOUR RADIO SHACK VALUEPLUS® CREDIT CARD TODAY

FEATURE-PACKED 8mm MOVIECORDER®

VIDEO/TV — CAMCORDERS

So Small and Light You Can Easily Carry It Anywhere!

- Hi-Fi Sound Recording ■ 8x Power Zoom Lens
- 3-Lux Low-Light Sensitivity ■ Flying Erase Head

NEW! Realistic® Model 152 Movie-Corder. The little camcorder with big features! You get Audio Frequency Modulation recording for sensational hi-fi monaural sound, plus a 1/2" CCD image sensor and high-speed shutter for superb low-light resolution and picture clarity. Auto focus, iris and white balance make taping easy. You also get an 8-1 power zoom lens with automatic macrofocus, a flying erase head, audio/video fade-in/out and a 5-color character generator. With real-time tape counter, time/date function, edit-search, instant review, high-speed forward/reverse visual search and still-frame button. Automatic tracking. Lens: f 1.6, 8.5-68 mm zoom with macro. Shutter speed: 1/4000 sec. Tape speed: SP. Size: 6 x 4 5/8 x 11 7/8". Weight: 2.5 lbs. without battery. UL listed AC adapter/charger. (TSP avail.) 16-853

89900

Low As \$30 Per Month
12VDC Power Cord. Available on special order (CMC).



Includes Softcase, Rechargeable Battery, AC Adapter & Charger, A/V Output Cable And RF Converter

Get More From Your Camcorder With These Performance-Boosting Accessories

Lightweight Fluid-Head Tripod



- Adjustable Tilt & Pan Tension
- Geared Column

NEW! Just 4 1/4 lbs., yet super-sturdy to give movies a steady, professional look. Two-way fluid head. 61" extended, 24" collapsed. 16-2009 **89⁹⁵**

Cleaner/Care Kit



- For Lens and Exterior

Blower brush, cleaning fluid, nine cotton swabs, tissue and chamois cloth. 16-2004 **4⁹⁵**

Deluxe Hardcase



- Extra Protection

Heavy foam padding, adjustable dividers, key lock. Exterior 13 x 18 1/4 x 6 3/4". 16-2003 **79⁹⁵**

15-Watt Video Light

- Compact! Weighs Just 10 Ounces



NEW! Delivers up to 20 minutes of bright halogen light per charge. Includes rechargeable Ni-Cd battery pack and UL listed AC charger. 16-2010 **79⁹⁵**

Telephoto Lens



- For Superior Long-Range Shots

1.5X power. Boosts normal focal range for close-in shots from a distance. 16-2006 **79⁹⁵**

Dual Accessory Mount



NEW!

Allows use of two accessories from one accessory shoe. 16-2007 **4⁹⁵**

Accessory Softcase



- Lightweight Yet Rugged And Roomy

Shock-absorbing interior walls, adjustable dividers, side pocket, tripod straps, hand/shoulder straps. 16-2005 **49⁹⁵**

FM Wireless Mike



For clear audio up to 200 feet away. Receiver plugs into camcorder mike jack. Requires 2 9V batteries. 32-1226 **69⁹⁵**

Super-Unidirectional Mike



NEW! Dramatically improves sound, even in noisy environments. Has "tele/normal" sensitivity switch for better long/close-range audio. With wind screen. 16-2008 **69⁹⁵**

Rechargeable Batteries



VHS. Fits Realistic Model 100 Movie-Corder and other popular brands.
23-183 **49.95**
8mm. For Realistic Models 151 and 152, plus other popular brands.
23-184 **24.95**

Extra-Capacity Battery



- Longer Lasting

NEW! Saves you time and money, gives you extra running time from your camcorder on a single charge. For Realistic Models 101 and 125, other popular brands. 9.6V, 1500mAh. 23-186 **39⁹⁵**

FOR PICTURE-PERFECT RECORDINGS USE RADIO SHACK SUPERTAPE® BRAND—SEE PAGE 103

STEREO VCRs—TOTAL ENTERTAINMENT!



VHS Hi-Fi, 4-Head Effects

- Four-Head, Double-Azimuth Design for Improved Video and Special Effects
- On-Screen Programming ■ Comb Filter

Realistic® Model 46. The VCR with it all. Four-head, double-azimuth system provides clearer video special effects. VHS Hi-Fi delivers the ultimate in VCR audio on prerecorded movies. Receives stereo TV broadcasts and SAP where available. Has comb filter and HQ for improved picture. The 169-channel cable-compatible tuner stores active channels automatically. Use the 46-key remote to program the 1-year/8-event daily/weekly timer, control tape functions, even adjust tracking and select audio modes. Quick-timer recording. A/V input selector. $3\frac{1}{4} \times 16\frac{7}{8} \times 13\frac{5}{8}$ " UL listed AC. Remote requires 2 "AAA" batteries. Was \$599.95 in 1990 catalog. (TSP available)

NEW LOW PRICE!
16-616 . . Low As \$20 Per Month **499⁹⁵**



VHS Hi-Fi and Stereo TV

- Quick-Response Tape Functions ■ HQ
- Easy On-Screen Timer Programming
- Auto Channel Preset ■ 39-Key Remote

NEW! Realistic Model 47. Start enjoying the sound you've been missing—the Hi-Fi soundtrack on prerecorded movies, stereo-TV broadcasts and SAP (special audio program) where available. On-screen prompts make it very easy to program the 1-year/6-event daily/weekly timer. You get a comb filter and HQ system for improved video. Remote lets you control major functions and even adjust tracking. The 122-channel cable-compatible tuner stores active channels automatically. Quick-timer recording. $3\frac{1}{8} \times 16\frac{9}{16} \times 13\frac{15}{16}$ " UL listed AC. Remote requires 2 "AAA" batteries. (TSP available)

16-617 . . Low As \$20 Per Month **449⁹⁵**



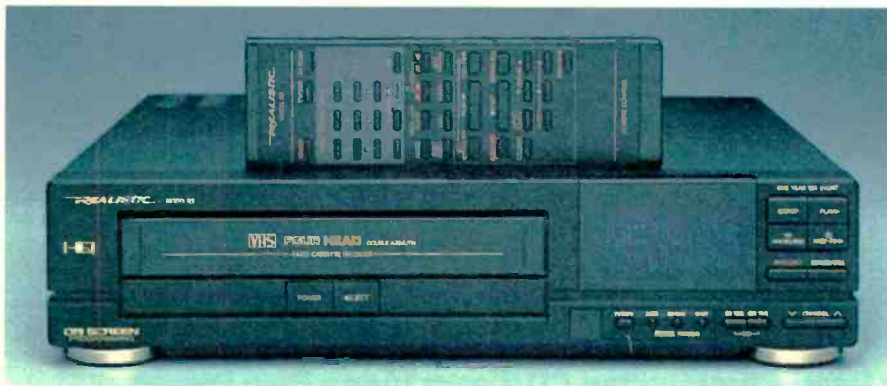
VHS Stereo With Dolby™ NR

- Remote-Control On-Screen Programming
- Receives Stereo-TV Broadcasts and SAP
- 111-Channel Cable-Compatible Tuner

Realistic Model 34. Outstanding value from our Movie Shack™. Just connect this VCR to your stereo system to hear—and record—broadcast stereo-TV sound or SAP audio where available. An on-screen display makes it easy to program the 14-day/6-event timer by remote control. You also get handy remote-control quick-timer recording to start a timed recording immediately. Has HQ system for an enhanced picture, convenient automatic play, rewind and shutoff and A/V input selector. $3\frac{3}{4} \times 16\frac{3}{4} \times 12\frac{1}{2}$ " UL listed AC. Remote requires 2 "AA" batteries. Was \$449.95 in 1990 Catalog. (TSP available)

NEW LOW PRICE!
16-704 . . Low As \$20 Per Month **419⁹⁵**

EASY-TO-USE REMOTE-CONTROL VCRs



Double-Azimuth, 4-Head Design

- Four-Head, Double-Azimuth System for Superior Video and Special Effects
- Quick Response ■ On-Screen Displays

NEW! Realistic Model 83. Easy remote programming, fast response to tape commands, 4-head/double-azimuth design for clearer video effects. The 179-channel cable-compatible tuner stores channels automatically. The 38-key remote has all major functions plus tracking control, A/V input selection and quick-timer. HQ system and comb filter. 1-year/6-event daily/weekly timer. 3³/₁₆ x 14³/₁₆ x 13³/₁₆". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 16-521 . . Low As \$15 Per Month **399⁹⁵**



On-Screen Display, Fast-Response

- On-Screen Prompts for Easy Programming
- 179-Channel Cable-Compatible Tuner

NEW! Realistic Model 82. The convenience of on-screen programming is combined with faster response to tape commands, plus HQ and comb filter for improved video. Use the remote to program the 1-year/6-event daily/weekly timer, control tape functions, scan or tune channels directly and even adjust tracking. The cable-compatible tuner stores active channels automatically. 3³/₁₆ x 14³/₁₆ x 13³/₁₆". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 16-520 . . Low As \$15 Per Month **319⁹⁵**



On-Screen Programming Display

- Wireless Remote ■ Quick-Timer
- 111-Channel Cable-Compatible Tuner

Realistic Model 21. Features include HQ system for improved video performance and prompts displayed on-screen. It's easy to program the 14-day/6-event daily/weekly timer from across the room. You also get quick-timer feature to start a timed recording immediately and an A/V input selector. 4 x 16³/₄ x 12¹/₂". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 16-510 Low As \$15 Per Month **349⁹⁵**



Quick-Timer Recording and HQ

- 111-Channel Cable-Compatible Tuner
- 7-Day/2-Event Daily/Weekly Timer

NEW! Realistic Model 81. A top performer with all the basic features and the convenience of wireless remote. Quick-timer feature lets you begin a timed recording instantly. HQ system provides extra picture details. The 21-key remote lets you command all tape functions, select TV/VCR viewing, tune directly to channels or scan up/down. 3³/₁₆ x 14³/₁₆ x 12³/₁₆". UL listed AC. Remote requires 2 "AA" batteries. (TSP avail.) 16-519 . . Low As \$15 Per Month **249⁹⁵**

MULTI-TALENTED HOME ENTERTAINERS



Home Audio/Video at Its Best! Combination CD/Laser Video Disc Player

NEW! Realistic® MD-1000 MultiDisc Player. Compact disc quality comes to video! You get razor-sharp, color-rich, high-density pictures that only a laser can deliver, plus sensational digital sound from a huge library of movies and other programming available on laser disc. Broadcast-quality clarity and low video noise yield a stunning high-contrast picture *unmatched by any other format!* Plays both 8" and 12" video discs, CDVs (standard-size CD with up to five minutes of video followed by up to 20 minutes of audio only), plus standard CDs and 3" CD "singles" with the same spectacular

digital audio you get from a CD-only player! And laser-read discs won't deteriorate, even after 100s of plays. Features fully automatic operation, a multifunction wireless remote and a digital fluorescent display with music calendar. Includes programming, search, intro scan, random play, repeat and still-frame functions. 4-times oversampling. RF and direct audio/video outputs for easy hookup to any TV or monitor, 1/4" headphone jack with volume control. 4 3/4 x 16 7/8 x 15 1/2". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available)

16-302 Low As \$20 Per Month **499⁹⁵**



9" Color TV/VHS Player Combo Plays on Home AC or Vehicle DC

- Remote Control of Major TV and Tape Functions
- Compact and Easy to Carry With On-Top Handle
- Automatic Videotape Play, Rewind, Stop, Eject
- 111-Channel TV Tuner With 16 Memory Presets
- Earphone Jack ■ Includes AC and DC Cords

NEW! Realistic® Model 11. The compact combo you can enjoy almost anywhere. It's easy to carry room-to-room and perfectly sized for a college dorm, sales presentations or travel. Great for entertaining passengers during trips—the included DC cord lets you power it from the lighter socket of a vehicle or boat. It's easy to use—just insert a tape for automatic play, rewind, stop and eject. Wireless remote controls all major TV and tape functions. On-set features include pushbutton up/down volume and tuning controls, LED channel/function display, 3" speaker and 1/8" earphone jack. Detachable VHF and UHF antennas. 13 1/8 x 12 3/8 x 12 15/16". UL listed AC. Remote requires 2 "AA" batteries. (TSP available) 16-404 Low As \$20 Per Month **499⁹⁵**



Home/Mobile Video Cassette Player

- Carry it Room-to-Room and Take it When You Travel
- Connects to Any TV With Included Cord ■ A/V Outputs
- Easy to Use ■ Includes AC and DC Power Cords

Realistic Model 12. Watch your favorite VHS tapes at home, in your car, RV or boat. This compact player is ideal for bedroom, office, college dorm and travel. The included DC cord has two outputs so you can conveniently connect a DC-powered TV, too. Just insert a tape for automatic play, rewind and shutoff—or select automatic rewind and replay. Connects to any TV with included cord and has A/V outputs for hookup to a TV monitor or VCR. 4 7/8 x 11 3/8 x 13 3/8". UL listed AC or 12VDC neg. gnd. (TSP available)

16-405 Low As \$15 Per Month **219⁹⁵**

PROTECT YOUR VIDEO INVESTMENT WITH A TANDY SERVICE PLAN—SEE PAGE 93

REALISTIC® TV-QUALITY YOU CAN SEE



Stereo/Remote 20" Color TV/Monitor

Realistic TC-1003. Super performer! High-contrast flat/square screen, comb filter for improved picture, stereo-TV decoder with SAP, stereo amplifier, terminals for external speakers, A/V in/out, 1/8" stereo headphone jack. You also get on-screen channel/clock/timer display, on/off and sleep timers, 27-key remote, flashback, 155-channel cable-compatible tuner. With detachable antennas. 18 3/4" x 24 3/4" x 18 1/4". UL listed AC. Remote requires 2 "AA" batteries. Was \$499.95 in 1990 Cat. (TSP available) 16-253 **NEW LOW PRICE!** **399⁹⁵**
Low As \$15 Per Month



19" Color TV With Remote, Timer

NEW! **Realistic TC-1012.** Loaded with sophisticated features that are easy to use thanks to remote control and on-screen displays. Use the remote to turn TV on/off, set on/off or sleep timers, adjust or mute volume, scan or tune channels directly, flashback to previous channel, and store or remove channels in scan memory. 155-channel cable-compatible tuner. Earphone jack. Includes detachable antennas. 18 1/4" x 18 7/8" x 17 3/4". UL listed AC. Remote requires 2 "AAA" batteries. (TSP available) 16-262 . . . **Low As \$15 Per Month** **319⁹⁵**

Remote 13" Color TV/Monitor

Realistic TC-193. Features a sleep timer, on-screen displays, flashback, 122-channel tuner, A/V inputs, earphone jack, detachable antennas. 12 3/4" x 14 1/4" x 14 3/4". Remote requires 2 "AAA" batteries. Was \$299.95 in '90 Catalog. (TSP avail.) 16-229 **NEW LOW PRICE!** **249⁹⁵**
Low As \$15 Per Month



AC/Battery 5" Color TV/Monitor

Works as a TV set or a monitor on AC, batteries or car DC. Has carrying handle, whip antenna, jacks for A/V input, external antennas and earphone. 6 9/16" x 7 x 10 5/8". UL listed AC adapter, (or 9 "D" batteries or our #270-1534A DC cord, extra). (TSP available) 16-108 **319⁹⁵**
Low As \$15 Per Month



4 1/2" B&W TV/AM/FM Stereo Cassette

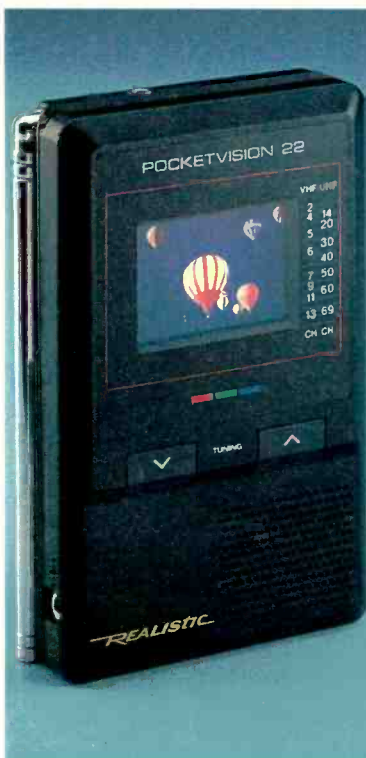
- Auto-Level for Perfect-Volume Audio Recordings
- Auto-Stop ■ Dual 4" Speakers ■ Stereo Jack

Realistic PortaVision®. The "everything" portable! Enjoy TV, AM and FM programs and favorite prerecorded stereo cassettes wherever you go. You can also record your own cassettes directly from TV audio, FM stereo and AM radio while you listen. Front-panel jacks let you add a monaural mike to record "live" tapes, and add stereo headphones to listen privately. Features include slide-action volume and balance control, LED FM stereo and power-on indicators, telescoping TV/FM antenna and jack for external TV/FM antenna. 6 1/4" x 17 3/4" x 5 3/4". UL listed AC (or 9 "D" batteries or DC adapter #270-1562, extra). (TSP available) 16-119 **Low As \$15 Per Month** **179⁹⁵**



TV SCREENS ON THESE TWO PAGES MEASURED DIAGONALLY / SIMULATED TV RECEPTION

NOW TAKE YOUR SHOWS ON THE ROAD



Pocket-Size 2" LCD Color TV

- Digital-Synthesized Tuning Locks in Stations for Clear Color and Sound

PocketVision®-22. Keep up with news, sports and talk shows anywhere. Direct-view 2" LCD screen and 100% solid-state circuitry provide clear viewing on the go. Up/down auto-search tunes in next available station. Rotary volume and brightness controls. Telescoping antenna, jacks for earphone and external antenna. With carry case. 5 1/8 x 3 1/4 x 1 1/4". Requires 4 "AA" batteries (or AC or DC adapter, extra). Was \$219.95 in 1990 Catalog. (TSP available) 16-159

NEW LOW PRICE!
149⁹⁵
 Low As \$15 Per Month
 AC Adapter. UL listed.
 273-1655 16.95



5" B&W TV for Home & Vehicle

NEW! Perfect for countertop, under a cabinet, in van or RV—plays on home AC or on vehicle DC with included cord. Mounts under cabinet with swivel bracket, slips out for portable use. Telescoping antenna, jacks for earphone and external antenna. 5 x 5 7/8 x 6 1/4". UL listed AC or 12VDC neg. gnd. (TSP available) 16-121

79⁹⁵



Under-Cabinet 4 1/2" B&W TV

Just right for the kitchen—reduces counter clutter for more work space. Swivels for best viewing and slips out of included bracket for portable use. Three-way power. Telescoping antenna, jack for external antenna. With earphone. 5 x 5 3/4 x 6 3/4". UL listed AC adapter (or 10 "C" batteries or DC adapter, extra). (TSP available) 16-117

89⁹⁵



2.7" Pocket LCD Color TV

- Fits in Your Hand
- A/V Input Jack for Use as Monitor for Camcorder or VCR

NEW! **PocketVision-24.** Direct-view 2.7" LCD screen, digital-synthesized tuning to lock in stations, one-touch up/down auto-search to tune next available station. Telescoping antenna, jacks for earphone and external antenna. Protective carry case. 5 7/8 x 3 3/8 x 1 1/4". Requires 4 "AA" batteries (or AC or DC adapter, extra). (TSP available) 16-161

199⁹⁵
 Low As \$15 Per Month
 AC Adapter. UL listed.
 273-1655 16.95
 A/V Input Cable. Available on special order (CMC).



7" B&W TV With AM/FM Radio

NEW! Plays on AC, vehicle DC or batteries, for viewing at home or on the go. Built-in Ni-Cd battery charging circuit. Telescoping antenna, jacks for earphone and external antenna. 7 1/4 x 7 1/4 x 8 7/8". UL listed AC adapter, 12VDC neg. gnd. (or 8 "D" batteries, extra). (TSP available) 16-243

139⁹⁵

Low As \$15 Per Month



5" B&W TV With AM/FM Radio

PortaVision®-6. Plays three ways—on AC, vehicle DC or batteries. Swivel mounting bracket, sun visor and earphone. Built-in Ni-Cd battery charging circuit. Telescoping antenna, jack for external antenna. 6 x 6 1/2 x 8 3/8". UL listed AC adapter, 12VDC neg. gnd. (or 10 "D" batteries, extra). (TSP available) 16-120

99⁹⁵

Low As \$15 Per Month

PUT TOTAL CONTROL IN YOUR GRASP

VIDEO/TV—REMOTE CONTROLS



Preprogrammed Replacement 4-in-1 Remote

- Replaces Lost and Broken Remotes
- Controls Four Components—TV, VCR, Cable & Aux
- Works With All Radio Shack Brand Equipment and Many Other Brands

NEW! Now get four times the value of a single replacement remote! With the 4-in-1, there's no complicated setup—just enter the 3-digit code for your component from the included list, and the controller instantly knows the commands. You can control up to four components in any combination—most cable boxes, many popular TVs and VCRs, plus all Realistic and Radio Shack brand equipment, including CD players, stereo and satellite systems and more! You can also control components simultaneously—adjust TV volume while controlling your VCR, or adjust TV volume and control VCR while changing channels on your cable box. The 4-in-1 is the easy way to take command of your audio/video system—get yours today! Requires 4 "AAA" batteries. (TSP available) **39⁹⁵**

15-1904 Available Sept. 30, 1990

Programmable 8-in-1 Remote Control

Works With Virtually Any Remote-Control Component

Escape the remote control jungle! Eight device categories cover the full range of audio/video equipment. You can program sequences of up to 48 steps for each of 38 command keys, and program up to 16 sequences to activate automatically on a daily, weekly or one-time-only schedule. You can also designate up to 32 favorite channels for storage in each device bank. Multifunction LCD display with time, day and date. Battery powered to prevent lost timer settings due to AC power outages. Requires 4 "AA" batteries. $8\frac{1}{4} \times 2\frac{3}{4} \times 1\frac{1}{2}$ ". (TSP avail.) **99⁹⁵**

15-1903 . . Low As \$15 Per Month



Programmable 4-in-1 Remote Control

Just Right for Smaller Audio/Video Systems

Realistic® Model 150. Ends clutter and confusion—learns and reproduces the commands of up to four separate IR remotes. Just align it with your component's existing wireless remote, press the matching buttons, and it's ready to control VCR, TV, cable box and stereo system or CD player. Nine VCR function keys, direct-entry selection keys, up/down volume and channel scan. $4\frac{5}{8} \times 2\frac{5}{8} \times 1\frac{1}{8}$ ". Requires 4 "AAA" batteries. **49⁹⁵** (TSP avail.) 15-1902



Archer® Rabbit VCR Multiplying System

- Share a Single VCR With a Second TV Set
- Watch TV Shows on One Set, VCR on Another
- Control Remote Functions From Any Room

The easy way to share your VCR with any receiver in your home. Watch a video tape on any set you choose while viewing broadcast or cable programs on another—without the hassle of moving or reconnecting your VCR. You can even use your existing IR remote to instantly transmit commands to your VCR from any room that has a Rabbit receiver. And with additional Rabbit systems, you can enjoy your VCR even more! System includes transmitter, receiver, cables and ultrathin connecting wire for easy hookup in minutes. Each unit, $1\frac{3}{4} \times 6\frac{1}{2} \times 4$ ". UL listed AC. Was \$79.95 in 1990 Catalog. (TSP available) 15-1953 **NEW LOW PRICE! 49⁹⁵**

REALISTIC UNIVERSAL REMOTES ARE COMPATIBLE WITH RADIO SHACK EQUIPMENT AND MOST OTHER BRANDS

AUDIO/VIDEO ENHANCERS & SELECTORS



Archer Dolby Surround™ Decoder/Amplifier

Decodes the exciting surround sound channel on stereo video tapes, video discs and many stereo-TV broadcasts, when connected to equipment with line-level stereo outputs. You can use the built-in 20-watt amp to power your front *and* rear speakers, or to power only your rear surround-channel speakers while using your existing stereo system to power the front speakers. Also synthesizes surround sound and stereo from monaural sources. 3 x 9³/₄ x 9³/₄" UL listed AC. (TSP available) 15-1279 **Low As \$15 Per Month 129⁹⁵**



5-Input, 2-Output Selector

Directs RF signals from up to five different inputs to a TV for viewing, plus a VCR for recording or a second TV. Has inputs for TV antenna, cable TV and VCR, plus two aux inputs. One-touch pushbutton controls. 75-ohm, "F" type connectors. 2¹/₄ x 7 x 6". 15-1266 **39⁹⁵**



Archer® 4-in-1 Super Video Processor

NEW! Variable enhancer preserves detail normally lost in dubbing, and noise reducer cuts picture graininess. Comparator wipe lets you see enhancements on split screen. Synthesizer creates stereo effect from mono sources. Fader for synchronized audio/video fade-ins/outs. Color saturation, brightness and A/V source controls. 2¹/₄ x 11³/₄ x 6³/₄" (TSP available) 15-1276 **Low As \$15 Per Month 129⁹⁵**



Camcorder/VCR Dubbing Processor

Connects VCR to VCR for superior dubbing of personal tapes, or camcorder to TV for improved viewing. Separate audio gain and video enhancement controls ensure that copies sound and look just as good as the original. 1³/₄ x 5⁵/₈ x 3³/₄" UL listed AC adapter. 15-1955 **24⁹⁵**



Amplified 5-Input, 3-Output Video Selector

Puts an end to cable swapping and simplifies video dubbing—lets you connect up to five video signal sources for viewing or recording with any combination of three TVs/VCRs. Selecting a source and output is easy, too—the press of a button is all it takes. Directs signals from antenna, cable, VCR or two aux inputs to three outputs—main TV, remote TV or VCR. Signal is amplified at antenna/cable TV inputs by 12 dB for a superb picture. High-isolation design helps prevent interference between inputs. 75-ohm connectors. 2¹/₄ x 10³/₄ x 6¹/₂". 15-2100 **79⁹⁵**

AC-POWERED EQUIPMENT IS UL LISTED / DOLBY™ LABORATORIES LICENSING CORP.



Audio/Video Control Center

Switches your TV or VCR between a camcorder, video disc player, satellite receiver or second VCR. Handles baseband (separate video and audio) signals. Stereo compatible. Four inputs, one output. RCA phono jack connectors. 1³/₄ x 5³/₄ x 3³/₄". 15-1956 **24⁹⁵**

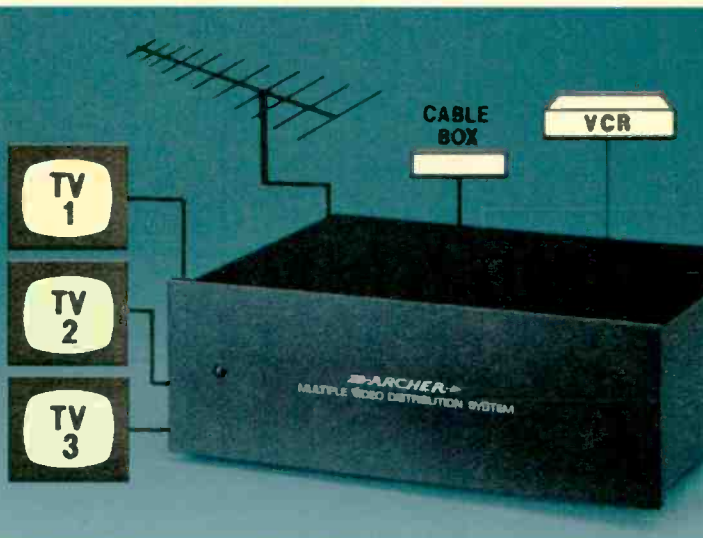
INCREASE YOUR VIEWING ENJOYMENT

Video Distribution System Delivers All Your Video Sources to Every TV

- Watch a VCR on TV Sets Throughout Your Home Without Moving It From Room to Room, or Watch Cable or Satellite TV in Every Room
- Choose the Video Source You Want to Watch With the TV's Channel Selector or by Remote

Watch what you want—where you want! The Archer Multiple Video Distribution System sends programs from your cable box, VCR and satellite system or antenna through a single coaxial cable to every TV set in your home—you choose the program source at the set. Each of the three outputs is amplified for best reception, and you can add splitters to connect more TV sets as desired. Works with all standard television receivers. Quick and easy hookup with coax cable, or use existing coax in prewired homes. (TSP available) 15-1290

54⁹⁵



40-Channel Cable TV Block Converter

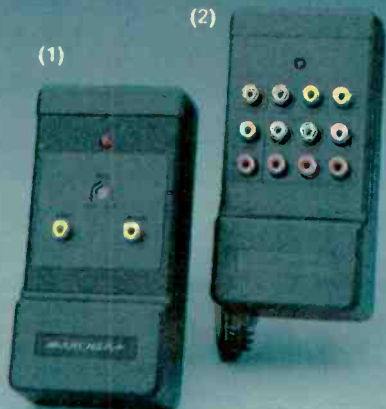
Converts VHF, mid and superband cable-TV channels to UHF-TV band for selection with TV/VCR channel selector or remote. You can watch one channel and tape another with your VCR. And, if you have a remote-control VCR or TV set, adding this converter restores remote-control tuning. Has manual fine-tuning for "offset" cable channels. 75-ohm connectors. 2 x 6 x 3 1/2" 15-1281

29⁹⁵

Signal Boosters For Clearer Pictures

(1) Video Amplifier/Enhancer. Boosts base-band video signal from VCR, satellite receiver or other video output. 15-1102 **19.95**

(2) 3-Set Audio-Video Distribution Amplifier. Amplifies and splits video signals. Drives up to three audio/video components. 15-1103 **29.95**



Infrared Remote Control Extender

Lets you operate remote-control video and audio equipment from another room in your home by sending commands back to the source through existing coax cable. For example, your cable box, satellite receiver or VCR is connected to a second TV in the bedroom. With the Extender, you can change channels or control the VCR without leaving the bedroom! (TSP available) 15-1289

49⁹⁵



70-Channel Cable Converter With IR Remote

Works with all cable systems. Scans, tunes directly, fine-tunes and flashes back to previous channel. Multifunction remote also turns TV and converter on/off and sets timer for auto shutoff up to 90 minutes later. Ch. 3 or 4 output. 2 1/2 x 11 1/2 x 6 1/4". With patch cable, splitter. Remote requires 9V battery. (TSP available) 15-1287 Low As \$15 Per Month

119⁹⁵



EQUIPMENT ON THESE TWO PAGES INCLUDES MANUALS WITH EASY-TO-FOLLOW HOOKUP DIRECTIONS

AMERICA'S FAVORITE TV ANTENNAS

ARCHER® HIGH-DEFINITION/STEREO-CERTIFIED
COLOR SUPREME Plus™

THREE ANTENNAS IN ONE! VHF ■ UHF ■ FM



High Tensile-Strength Aluminum for Long Life



UHF Yagi and Corner Reflector Combination



Strong Square Boom With "No-Tilt" Clamp



Snap-Open Elements For Easy Installation



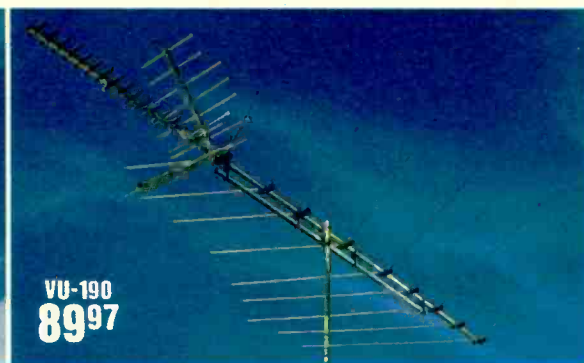
Air-Insulated Multiple Drive System



Heavy-Duty, HI-Impact Molded Insulators



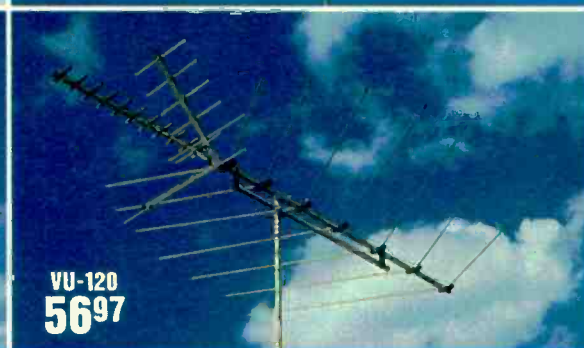
VU-210
119⁹⁷



VU-190
89⁹⁷



VU-160
69⁹⁷



VU-120
56⁹⁷



VU-110
43⁹⁷



VU-90
35⁹⁷



VU-75
26⁹⁷

- 60° "Swept-Design" VHF Elements Aid Signal Pickup and Transfer
- Gold-Alodized Finish Fights Corrosion and Resists Weathering
- Built to Withstand Strong Winds and Heavy Icing

There's a Color Supreme Plus Just Right For Your TV and FM Reception Area

Our Color Supreme Plus series is the best selling TV and FM antenna line in the USA! Our exclusive High-Definition/Stereo-Certified design visibly improves reception—makes colors "come alive" and sharpens black-and-white. High-Definition means you get performance that matches the improved picture resolution of the newer TVs now available. Stereo-Certified means you get the best possible sound from the hundreds of TV stations now broadcasting in stereo and the many more to come. You'll also get superior FM stereo reception. Wide-swept elements capture maximum signal (channels 2-83) in any reception area. Factory preassembled with snap-open elements for easy do-it-yourself installation.

Archer Model	Range in Miles*			Boom Length	No. of Elements	Cat. No.
	VHF	UHF	FM			
VU-210	210	135	120	190"	56	15-1647
VU-190	190	120	100	160"	48	15-1646
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT AND OPEN TERRAIN / MASTS NOT INCLUDED

OUR ANTENNAS VISIBLY IMPROVE TV



Turn to a Better Picture

**Aim Your Antenna With Archerator®
To Get the Best TV/FM Reception**

Remote control rotator system precisely aims your antenna for the strongest, clearest signal from every station in range. Cuts ghosts, interference. Indicator on remote shows antenna direction. Fits 1 1/4 to 1 3/4" dia. masts. UL listed AC. Requires 3-conductor cable below. (TSP available) 15-1225

59⁹⁵

Rotator Cable

No. Cond.	Feet	Cat. No.	Per Roll
3	50	15-1149	5.49
3	100	15-1150	8.95
5	100	15-1201	13.39



Compact Amplified Antenna

**Boosts TV and FM Signals to Pull in
Stations Up to 90 Miles Away**

Built-in preamp helps clean up weak signals and interference by boosting UHF gain up to 25 dB and VHF to 20 dB. Small enough for closet, attic, RV or van. UL listed AC (or DC adapter, extra). 15-1611 **54⁹⁵**
DC Adapter. 270-1534 **5.49**

VHF-TV/FM Antennas

**Custom Designed to Deliver the
Finest in VHF and FM Reception**

V-185 Swept Wing—Up to 185 Miles VHF, 110 Miles FM. Tuned specifically for TV channels 2 through 13 and FM stereo. The 34 elements in a 60° "Swept-Wing" design provide outstanding signal pickup and transfer. Reinforced 160" cradle-boom stands up to strong winds, resists twisting. Preassembled. 15-1654

59⁹⁵

V-110 Swept Wing—Up to 110 Miles VHF, 80 Miles FM. Captures weak, distant signals to make colors come alive and black-and-white pictures crisper. Has 14 elements on a rugged 80" square boom. Factory preassembled—easy to install it yourself and save. 15-1652

32⁹⁵

Engineered for UHF-TV

**Gold-Alodized Finish Fights Rust
And Corrosion—Keeps Antenna
Working and Looking New**

U-120 Corner Reflector Yagi—Up to 120 Miles*. Delivers great pictures on previously hard-to-get channels 14-83. Features 33 elements on a heavy-duty 100" square boom. 60° "Swept-Wing" reflectors focus signal. Fully preassembled with snap-open elements for easy do-it-yourself installation. 15-1662

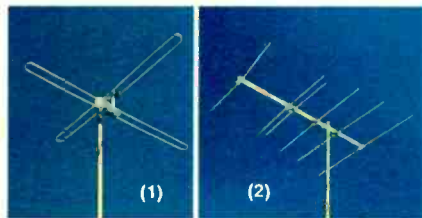
34⁹⁵

U-100 Corner Reflector Yagi—Up to 100 Miles*. Swept-wing design reflector concentrates signal to improve long-range reception. Has 25 elements on a 80" square boom. Preassembled for easy installation. 15-1661

23⁹⁵

U-75 Corner Reflector—Up to 75 Miles*. Narrow pick-up pattern—ideal for urban and suburban reception. Corner reflectors help "tune out" interference, cut ghosts. Has 16 elements, 40" boom. Preassembled. 15-1660

16⁹⁵



FM & FM Stereo Antennas

(1) Omnidirectional—Up to 50 Miles*. Circular pickup. 15-1639 **12.95**

(2) Triple-Drive Directional—Up to 110 Miles*. High gain. 15-1636 **16.95**



Our Best Mobile TV Antenna

Sleek, aerodynamic—the ultimate mobile antenna. Mounts magnetically or permanently on roof or rear deck. Paintable to match vehicle. With cable, matching transformer. 15-1608 **49⁹⁵**

Mobile TV Antenna

Window Mounting

Heavy-duty, loaded fiber glass dipoles. With gutter/window mounting bracket and hardware. For VHF/UHF TV channels 2-83. 15-1609 **29⁹⁵**



V-185

V-110

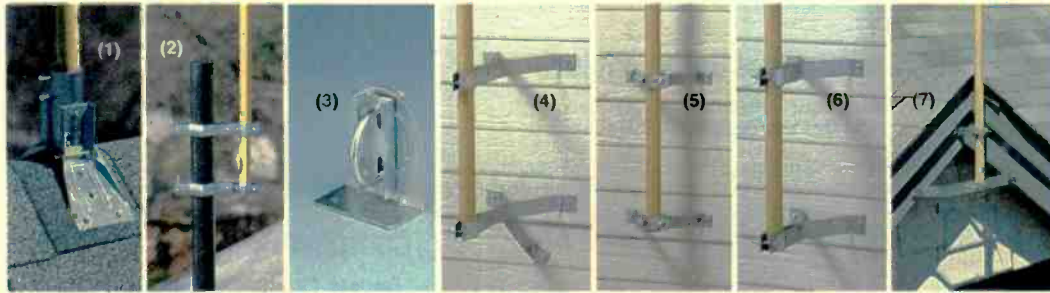
U-120

U-100

U-75

*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT AND OPEN TERRAIN / MASTS NOT INCLUDED

WE'RE THE ANTENNA HEADQUARTERS



Our Mast Mounts and Hardware Are the Choice of the Pros

Mast Mounts for Roof, Eave, Vent Pipe and Wall

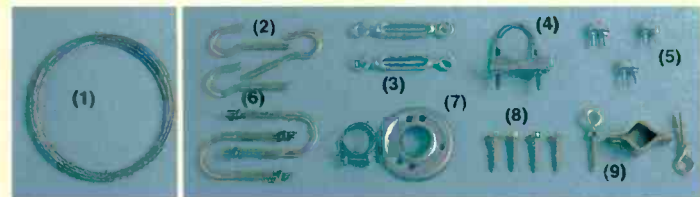
- (1) **Base and Roof Mount.** Mast locks into exclusive-design U-bolt. Swivel base will accommodate the slope of virtually any roof. Heavy-gauge steel construction for a pro-quality installation. With instructions. 15-889 **6.69**
- (2) **Vent Pipe Mount.** An excellent alternative to chimney mounting, where possible. Attach brackets to vent pipe, then clamp mast into place. Attaches to 2" to 5" vents. Heavy-duty steel construction. With all mounting hardware and instructions. 15-893 **5.95**
- (3) **Mast Anchor Universal Mount.** The solution for countless antenna installations. U-bolt for easy swivel. For masts up to 1½" in diameter. Must be guyed for roof and window mounts. 15-888 **2.79**

- (4) **12" Wall Mounts.** Secures masts up to 1¾" diameter 12" out from side of house to clear eave or other obstructions. Galvanized steel construction. With installation instructions. 15-885 **Pair 11.99**
- (5) **8" Wall Mounts.** Holds masts of up to 1¾" diameter 8" out from side of house. 15-886 **Pair 9.95**
- (6) **4" Wall Mounts.** Holds masts up to 1¾" diameter 4" out from side of house. 15-883 **Pair 4.49**
- (7) **Eave Mount for Hanging Rafters or Trim Boards.** Install your antenna without drilling through brick or masonry! Ingenious alternative to roof and chimney mounting. Fits virtually all medium-pitch roofs. For masts of up to 1½" diameter. Installs with four included lag bolts. 15-891 **9.95**



Mast Mounts for Chimney and Roof

- (1) **Chimney Ratchet Mount.** Two stainless steel straps, each ¾" x 18 foot. For all antenna masts with 1" to 1¾" diameter. 15-839 **17.95**
- (2) **Corner Mounts.** Two Y-Mounts with 5/8" x 10-foot, rust-resistant galvanized strips. 15-527 **10.95**
- (3) **Chimney "Z" Mounts.** Secures mast to chimney. Set of two, each with 5/8" x 10-foot galvanized steel strap. 15-476 **9.95**
- (4) **Strap Kit.** Two 25-foot stainless steel straps for replacement or add-on. Fits oversized chimneys. 15-801 **12.95**
- (5) **3-Foot Tripod Mount.** Ideal for areas having frequent, strong winds. Fits slope of most roofs, provides you with added antenna height for better reception. Preassembled for easy do-it-yourself installation. Accepts mast up to 1¾" diameter. 15-516 **15.95**



Guy Wire and Hardware

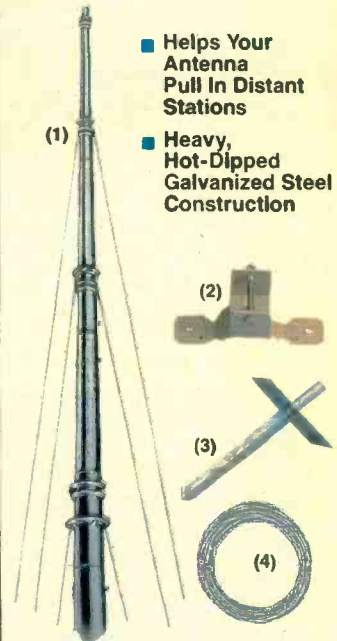
Fig.	Description	Cat. No.	Each	Fig.	Description	Cat. No.	Each
1	50-Foot Galvanized Wire	15-030	1.69	6	2 U-Bolts With Nuts	15-830	1.19
1	100-Foot Galvanized Wire	15-031	2.79	7	1¼" Guy Ring and Collar	15-835	1.49
2	3 Guy Wire Anchors	15-825	1.19		Set of 4 Hex Lag Bolts:		
3	2 Guy Wire Turnbuckles:			8	¼" x 2½" for Heavy-Duty	15-833	.99
	6" open, 4" closed	15-829	1.69		Mounting		
4	U-Bolt and Clamp	15-826	1.19	9	Guy Wire Mast Clamp	15-827	1.19
5	3 Guy Wire Clamps	15-850	1.29		With Bolts		



Standoff Insulators

Fig.	Description	Cat. No.	Each
1	4 3½" Wood Screw	15-853	.99
1	4 6½" Wood Screw	15-854	1.19
2	2 Masonry Type	15-820	1.19
3	2 Nail-In Type	15-821	.99
4	2 Snap-Grip Type	15-822	.99
5	2 Strap-On Type	15-823	.99

Telescoping Antenna Masts



- Helps Your Antenna Pull In Distant Stations
- Heavy, Hot-Dipped Galvanized Steel Construction

- (1) Raises your antenna for stronger TV and FM reception. Sturdy sections interlock—won't pull out, twist or shake. Clamp and guy ring provide firm support. Resists corrosion. Preassembled for easier installation.
- 19-Foot Mast. One 16-gauge, one 18-gauge section. 15-5065 **33.95**
- 36-Foot Mast. One 16-gauge, three 18-gauge sections. 15-5067 **54.95**

Base and Mount

- (2) **Roof Base.** Holding bolt slips through hole in universal mast base. 15-5068 **6.99**
- (3) **Ground Mount.** "Tap-in" type for up to 36-foot masts. 15-5069 **9.95**
- (4) **Guy Wire.** Six-strand, 18-gauge. 100 feet. Galvanized steel. 15-5070 **7.29**

Heavy-Duty Masts

- 16-gauge steel with golden enamel finish. Swaged end for tight lock on tubing to be joined, 1¼" diameter.
- 5-Foot Mast. 15-842 **5.29**
- 10-Foot Mast. 15-843 **10.49**

Light-Duty Mast

- 5-Foot. 20-gauge steel. Golden-enamel finish to resist corrosion. For attic or smaller antennas. 15-844 **4.69**

ACCESSORIES FOR A BETTER PICTURE

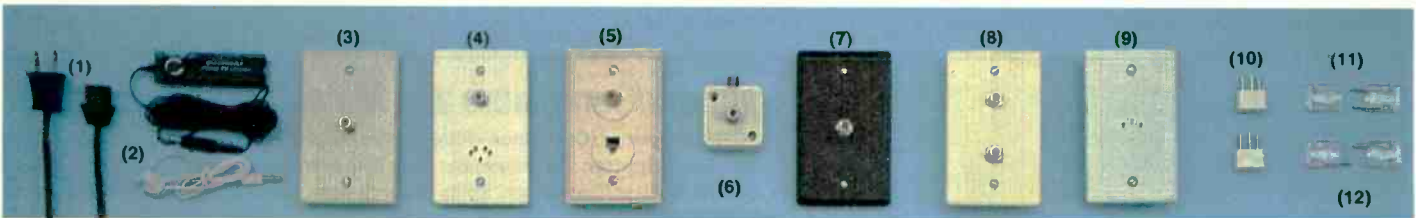


Cable, Wire, Grounding and Hardware for Your Antenna Installation

- (1) VHF/UHF 300-Ohm Foam Cable. Our best! Excellent for all weak-signal and "problem" reception areas. 20-ga. copper, dense polyethylene jacket.
50-Foot. 15-1174 **5.29**
100-Foot. 15-1175 **9.49**
- (2) Low-Cost VHF/UHF Twin-Lead. For indoor use.
40-Foot. Brown Twin-Lead. 15-004 **2.29**
40-Foot. Clear Twin-Lead. 15-1158 **2.29**
50-Foot. Standard Twin-Lead. Seven-strand, 22-gauge. For indoor or attic use. 15-1153 **3.59**
- (3) 8-Foot Twin-Lead Cable. 15-1532 **2.29**
- (4) Shielded VHF/UHF Foam Coax Assemblies. Low-loss, interference-rejecting shielding. Use with 75/300-ohm matching transformers.
50-Foot. 15-1526 **9.29**
100-Foot. 15-1527 **15.49**

- (5) Antenna Discharge Unit. For TV and FM rooftop antennas. 300 ohms. UL listed. 15-910 **3.49**
- (6) Grounding Block. Prevents static buildup in 75-ohm antenna downleads. 15-909 **2.59**
- (7) "Wall-Thru" Lead-In Tube. For walls up to 1 1/2" thick. Grommet seals out weather. 15-1200 **2.79**
- (8) Aluminum Ground Wire. Protects against static buildup in rooftop antennas. 40 feet, 8-gauge. Use with ground rod (Fig. 9 below). 15-035 **3.59**
- (9) UL Listed 8-Foot Ground Rod and Clamp. Provides path to ground for static electricity buildup. Copper-plated for conductivity. Meets all applicable electrical codes. 15-529 **15.95**
- (10) Economy Ground Rod. For low-voltage applications. 15-530 **3.89**

- (11) TV/FM Antenna Clips. Instant, solderless connection and disconnection of 300-ohm downlead at back of set. Insulating plastic handles, screw terminals. Excellent for temporary connections or service work. 15-832 **Set of 2/1.49**
- (12) Ten Coax Nail Clips. A low-cost way to get a neat, professional installation. Insulated nails have weather-resistant clips to secure 75-ohm RG59 coaxial cable. Just the thing for fastening coax cable along baseboards or outside trim. 20-192 **99¢**
- (13) Coax Feed-Through Bushing. For a neat, professional-looking installation every time. Protects your coaxial cables.
RG59. 278-1643 **Pkg. 2/49¢**
RG6. 278-1644 **Pkg. 2/49¢**

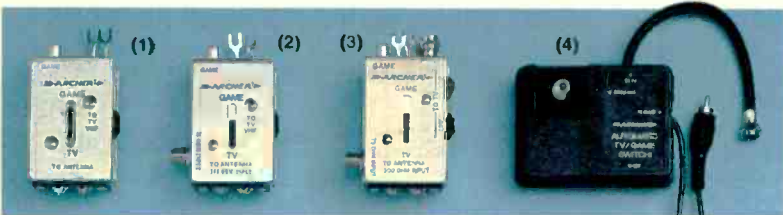


Everything in TV/FM Wall Plates, Plugs, Power Cords, Connectors

- (1) TV Power Cord. Standard 6-foot AC cord. 18-gauge, 2-conductor. 15-011 **1.39**
Polarized Power Cord. 15-012 **1.39**
- (2) Private TV Listener. Remote volume control, earphone, 15-foot cord. 1/8" plug. 15-587 **4.29**
- (3) Wall Plate for 75-Ohm Coax. 15-1180 **4.49**
- (4) Wall Plate for 75-Ohm Coax and 5-Wire Rotator. With plugs, hardware. 15-1181 **4.99**

- (5) Wall Plate for 75-Ohm Coax and Phone. Gold-plated coax connector. 15-1185 **5.95**
- (6) Baseboard Mount for 75-Ohm Coax. With hardware. 15-1182 **3.29**
- (7) Woodgrain Wall Plate for 75-Ohm Coax. With hardware. 15-1183 **4.29**
- (8) Wall Plate for Dual 75-Ohm Coax Cables. 15-1184 **4.29**

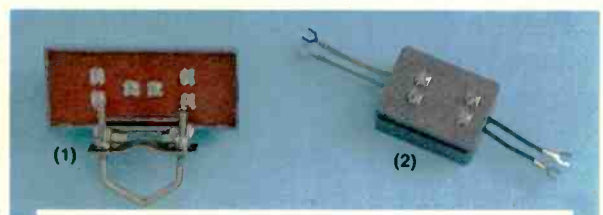
- (9) Flush-Mount TV Wall Plate. For one 300-ohm lead. With bracket, plugs. 15-1186 **2.39**
Surface-Mount. 15-1189 **1.99**
- (10) TV/Wall-Socket Plugs. Package of two. 15-1178 **2/1.39**
- (11) Polarized Connectors. 300 ohm. 15-1199 **1.39**
- (12) Plug and Socket. 300 ohm. 15-1198 **1.39**



Selector Switches for Your TV Video Games

- (1) 300-Ohm TV Switch. Permits using video games with your TV without reconnecting. For 300-ohm antenna line/TV input. 15-1255 **4.29**
- (2) 300/75-Ohm Antenna Input Switch. Easily switch between TV antenna and video games. Has 300-ohm TV output. For use with coax and 300-ohm antenna-type system. 15-1269 **4.29**
- (3) 300/75-Ohm Signal Splitter Switch. Provides 300-ohm output for UHF, 75-ohm output for VHF. Built-in signal splitter, low signal loss. 15-1268 **6.29**
- (4) Automatic TV/Game Switch. For 75-ohm antenna line/TV input. For use with Nintendo™ TV Game. 15-1267 **8.99**

TM Registered trademark of Nintendo Co., Ltd.



Splitters and Couplers

- The Easy Way to Add Sets or Combine Leads
- (1) Two-Set Indoor/Outdoor Coupler. Joins two antennas to one 300-ohm downlead. 15-1135 **3.99**
Four-Set Indoor/Outdoor Coupler. Uses 300-ohm downlead. 15-1136 **4.99**
VHF/UHF Combiner/Splitter. 300 ohms. 15-1137 **3.99**
- (2) Indoor Splitter. Splits UHF/VHF/FM outputs from one 300-ohm downlead. 15-1138 **3.99**

ACCESSORIES FOR TV, VCR AND FM

Four-Way Distribution Amp



- Delivers Typical Gain of 14 dB VHF, 13 dB UHF

Cuts VHF/UHF/FM signal loss caused by sharing signal among several TV sets or long antenna cable runs. Trap cuts FM interference. Input/output 75-ohm. Adjustable 10 dB to 20 dB gain. UL listed AC. 15-1107 **31⁹⁵**

TV/FM Hi-Gain Signal Amp



- Delivers Typical Gain of 25 dB VHF, 20 dB UHF

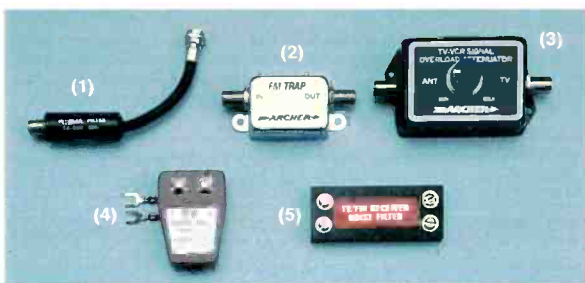
Outdoor amp mounts on the mast near antenna for purest, strongest signal. Remotely controlled FM trap cuts interference. Gain is adjustable over a 10 to 20 dB range. 75-ohm output and F-connectors. UL listed AC. 15-1108 **35⁹⁵**

Indoor FM Signal Booster



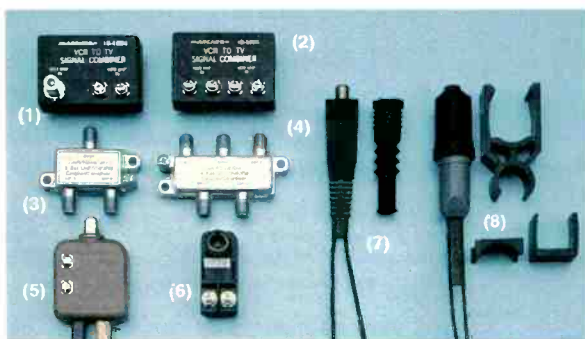
- Switchable Gain of 0 dB, 10 dB or 20 dB

Connects between FM receiver and antenna to improve FM reception. Accepts 75-ohm or 300-ohm input. Output: 75-ohm. 36" cable with 75/300 ohm connectors, 6-foot AC power cord. UL listed AC. 15-1105 **25⁹⁵**



TV/FM Filters, Attenuators and Coaxial FM Trap

- (1) VCR/TV/FM. Cuts CB/Ham interference. Hi-pass LC (inductive capacitive) filter installs at 75-ohm coaxial input of VCR, TV or FM. 54-900MHz. 15-579 **4.29**
- (2) Coaxial Inline FM Trap. For 75-ohm line. Cuts interference from strong FM radio stations on TV or VCR to reduce "herringbone" pattern. 15-577 **3.69**
- (3) 75-Ohm Attenuator. Reduces strong signal overload on TV or VCR. Connects inline to coaxial cable. Adjustable for best possible picture. 15-578 **6.39**
- (4) TV Static/Noise Filter. Reduces or eliminates appliance, motor or neon light interference. Attaches to 300-ohm terminals. 15-582 **1.99**
- (5) TV/FM Noise Filter. Reduces CB/Ham radio interference. Attaches to 300-ohm terminals. 15-581 **5.95**



Splitters/Combiners and Matching Transformers

- (1) VCR/TV Splitter/Combiner. 300/75-ohm inputs, 75-ohm output. 15-1294, **3.79**
- (2) 300-Ohm Splitter. As above, but with 300-ohm inputs only. 15-1295 **3.79**
- (3) Hybrid Splitter/Combiner. Splits 75-ohm coax cable to two VHF/UHF outputs. F-connectors. Reversible. 15-1141 **3.95**
- (4) Four-Set Splitter. As above, but with four outputs. 15-1142 **6.95**
- (5) Transformer/Splitter. 75-ohm input for coax from antenna or VCR. Three 300-ohm outputs to VHF, UHF, FM. Indoor use only. 15-1139 **4.99**
- (6) Matching Transformer. 75-ohm to 300-ohm. 15-1253 **2.99**
- (7) Indoor/Outdoor Matching Transformer. Matches 300-ohm antenna to 75-ohm coax downlead. Reverse for back-of-set use. Weather-resistant boot. 15-1140, **2.79**
- (8) Antenna-Mounted Matching Transformer. As above, with special clip for attaching to antenna boom. With weather-resistant boot. 15-1143 **3.99**

Plug-In AC Line Filter



Cuts most electrical appliance interference for a cleaner picture. 3-prong AC plug, outlet. UL listed AC. 15-1111 **10.95**

Video/Computer RF Modulator



- Use a TV As a Monitor

Converts line-level signal to VHF for TV. 1000-ohm and 75-ohm input jacks, 75-ohm output. FCC registered. UL listed AC. 15-1273 . . . **27.95**

Auto Dual Satellite LNB Switch



- For Multi-Receiver Dual-Feed Systems

From our Satellite ShackSM. You can access all available channels on satellite selected by main receiver. UL listed AC. 15-2001 **49.95**

Coax Cable, Connectors and Adapters

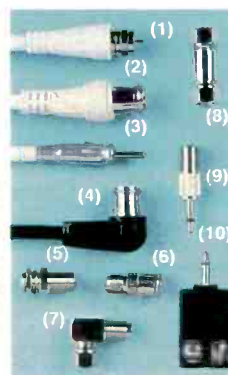


Fig.	Description	Connectors	Cat. No.	Each
1	75-Ohm Coax, 16 Ft.	Male F Screw Type	15-1531	4.89
...	75-Ohm Coax, 25 Ft.	Male F Screw Type	15-1534	6.19
2	75-Ohm Coax, 4 Ft.	Male F Push-On	15-1529	2.79
...	75-Ohm Coax, 8 Ft.	Male F Push-On	15-1530	3.59
3	75-Ohm Coax, 8 Ft.	Male F/Motorola	15-1528	3.59
4	75-Ohm Coax, 6 Ft.	Male F Push-On	15-1536	2.99
5	F-81 Coupler	Female F/Female F	278-213	.99
6	Push-On Adapter	Female F/Male F	278-218	1.49
7	Right Angle Coupler	Female F/Male F	278-221	1.29
8	Coupler	Male F/Male F	278-219	1.29
9	Adapter	Female F/Miniplug	278-257	1.99
10	75/300 Ohm Adapter	1/8" Miniplug	15-1148	1.49

ADD-ONS FOR BETTER VCR/TV HOOKUPS



- (1) **VCR/TV Signal Splitter.** One 75-ohm input. One 75-ohm output for VHF. 300-ohm outputs for UHF and FM. 15-1252 **4.99**
- (2) **VCR/TV Signal Splitter With 6-Foot Cable.** 75-ohm input, 300-ohm outputs for UHF, VHF and FM. F-connector. 15-1524 **6.19**
- (3) **VCR/TV Signal Splitter.** 300-ohm input. One 75-ohm output for VHF and 300-ohm outputs for UHF and FM. 15-1251 **4.99**
- (4) **VCR/TV Signal Splitter.** 75-ohm input. 75-ohm VHF and FM outputs. 15-1293 **4.99**
- (5) **VCR/TV Signal Splitter With 6-Foot Cable.** One 75-ohm input. Outputs for 300 ohms and 75 ohms. F-type connectors. 15-1522, **4.99**

- (6) **Terminating Resistor.** F-type, 1/2 watt, 75 ohms. Terminates unused outputs of splitters, coax wall plates and distribution amps to prevent interference and ghosts. 15-1144 **Pkg. of 2/1.19**
- (7) **75-Ohm DC Block.** Protects video equipment against DC voltages from line-powered equipment. 15-1259 **1.49**
- (8) **Inline 6 dB Attenuator.** 75-ohm. Female F-connectors. Reduces interference caused by excessive signal strength. 15-1258 **2.29**
- (9) **Inline 6 dB Attenuator.** As above, but with male F to female F-connectors. 15-1257 **2.29**

- (10) **Mini A/B Video Switch.** Two 75-ohm inputs, one 75-ohm output. Switches TV set between antenna and VCR. Reversible. 15-1247 **4.99**
- (11) **Mini VCR/TV/FM Switch.** Two switchable 75-ohm inputs, one 300-ohm output. Switches TV set between antenna and cable. Reversible. 15-1246 **4.99**
- (12) **A/B High Isolation Video Switch.** With 75-ohm output, two switchable 75-ohm inputs. Reversible. 15-1249 **6.99**
- (13) **A/B/C High Isolation Video Switch.** Pushbutton with 75-ohm output and three 75-ohm inputs. Reversible. 15-1248 **10.99**



VHF/UHF/FM Signal Boosters for Use With 75-Ohm Coax

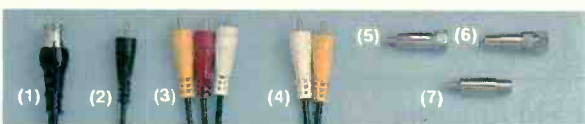
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Cable-TV Amplifier

■ 70 Channels

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Cables, Connectors and Adapters

Fig.	Description	Cat. No.	Each
1	2-Foot Coax Cable, Male Push-On Connectors	15-1533	2.69
1	2-Foot VCR A/V Cable, Phono Connectors	15-1538	2.29
2	6-Foot VCR A/V Cable, Phono Connectors	15-1535	3.99
2	24-Foot VCR A/V Cable, Phono Connectors	15-1539	5.19
3	6-Foot Stereo A/V Cable, 3 Phono at Each End	15-1537	7.19
3	12-Foot Stereo A/V Cable, 3 Phono at Each End	15-1512	8.95
4	Dual 24-Foot A/V Cables, Phono Connectors	15-1540	8.29
5	Adapter, Male F-Connector to Phono Plug	278-253	1.99
6	Adapter, Male F-Connector to Female Phono Jack	278-255	1.29
7	Adapter, Female F-Connector to Phono Plug	278-252	1.39

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With Chromium-Plated Plugs. 15-1525 6.95

Cables With Gold-Plated Plugs

High-grade, low-loss 75-ohm coax.

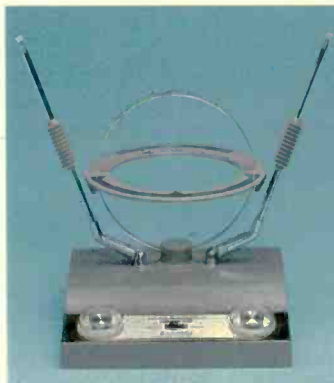
Fig.	Length	Connector Type	Cat. No.	Each
1	3-Foot	Push-On F	15-1515	3.59
	6-Foot	Push-On F	15-1516	4.29
	12-Foot	Push-On F	15-1517	4.99
2	3-Foot	RCA Phono	15-1518	4.89
	6-Foot	RCA Phono	15-1519	5.69
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Color Supreme V. Boosts TV and FM stereo signals up to 12 dB. Has 12-position fine-tuning control, loop with deflector/reflector, and normal/boost switch to prevent signal overload. UL listed AC. **45⁹⁵**
15-1830



VHF/UHF/FM With Phasing Control

Color Supreme III. Cuts ghosts and snow, improves FM stereo—even in poor-signal areas. Has phasing control to sharpen VHF picture, 12-position fine-tuning control to rotate VHF and UHF elements. **29⁹⁵**
15-1824



TV/FM With Rotating Elements

Color Supreme II. Rotary control orients UHF elements without turning the entire assembly, for best picture on ch. 14-83. Twelve-position fine-tuning. Improves VHF and FM reception, too. **24⁹⁵**
15-1816



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Connect to your receiver for dramatically improved FM stereo reception. Boosts signal up to 6 dB. Fine-tuning control and hi/lo gain switch help pull in hard-to-get stations. Includes a 300-ohm matching transformer. UL listed AC. **29⁹⁵**
15-1821



VHF/UHF/FM Budget Antenna

Color Eagle 100. Has adjustable UHF elements, plus 12-position rotary fine-tuning control for the optimum VHF/FM reception. May be wall-mounted. **19⁹⁵**
15-1808



VHF/UHF Indoor

Color Eagle. Has phasing switch for clearest reception possible, VHF dipoles and dual UHF loops. **15⁹⁵**
15-1810



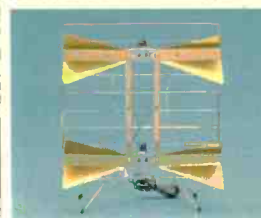
Deluxe VHF/UHF

Built-in multiposition fine-tuning control for improved color and black-and-white TV, and FM. **10⁹⁵**
15-1818



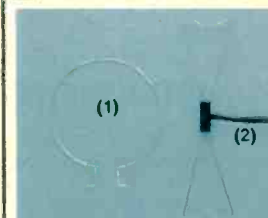
Budget VHF/UHF

Sharpens TV signal reception at low cost. Has telescoping dipoles, UHF loop and fine-tuning. **8⁹⁵**
15-628



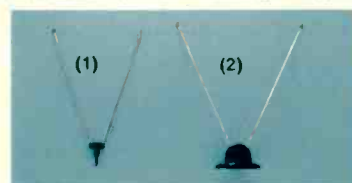
UHF Bow Tie

Twin gold-colored elements for better ch. 14-83 reception. Sits upright on TV set. No-mar vinyl feet. **14⁹⁵**
15-623



UHF Antennas

(1) Loop. Improves ch. 14-83. **1.19**
15-233
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15-1804

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Stereo Supreme. Enhances FM stereo—cuts drift and noise, pulls in weak stations. Fine-tuning control. **12⁹⁵**
15-1822



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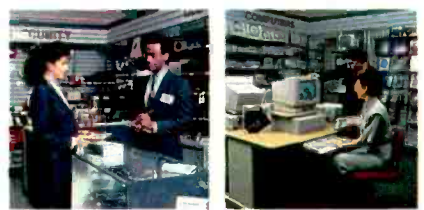
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14	SCT Cassette Decks	59 95	5	21	Communication Items below \$50	19 95	3	43	TAD Answering Devices	39 95	3
14	SCR/Modulare Portables	39 95	3	21	Communication Items above \$50	39 95	3	43	Phones below \$50	10 95	3
14	CTF/Mini Cassettes	39 95	3	21	Communication Items above \$50	39 95	3	43	Phones below \$100	24 95	3
14	Audio below \$50	19 95	3	22	Radar Detectors	39 95	3	43	Phones above \$100	34 95	3
14	Video Items below \$100	19 95	3	22	Radar Detectors	39 95	3	43	Phones above \$100	34 95	3
15	Video Items above \$100	29 95	3	22	Multitesters	9 95	3	43	FAX Machines	149 95	3
16	Video Cassette Recorders	49 95	1*	31	STA/STAV Receivers	59 95	5	49	Alarm Control Units	29 95	3
16	Video Cassette Recorders	139 95	3*	31	Equalizers	39 95	5	61	Security Items below \$50	19 95	3
16	Video Cassette Players	79 95	3	32	PA Items below \$50	19 95	5	61	Security Items above \$50	29 95	3
16	Color Televisions	79 95	3	32	PA Items above \$50	39 95	5	63	Electronic Items	39 95	3
16	Camcorders	79 95	1*	33	Headphones/Mikes below \$50	19 95	3	65	Calculators below \$50	9 95	3
16	Camcorders	199 95	3*	33	Headphones/Mikes below \$50	19 95	3	65	Calculators above \$50	19 95	3

Price breaks are based on CURRENT ANNUAL CATALOG price. Sale prices do not apply.
 *VCR and Camcorder TSPs may be purchased for either one three-year term or three one-year terms. One-year plans are renewable twice for a total term not to exceed three years from the original equipment purchase date.
 Carry-In and On-Site TSPs are available for Tandy/Radio Shack computer equipment. For details, visit your local Radio Shack

EMPLOYMENT OPPORTUNITIES

Promising Careers in Retail Sales, Computer Marketing and Support And Sales Management



If you have sales ability, are willing to work to achieve maximum results and are interested in compensation keyed to productivity, then our Radio Shack store or Radio Shack Computer Center training programs may be the career opportunity you've been looking for. Thanks to our continuing growth, there are numerous career opportunities available in many market areas.

Write Our National Headquarters for the District Sales Office Location Nearest You

PROFESSIONAL EMPLOYMENT, Dept. 459
500 One Tandy Center, Fort Worth, TX 76102
 An Equal Opportunity/Affirmative Action Employer

REALISTIC®—THE POPULAR PA CHOICE



100-Watt Amp With Built-In Mixer & Antifeedback Control

Realistic® MPA-90. Our best amp has the power and performance demanded in auditoriums, churches and dance clubs. Features four high or four low-impedance mike inputs and an aux input for adding mixer or tape deck. Variable feedback filter cuts any selected frequency, from 300 to 3000 Hz, by 12 dB to reduce annoying "howls" and "squeals". Has our exclusive Glide-Path® faders on each channel. Master volume control with a handy "memory" ring to mark desired setting, lighted power meter and LED clipping indicator. Overload protected. UL listed AC. (TSP available) **32-2024 Low As \$15 Per Month 199⁹⁵**

SPECIFICATIONS. Frequency Response: 30-20,000 Hz \pm 2 dB. Power: 100 watts rms at 4 ohms. Outputs: Mix bus, EQ in/out, push-terminals and phono-type jacks for 4 to 16-ohm speakers, 1/4" headphone jack. Power Requirement: 120VAC, 60 Hz, 200W. Size: 4³/₈ x 14¹/₂ x 10¹/₂".



Compact 35-Watt PA Power Amp With Built-In Equalizer

Realistic MPA-40. Superb performance at low cost! Three-band graphic equalizer for tailoring sound to room acoustics and reducing feedback. Priority terminals permit Channel-1 override of all other channels—really handy for interrupting music for paging or emergencies. Built-in mixer. Built-in pre-amp for magnetic-cartridge turntable. Three Glide-Path faders control inputs for two mikes and phono/aux. Master volume control with "memory ring". UL listed AC. (TSP avail.) **32-2032 Low As \$15 Per Month 99⁹⁵**

SPECIFICATIONS. Frequency Response: 70-15,000 Hz +1/ -3dB. Power: 35 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line; terminals for adding optional SPST switch for remote priority switching. Power Requirement: 120VAC, 60 Hz, 120W. Size: 4¹/₂ x 10¹/₂ x 7¹/₂".



Dual-Power, 20-Watt PA Amplifier With Tone Control

Realistic MPA-25. Operates on AC or 12VDC power—excellent for indoor or mobile use. Accepts either low or high-impedance mikes. High-level input with individual channel fader controls lets you add turntable or other auxiliary component. Features two front-panel mike inputs, rotary master volume and tone controls and LED power "on" indicator. Glide-Path fader controls. Has 70V line output for multiple-speaker systems. Ventilated metal case. Included 12VDC cord lets you plug amp into cigarette lighter. Also includes AC cord for easily changing between indoor and mobile use, and a mobile mounting bracket with thumbscrews for easy removal. UL listed. (TSP available) **32-2033 79⁹⁵**

SPECIFICATIONS. Frequency Response: 150-20,000 Hz \pm 3 dB. Power: 20 watts rms at 8 ohms. Outputs: 4, 8, 16 ohms; 70V line. Power Requirement: 120VAC, 60 Hz, 40W or 12VDC negative ground. Size: 4¹/₂ x 10¹/₂ x 7¹/₂".

COMPLETE SYSTEMS FOR EVERY PURPOSE



Toastmaster's Special 431⁸⁰

- Realistic MPA-90 100-Watt Amplifier
- Highball Dynamic Microphone
- Deluxe Folding Microphone Stand
- PA-100 High-Efficiency Speaker System

32-2024/33-984/33-325/40-1412
Low As \$20 Per Month



Stage Performance 667⁷⁰

- Realistic MPA-90 100-Watt Amplifier
- Unidirectional Dynamic Mike With Stand
- FM Wireless 3-Channel Mike System
- Two PA-95 Column Speaker Systems

33-2024/33-1073/33-320/32-1228/40-1411
Low As \$25 Per Month



4-Mike Club System 819⁴⁵

- MPA-90 100-Watt Amplifier
- Four Highball Dynamic Microphones
- Four Cast-Base Mike Stands
- Two PA-100 High-Efficiency Speakers

32-2024/33-984/33-320/40-1412
Low As \$30 Per Month



Office/Restaurant 221²⁵

- MPA-40 35-Watt Amp With Built-In EQ
- Tight-Cardioid Mike ■ Desk Stand
- Four 10W, 70-Volt Line Transformers
- Four 8" Speakers With Ceiling Grilles

32-2032/33-992/33-370/32-1031/40-1272/40-1223
Low As \$15 Per Month



Announcer's Choice 356⁴⁹

- MPA-40 35-Watt Amp With Built-In EQ
- Highball Dynamic Mike ■ Desk Stand
- Four 10W, 70-Volt Line Transformers
- Four Super Powerhorn® Speakers

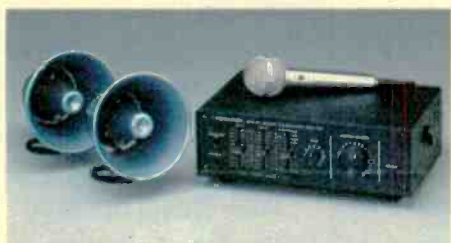
32-2032/33-984/33-370/32-1031/40-1307
Low As \$15 Per Month



Auditorium System 455⁶⁵

- MPA-40 35-Watt Amp With EQ
- Two Tight-Cardioid Dynamic Mikes
- Two Cast-Base Mike Stands
- Two PA-95 Column Speaker Systems

32-2032/33-1073/33-320/40-1411
Low As \$20 Per Month



Indoor/Outdoor System 147⁸⁰

- Realistic MPA-25 20-Watt Amplifier
- Highball-2 Dynamic Omnidirectional Mike
- Two 5" Powerhorn Speakers

32-2033/33-985/40-1236
Low As \$15 Per Month



Meeting Hall System 207⁵⁰

- MPA-25 20-Watt Amplifier
- Highball-2 Dynamic Microphone
- Four 70-Volt Line Transformers
- Four 8" Wall-Baffle Speakers

32-2033/33-985/32-1031/40-219
Low As \$15 Per Month



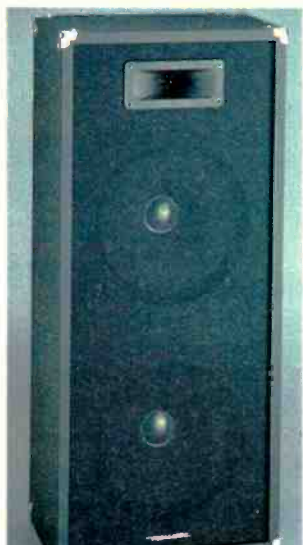
"Anywhere" System 268⁸⁰

- MPA-25 20-Watt Amplifier
- Super-Omni Mike With Deluxe Stand
- PA-95 Portable Column Speaker System

32-2033/33-1070/33-325/40-1411
Low As \$15 Per Month

SOUND BUYS TO ADDRESS YOUR NEEDS

PA EQUIPMENT—SPEAKERS & ACCESSORIES



High-Power Sound Reinforcement Speaker Systems

■ Bass-Reflex System With 15" Woofer

NEW! Realistic® PA-100. Outstanding sound and extended frequency response of 60-25,000 Hz. Piezo horn tweeter. Handles 100 watts. 8 ohms. Sensitivity: Rated 92 dB (SPL at 1W/1M). Vinyl-coated enclosure, metal corner protectors, convenient carry handle. Spring terminals, 1/4" jack. 23 3/4 x 18 3/4 x 11". **149⁹⁵**
40-1412, Low As \$15 Per Month

■ Dual 10" Woofers

Realistic PA-95. 100-20,000 Hz response. Piezo horn tweeter. Handles 100 watts. 8 ohms. Sensitivity: Rated 95 dB (SPL at 1W/1M). Vinyl-coated enclosure, metal corner protectors. Spring terminals, 1/4" jack. **119⁹⁵**
30 x 13 x 8 1/2".
40-1411, Low As \$15 Per Month



Public Address Musical Powerhorn®

■ Plays 94 Built-In Tunes Plus Five You Program

You can play everything from college songs to pop tunes, or use the built-in mike to be heard up to 300 feet away. Song list, shoulder strap. Requires 8 "AA" batteries. **39⁹⁵**



Sound Level Meter With Seven Ranges

■ Measures Music or Noise
Use with equalizer to optimize audio systems. Reads to 126 dB SPL. Slow or fast response, "A" or "C" weighting. Electret mike, recording output, tripod socket. Requires 9V **31⁹⁵**
battery. 33-2050



One-Watt Speaker/Amp

■ Set Up Anywhere
Amplified sound anywhere! Tone, volume controls. Aux input, 1/8" mike jack. 5 x 4 x 2 3/4". Requires 4 "C" batteries. **19⁹⁵**
AC Adapter. UL listed. 273-1454 **7.95**

4" In/Outdoor Powerhorn



An outstanding performer in a compact size. Shockproof and water resistant for years of indoor and outdoor use. With mounting bracket for easy installation. Impedance, 8 ohms. Power output: 5 watts. **14⁹⁵**
40-1235

Super Powerhorn



High-efficiency design for maximum voice and music output. Handles 40 watts power. Metal swivel base. Impedance, 8 ohms. SPL: 110 dB (1W/1M). 11 x 6 1/2 x 8 1/2". **41⁹⁵**
40-1307

Indoor/Outdoor Speakers



4". Moisture resistant, with keyhole slots and hardware for wall mounting. Impedance, 8 ohms. 4 3/4 x 5 1/2 x 3". **11⁹⁵**
40-1227
6 1/2". Same as above. 8 ohms. 4 1/4 x 8 1/4 x 3 7/8". **21⁹⁵**
40-1248

Budget Powerhorns



8". It's shockproof and water resistant for use indoors or out. 15 watts. 8 ohms. Mounting bracket. **33⁹⁵**
40-1239
5". As above. Handles 8 watts. 8 ohms. **21⁹⁵**
40-1236

70-Volt Line Transformer



Use for multi-speaker systems. Permits driving speakers at various power levels from a single 70-volt line—does not affect other speakers in same system. Has taps at 10, 5, 2.5, 1.25 and 0.62 watts. For 4, 8 and 16 ohms. **5⁹⁵**
32-1031

Full-Range Speakers



Use with 4" and 8" ceiling grilles. Impedance, 8 ohms.
4" 10 Watts. **10.95**
40-1197
4" 2 Watts. **5.95**
40-1208
8" 30 Watts. **18.95**
40-1286
8" 10 Watts. **9.95**
40-1272

Round Ceiling Grilles



For mounting 4" and 8" speakers. Solid steel with attractive white enamel finish to match most decors. With mounting hardware.
4" Grille. 40-1220 **4.59**
8" Grille. 40-1223 **5.69**

Wall-Mount Speaker



Perfect for PA paging or background music in office or retail space. Mounts easily on any wall, has an 8" speaker plus a convenient built-in volume control. Impedance, 8 ohms. Handsome walnut vinyl finish. 10 3/4 x 10 3/4 x 4 3/4". **19⁹⁵**
40-219

INCREASE YOUR BUYING POWER—APPLY FOR YOUR RADIO SHACK VALUEPLUS® CREDIT CARD TODAY

AUDIO MIXERS FOR "STUDIO" SOUND



Dual Lighted VU Meters

Five-Channel Stereo Mixer With Three "Pan Pot" Mike Controls

- Inputs for Three Microphones Plus Two Turntables or Two Tape Decks

Our finest! Has "pan pots" to adjust each mike's apparent position in the stereo image, Glide-Path® channel faders and lighted meters for signal monitoring. Mono/stereo switch permits monaural signal to both output channels. Two "cue" buttons. Separate jacks for tape recording and main line-out, 1/4" headphone jack with adjustable level. Audio frequency response is 10-30,000 Hz. 2 3/4 x 10 3/4 x 8 1/2". UL listed AC. (TSP available)

32-1200, Low As \$15 Per Month

119⁹⁵



AC/Battery Operation

Four-Channel Stereo Mixer

- Mixes Two Mikes, Two Turntables & Tape

Make recordings or mix "live" sound like a pro. Features Glide-Path faders, dual VU meters, tape and line outputs, cue monitor and mono/stereo mode switch. Headphone monitor jack, 1/4" mike jacks. Built-in battery tester. Frequency response is 20-20,000 Hz. 2 3/4 x 10 1/2 x 7 1/2". Requires 4 "AA" batteries or AC adapter. (TSP available) 32-1100

AC Adapter. UL listed. 273-1454

69⁹⁵

7.95



Inputs for Tape Deck And Mike Or Guitar

Electronic Reverb Control

Adds echo and reverb effects to recordings, "live" vocals or amplified musical instruments. Adjustable 5-95mS delay. Glide-Path controls. Jacks for line-in, line-out and 1/4" mike in/out. Monaural circuit. 2 1/2 x 6 3/4 x 4 3/4". Requires 6 "AA" batteries. 32-1110

39⁹⁵



Stereo/Mono Switch for Custom Sound Selection

Stereo Mike/Line Audio Mixer

Ideal for recording from multiple sources or adding extra inputs to a PA system. Mixes up to four mikes or line inputs at once. Features Glide-Path faders on all four channels. Battery-test LED indicator, mike level output. 2 3/4 x 8 3/4 x 5". Requires 9V battery. 32-1105

34⁹⁵

REALISTIC® First Choice of People Everywhere Who Demand High Reliability and Value

Tens of thousands of Realistic audio mixers are in use in the USA, and the number is growing daily. When you compare prices and see how much you get for so little money, it's easy to understand why. But there's more to the Realistic story than just low price. Realistic mixers are famous for long-lasting reliability, thanks to Radio Shack's tough quality-control testing.

We've learned how to build electronic equipment that will work day after day, year after year, under the constant set-up demands of musicians and performers traveling from stage to stage. And if a Realistic mixer ever does need service, just take it to your nearby Radio Shack. Only Radio Shack has 7000 repair drop-off and pick-up points. NOBODY COMPARES!

REALISTIC® MIKES—TALK ABOUT VALUE!



Dynamic Microphones for Stage, Recording and PA

(1) Pro-Unidirectional Highball. An outstanding performer for public address, recording and handheld vocal use. 80 to 15,000 Hz response. On/off switch. XLR adaptable. 6" long. Includes removable 16-ft. cable with 1/4" plug, case, stand adapter. (TSP available) **33-984** **57⁹⁵**

(2) Super-Omnidirectional. Flat 40 to 17,000 Hz response. Rubber shock ring. XLR adaptable. 6 3/4" long. Includes removable 16-ft. cable with 1/4" plug, case, stand adapter. (TSP avail.) **33-1070** **44⁹⁵**

(3) Unidirectional Dynamic. Die-cast zinc body. 50 to 15,000 Hz. On/off switch. 8 1/2" long. With 5-ft. cable, 1/4" plug and stand adapter. **33-1073** **35⁹⁵**

(4) Super-Unidirectional. Pattern solves feedback/background noise problems. 80 to 12,000 Hz. 600 ohms. On/off switch. 7" long. With 6-ft. cable, 1/4" plug and stand adapter. **33-992** **27⁹⁵**

(5) Omnidirectional Highball-2. With internal "pop" filter. This mike is excellent for recording vocalists. 50 to 13,000 Hz response. 600 ohms. On/off switch. 8 3/4" long. With 6-ft. cable, 1/4" plug and stand adapter. **33-985** **23⁹⁵**

(6) Unidirectional Highball-7. Built-in filter reduces feedback. 80 to 15,000 Hz response. 600 ohms. On/off switch. 8 1/2" long. With 10-ft. cable, 1/4" plug and stand adapter. **33-986** **17⁹⁵**

Mike stands not included



PZM™ -Type Microphone

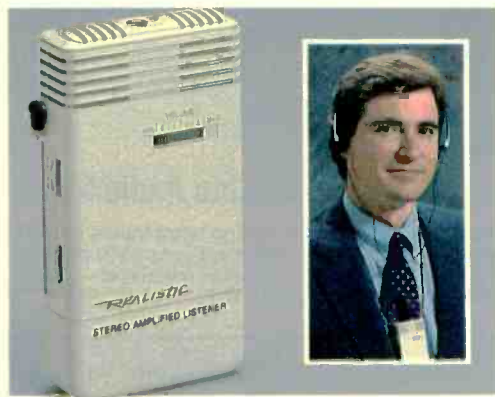
Realistic PZM. Special design helps cut echo effects while increasing clarity and range. 20 to 18,000 Hz response. 600 ohms. 5 1/2 x 4 7/8" metal base. Has 18-ft. cord, 1/4" plug. Requires "AA" battery. (TSP available) **33-1090** **49⁹⁵**



Hands-Free Electret Mikes are Tiny, Tough, Really Convenient

(1) Tie-Clip Omni. Only 3/4" long! 50 to 15,000 Hz response. 1000 ohms. With 3-ft. cord, 1/8" plug. Includes Radio Shack LR44 battery. **33-1052** **19⁹⁵**

(2) Tie-Pin Super-Omni. 7/8" long. 30-18,000 Hz response. 800 ohms. With 6 1/2-ft. cord, 1/8" plug, 1/4" adapter, pin, RS LR44 battery. **33-1063** **27⁹⁵**



Stereo Amplified Listener Boosts Sounds Around You

Amplifies the sounds around you in stereo. Features dual built-in electret mikes, volume and balance controls, convenient top-mounted headphone jack. Hi-boost switch gives sounds extra crispness and clarity. Lightweight and only 4 x 2 1/4 x 7/8". Includes neck cord. Requires stereo headphones with 1/8" plug and 2 "AA" batteries. **33-1093** **21⁹⁵**

Choose From Our Big Selection of Stereo Headphones. See page 27 for lightweight, comfortable headphones to use with Stereo Amplified Listener. **LOW AS 5⁹⁵**



Dual Electret Elements Let You Record in Stereo With One Mike

Cardioid-pattern heads adjust up to 180° apart. 50 to 15,000 Hz. 5 5/8" long. Flip-up stand. Has two slip-on foam windscreens, 6 1/2-foot cord with 1/8" plugs. Requires "AA" battery. **33-1065** **27⁹⁵**

Facts About Pickup Pattern Choice and XLR Adaptability



Cardioid



Omni



Cardioid or Unidirectional. This pickup pattern helps to reduce feedback and background noise.
Omnidirectional. This wide pickup pattern provides equal sensitivity to sound in all directions.

XLR Adaptable. Models 33-984 and 33-1070, above, are easy to adapt to XLR balanced output, used in many professional sound systems. See XLR connectors on page 134 and bulk microphone cable on page 137.

DISCOVER WALK 'N TALK CONVENIENCE

Quality Sound Plus Freedom to Move About

Camcorder FM Wireless Mike

Record clear sound from up to 200 feet away! Crystal controlled for drift-free operation. FM system for noise-free sound. Transmitter has belt clip and tie-clip electret mike with cord. $2\frac{3}{16} \times 3\frac{3}{16} \times \frac{7}{16}$ ". Receiver has low/hi volume control, monitor earphone, cable for camcorder $\frac{1}{8}$ " mike input, shoe mount to attach to camcorder. $2\frac{5}{8} \times 4\frac{5}{16} \times \frac{7}{16}$ ". Requires 2 9V batteries. (TSP available) **69⁹⁵**

Complete FM Wireless Microphone System

Crystal controlled. 200-ft. range, 70-10,000 Hz response. Transmitter has off/standby/talk switch, a battery-test LED, belt clip, mike with cord and tie clip. $2\frac{3}{8} \times 3\frac{3}{4} \times \frac{7}{16}$ ". Requires "AA" battery. Dual-superhet receiver has line/mike-level outputs for recorder or amp. $2\frac{1}{4} \times 6\frac{3}{4} \times 5\frac{1}{4}$ ". UL listed AC (or DC adapter #270-1534, extra). (TSP available) **69⁹⁵**

Wireless FM Mike With Clip Transmits to Any FM Radio

This tiny, low-cost mike is excellent for many remote taping and public address applications. You can also use it to monitor a child's room or play area. Tunable 88 to 108 MHz, it transmits to any FM radio. Range is up to 250 feet outdoors, 100 feet indoors. Has on/off switch. $1\frac{3}{4} \times \frac{3}{4} \times \frac{5}{16}$ ". Requires Radio Shack #23-1521 battery. **19⁹⁵**



Three-Channel FM Wireless Mike System

Hands-free mikes for three users! Receiver has volume control for each mike—works like a mixer. Line and mike-level outputs. UL listed AC (or DC adapter, extra). Each transmitter has mute switch, lapel mike and requires "AA" battery. (TSP available) **32-1228 Low As \$15 Per Month 169⁹⁵**



Remote Mikes for Portable Recorders

On/Off Switch on Mike Starts and Stops Recorder

- (1) Omnidirectional Electret. 20 to 13,000 Hz response. Has $\frac{1}{8}$ " audio plug and $\frac{3}{32}$ " plug to fit remote jack on recorder. 6 1/2-ft. cord. With stand, windscreen and battery. **33-1060 17⁹⁵**
- (2) Omni Dynamic With Windscreen. Features 100-11,000 Hz frequency response. Has a 6 1/2-ft. cord with $\frac{1}{8}$ " audio plug and $\frac{3}{32}$ " remote plug. Low impedance. **33-2001 11⁹⁵**

Foam Windscreen



Fits most mikes and a "must" for outdoors. Reduces wind and breath noises for a more professional performance. **33-373 1.79**
Microphone not incl.

Mike Accessories



- (1) 13" Gooseneck. Adjust mike to any position. **33-330 5.99**
- (2) $\frac{5}{16}$ " Screw Flange. For mounting Fig. 1. **33-332 2.59**

Mike Stand Adapters



- (1) **Clamp-On**. Spring-action design. Holds mike securely. **33-372 . . . 4.29**
- (2) **Slip-In**. Fits standard $\frac{5}{8}$ "-27 threading. **33-371 . . . 2.89**
Stands not incl.

Desk Mike Stand



Professional quality and appearance at a low price. Heavy-duty cast iron base with protective padded feet and 4" chromed tube. Standard $\frac{5}{8}$ "-27 thread. **33-370 6.99**

XLR Impedance Adapters



- (1) **A3F**. Lets you use balanced mike/line with high-impedance $\frac{1}{4}$ " input. **274-016 11.99**
- (2) **A3M**. Lets you use high-impedance, $\frac{1}{4}$ "-plug mike with balanced line or system. **274-017 11.99**

31" Boom Adapter



Attaches to mike stand and lets you position mike where you want it. Features adjustable length and angle, built-in counterweight, chromed finish. Standard $\frac{5}{8}$ "-27 threading. **33-344 15.95**

Heavy-Duty Mike Stand



Premium quality! Use for stage, studio or home recording. Cast iron base. Adjusts from 34" to 64". Standard $\frac{5}{8}$ "-27 thread. **33-320 . . . 21.65**

Portable Folding Stand



Extra-sturdy, take-anywhere! Adjusts from 32" to 57". Folds up for transport or storage. Rubber feet. Standard $\frac{5}{8}$ "-27 threading. **33-325 23.95**

OUR HIGHLY RATED AUDIO CASSETTES

AUDIO TAPE



Choose SUPERTAPE® for Premium Performance at Everyday Low Prices

Our Best! MIV Digital-Ready Metal Type IV

Enjoy greater high-frequency headroom and audio reproduction that is virtually indistinguishable from open-reel recordings. Recommended for personal taping from compact disc. Designed for recording on metal-capable equipment only. Plays back on all cassette equipment. Precision 5-screw housing reduces wow and flutter. Special non-abrasive cleaning leader. Hinged storage box with handy index card.

Type	Total Recording Time	Cat. No.	Each
MIV-60	60 Minutes	44-960	4.99
MIV-90	90 Minutes	44-961	5.99

Digital-Ready HD Chrome Equivalent Type II

Get excellent recordings on decks with CrO₂/hi-bias position. Captures loudest and softest passages while reducing noise. Plays on all cassette equipment. Special non-abrasive cleaning leader. Precision 5-screw housing. Hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
HD-46	46 Minutes	44-942	2.39
HD-60	60 Minutes	44-940	2.49
HD-76	76 Minutes	44-943	2.79
HD-90	90 Minutes	44-941	2.99
HD-100	100 Minutes	44-944	3.69



LN Low-Noise Standard Ferric Type I

High-flux-density oxide formula delivers high output with low noise. Precision housing cuts wow and flutter. For recording and playback on all cassette equipment.

Type	Total Recording Time	Cat. No.	2-Pack
LN-30	30 Minutes	44-901	1.69
LN-60	60 Minutes	44-902	1.99
LN-90	90 Minutes	44-903	2.39
LN-120	120 Minutes	44-904	3.49

Premium MII Type II Metal for Hi-Bias Decks

A superb metal tape for recording in equipment with CrO₂/hi-bias 70µs EQ switch position. Provides exceptionally wide dynamic range and much lower noise. Plays on all cassette equipment. Each has a non-abrasive head-cleaning leader, precision 5-screw housing and includes a hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
MII-60	60 Minutes	44-950	3.99
MII-76	76 Minutes	44-952	4.49
MII-90	90 Minutes	44-951	4.79
MII-100	100 Minutes	44-953	4.99

Premium XR Extended-Range Ferric Type I

Audiophile-quality tape at bargain prices! Delivers optimum performance at normal bias for greater musical "detail." Precision 5-screw housing reduces wow and flutter. For recording and playback on all cassette equipment. Non-abrasive head-cleaning leader. Hinged storage box with index card.

Type	Total Recording Time	Cat. No.	Each
XR-46	46 Minutes	44-920	1.39
XR-60	60 Minutes	44-921	1.49
XR-90	90 Minutes	44-922	1.99
XR-120	120 Minutes	44-923	2.79

SUPERTAPE® Our Exclusive Brand—Highly Rated by a Leading Audio Magazine

In recent tests, our SUPERTAPE outperformed many other famous-brand tapes. With five state-of-the-art formulas, there's a SUPERTAPE cassette to bring out the best performance from

every type of recorder. And the new 76 and 100-minute lengths are ideal for making personal recordings from digital compact discs. Choose SUPERTAPE and you'll hear an improvement!

KEEP YOUR RECORDER PLAYING LIKE NEW



Bulk Eraser

Complete erasing fast! (Not for metal or videotape.) UL listed AC. 44-232 **19⁹⁵**



Head Demagnetizer

Helps cut hiss. For cassette, 8-track and open-reel. UL listed AC. 44-225 **9⁹⁵**



Lighted "Demag"

Lighted 3 1/2" probe works with all tape decks. UL listed AC. 44-207 **15⁹⁵**



Head Demagnetizer

Loads like ordinary cassette, works fast. With indicator, battery. 44-1165 **10⁹⁵**



Demag/Cleaner Kit

For answers, too. Demag cassette, probe, mirror, solution. 44-1167 **5⁹⁵**



Liquid Deck Cleaner

Felt pads clean head, roller and capstan. With 1/2-oz. fluid. 44-1163 **3⁹⁹**



Head Cleaner Kit

Extends tape life by cleaning entire tape path. With fluid. 44-1162 **2⁸⁹**



Head Cleaner

For cassette. Non-abrasive tape helps restore clarity. 44-1160 **1⁹⁹**



"Pro" Cleaning Kit

For audio and video equipment. Solvent, six foam swabs. 44-1170 **3⁷⁹**



"Pro" Cleaner Spray

For all tape equipment. Special zero-residue formula cuts dirt and oxide. 6 ounces. 44-1014 **3⁹⁹**



Pro-Style Cleaning Solvent

Dissolves dirt and oxides to protect components and improve audio performance. 2 ounces. 44-1171 **3⁵⁹**



Standard Cleaner Solution

Effectively cleans tape heads, guides and rollers. 2 ounces. 44-1010 **9^{9c}**



Flexible Swabs

Ultra-thin foam swabs with antistatic treatment for cleaning in tight spots. 44-1001 **PKG. OF 10 2⁴⁹**



Cleaning Swabs

Lintless foam. Perfect for cleaning delicate audio and video equipment. 44-1094 **PKG. OF 10 2²⁹**



Cleaning Sticks

Handy cotton-tipped sticks for cleaning all those hard-to-reach parts. 44-1093 **PKG. OF 100 1⁶⁹**



Cleaner/Lube Kit

10 swabs, 1 1/4-oz. bottles of cleaner and lubricant. For tight spots. 44-217 **2¹⁹**



Non-Slip Solvent

Stops slippage of belts, cords and idlers in tape decks. Fast drying. Two fluid ounces. 44-1013 **9^{9c}**



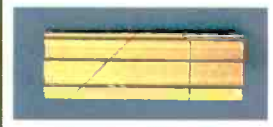
Cleaning Cloths

Chemically treated for cleaning equipment, tapes, component covers. 44-1088 **PKG. OF 4 1⁸⁹**



Cassette Tape Splicer

Precision cut/trim lever. Includes one roll of splicing tape. 44-214 **6⁹⁹**



Editing Block

Aluminum. For all tapes. 90° and 45° blade guides, mtg. strip. 44-224 **3⁹⁹**



Splicing Tape

Comes in 100" roll.

Width	Cat. No.	Each
7/32"	44-1125	.89
3/8"	44-1126	.89
1/2"	44-1128	.89



Leader Tape

Perfectly suited for indexing your reel-to-reel tapes. This roll is 7/32" wide and 200" long. 44-1131 **9^{9c}**



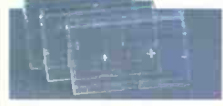
Sensing Tape

Controls recorders and tape decks equipped with contact-type or photoelectric sensors. 100" roll. 44-1155 **3³⁹**



Cassette Shell

Easy way to replace a damaged housing with a new one. Includes 24" of leader and instructions. 44-626 **1¹⁹**



Cassette Boxes

Handy hinged boxes to store and protect your favorite audio cassette tapes. 44-611 **PKG. OF 3 1³⁹**



Index Labels

Self-adhesive. This set includes six each of red, yellow, blue and green. 44-621 **PKG. OF 24 9^{9c}**



Index Cards

Replace used-up cards. Keep track of the music or data on your tapes. Fits standard cassette box. 44-623 **PKG. OF 20 1²⁹**



Cassette Mailers

Excellent for audio "letters" and demo tapes. Molded. Comply with first-class postal regulations. 44-608 **PKG. OF 3 9^{9c}**



Budget Mailers

These heavy-duty cardboard boxes meet all the first-class postal regulations. Include labels. 44-632 **PKG. OF 6 8^{9c}**



Foot Switch

Provides convenient hands-free remote on/off control of recorders with remote control jack. Ideal for typing from dictation. 44-610 **3⁹⁹**



Phone Pickup

For recording personal calls. Attaches to telephone receiver. (May be incompatible with electronic phones.) 44-533 **2⁸⁹**



Car DC Adapter

Saves on batteries and works with most portables. Plugs into car lighter socket. Delivers 6 or 9 volts output. 14-844 **6⁹⁹**

ORGANIZE AND PROTECT YOUR TAPES

AUDIO & VIDEO TAPE STORAGE



Personal Stereo Case

■ Carry Strap
STEREO-MATE® padded nylon case for AM/FM radios or cassettes. **7⁹⁵**
44-689



Carry-All Waist Pack

■ Zippered
NEW! Water-repellent soft case with an adjustable belt. **44-636 5⁹⁵**
Avail. Sept. 30, 1990



Universal Case

■ For 10 Audio or 8mm Cassettes
Also holds most personal stereos. With strap. **44-681 9⁹⁵**

Cassette Case

■ Slim Design
Stores 15 boxed tapes or most personal players. Carry strap. **44-688 7⁹⁹**



Cassette Case

■ 12 Audio Or 8mm Tapes

12 boxed/24 unboxed or 12 8mm tapes. Carry handle, heavy-gauge vinyl. **44-657 6⁹⁵**



Shock-Protected Soft Case

■ 15 Boxed, 24 Unboxed Cassettes

NEW! Padded nylon interior keeps your favorite cassettes safe. **44-635 8⁹⁵**
Available Sept. 30, 1990



Padded Tape Case

■ 30 Audio or 8mm Cassettes

For 30 boxed/60 unboxed audio tapes, 30 8mm tapes. Has rip-stop fabric. **44-686 14⁹⁵**



Universal Cassette Case

■ 60 Audio or 8mm Tapes

For 60 boxed/120 unboxed audio tapes or 60 8mm video tape cassettes. **44-679 18⁹⁵**



Solid-Oak Case for CDs & Audio/Video Cassettes

■ 1/4" Oak Construction

Handsome case holds audio cassettes, CDs, game cartridges, 8mm or VHS-C video tapes or a combination of them all. **10 1/4 x 16 3/4 x 4 5/8". 44-693 29⁹⁵**

Audio/Video Tape Tray



Holds 15 tapes. Tinted cover keeps out harmful dust and protects tapes. **44-665 3⁸⁹**



Audio Cassette Module

■ Interlock For Easy Stacking

Stack horizontally or vertically. For 10 boxed or 16 unboxed cassettes. **44-685 2⁴⁹**



VHS Cassette Rewinder And Fast-Forwarder

Frees VCR for use while you rewind or fast-forward another video tape. Requires 4 alkaline "C" batteries or AC adapter. Has auto-stop. **44-1140 29⁹⁵**



Deluxe VHS/Beta Tape Rewinder/Fast-Forwarder

Rewind or fast-forward your video cassettes quickly and easily. Saves VCR wear. Auto-stop. UL listed AC adapter (or DC adapter, extra). **44-1141 41⁹⁵**



Universal VCR Cover

Static-resistant vinyl keeps out damaging dust. See-through front. Fits most standard models of VCRs. Measures 5 x 18 x 13 1/4". **44-1182 7⁴⁹**



Deluxe VCR Cover

Quilted material provides protection for your machine and allows heat and moisture to escape. Fits most VCRs. Measures 4 x 17 1/2 x 14". **44-1183 9⁹⁹**



Relabeling Kit

■ Uniform Labeling

For VHS or Beta video cassettes. Kit includes 10 adhesive label sets. **44-1103 1⁵⁹**



Stackable VHS/Beta Video Cassette Storage Module

■ Interlock to Expand
■ Stacks Vertically Or Horizontally

Keeps your tape recordings organized. Expand storage space as your library grows. Holds six. **44-1102 4⁹⁹**



Deluxe VHS/Beta Video Cassette Library Albums

■ Low-Cost Protection for Your Tape Library

Individual book-style storage cases organize and protect your valuable tape recordings. **44-1105 2⁹⁹**



Video Tape Labeling Kit

Twenty label cards and ten adhesive-backed holders for neater labels. **44-1104 1⁹⁹**

TAPES ARE NOT INCLUDED WITH THE ITEMS SHOWN ON THIS PAGE

SUPERTAPE® VIDEO-YOUR CLEAR CHOICE



The Standard of Excellence for High-Quality Video Recording and Playback

VHS T-120 Cassette. Up to 6 hours taping time. Excellent color stability. Was \$5.99 in 1990 Catalog. 44-400

NEW LOW PRICE!
4⁹⁹

Beta-750 Cassette. Up to 4½ hours recording time. Was \$5.99 in 1990 Catalog. 44-475

NEW LOW PRICE!
4⁹⁹

VHS T-120 SUPERTAPE HG. Exceptional resolution even at slow speed. Was \$6.99 in 1990 Catalog. 44-410

NEW LOW PRICE!
5⁹⁹

Beta L-750 SUPERTAPE HG. Incomparable recordings, play after play. Was \$7.99 in 1990 Catalog. 44-480

NEW LOW PRICE!
6⁹⁹

VHS T-120 Pro High-Grade Cassette. The right choice for your master recordings. Premium fine-particle formulation delivers rich colors and razor-sharp detail. Use in your hi-fi VCR for extended frequency response. Was \$9.99 in 1990 Catalog. 44-411

NEW LOW PRICE!
8⁹⁹

VHS T-30 Pro High-Grade Camera Cassette. Specially designed for demanding commercial and everyday applications. Premium fine-particle formulation gives outstanding performance. Includes protective box. Was \$7.99 in 1990 Catalog. 44-412

NEW LOW PRICE!
6⁹⁹



Automatic VCR Cleaning Systems

- Our Best Cleaners
- For VHS and Beta

Wet nonabrasive system thoroughly cleans heads, capstans, pinch rollers, guides. With cleaning fluid.

VHS. 44-1185 **EACH 12⁹⁵**
Beta. 44-1186



Wet/Dry VCR Cleaner

Improve your record and playback quality. Wet tape dissolves harmful deposits, then dry tape carries them away. 44-1145 **9⁹⁹**



VCR Dry Cleaning System

Removes harmful deposits that build up on your VCR heads. Simple to use—just insert into player like a tape. 44-1146 **9⁹⁵**

- Our Economical Cleaner for VHS Equipment
- Loads Like a Tape to Clean



8mm Video Recording Tape

MP-120. Delivers crisp, colorful images even after multiple recordings and plays. Records up to 4 hours. Was \$11.99 in 1990 Catalog. 44-451

NEW LOW PRICE!
9⁹⁹

NEW! HG-120. The best! Produces 25% improvement in quality over standard tapes. Up to 4 hours recording time. 44-452 **11⁹⁹**
Avail. Oct. 30, 1990



8mm VCR Cleaner

- Restores A/V Quality

Restores record/playback quality. Includes Cleaning fluid. Non-abrasive. 44-1147 **10⁹⁵**



Bulk Tape Eraser

- For Video & Audio Tape

Fast, complete erasing. For metal audio tape, too. UL listed AC. 44-233 **31⁹⁵**



VHS-C Camcorder Cassettes

VHS-C TC-20 SHG. Exclusive formulation delivers brilliant colors—even after multiple recordings. Was \$6.99 in 1990 Catalog. 44-430

NEW LOW PRICE!
5⁹⁹

VHS-C TC-20 MHG. Master High Grade delivers best results at regular and slow-speed recording. Was \$7.99 in 1990 Catalog. 44-431

NEW LOW PRICE!
6⁹⁹



VHS-C VCR Cleaner

- Reduces Wear

Keeps recorder heads clean and improves picture quality. Fluid included. 44-1187 **9⁹⁵**



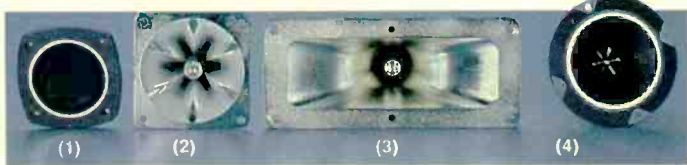
VCR Cleaning System

- Complete Care Set

For all types of VCRs. Brush, mirror probe, glove and cleaning fluid. 44-1172 **9⁹⁵**

SHOP OUR VIDEO SHACK® FOR A COMPLETE LINE OF VIDEO ACCESSORIES STARTING ON PAGE 81

MIDRANGES, TWEETERS AND MORE



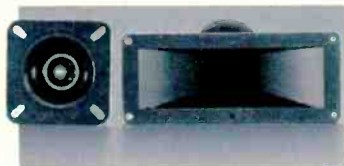
Upgrade Your System With High-Power-Handling Piezo Tweeters

Efficient ceramic drivers replace coil/magnets. No crossovers required.

- (1) 2" Cone. 75 watts, 5-25 kHz. 93 dB (1W/1M). 40-1383 **4.95**
- (2) 3.5" Horn. 75 watts, 4-27 kHz. 94 dB (1W/1M). 40-1396 **13.95**
- (3) 2 x 6" Horn. 75 watts, 2-25 kHz. 94 dB (1W/1M). 40-1379 ... **14.95**
- (4) 3.75" Horn. 75 watts, 4-25 kHz. 92 dB (1W/1M). 40-1397 ... **9.95**



Detailed Stereo Imaging



Dynamic Tweeter Horns

Wide, controlled dispersion.

Type	Cap. in W	Eff. Range (kHz)	SPL 1W/1M	Cat. No.	Each
2 1/4"	50	6-16	98	40-1278	12.95
2 x 6"	60	5-17	96	40-1228	16.95

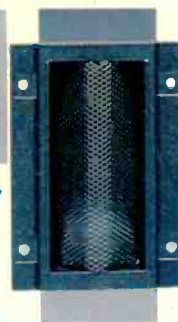
Wide Dispersion Dome Tweeter

Reacts quickly to input for excellent transient and high-frequency response. Efficient 1" mylar dome. Power: 40 watts. Range: 6-20 kHz. SPL: 87 dB (1W/1M). 40-1276 **15.95**



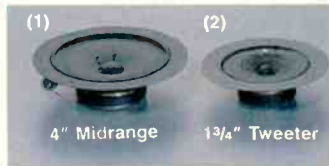
Dual Radial Super Horn Tweeter

Specially designed 4" tweeter has extended response of 4-50 kHz. Power handling capacity: 70 watts. SPL: 90 dB (1W/1M). Wide dispersion. 40-1377 **17.95**

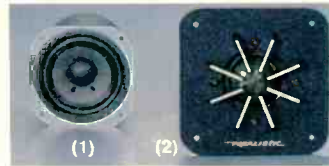


Rectangular Piezo Tweeter

State-of-the-art tweeter has frequency response of 4000-27000 Hz. Wide dispersion delivers excellent imaging throughout the listening area. 85 watts. SPL: 92 dB (1W/1M). 40-1398 .. **10.95**



4" Midrange 1 3/4" Tweeter



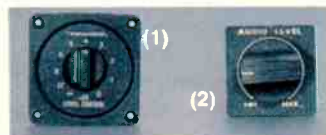
Dynamic Midrange Speakers

- (1) 3" Mid/Tweeter. 0.7-20 kHz. 30 watts. 89 dB (1W/1M). Magnet: 3 oz. 40-1289 **12.95**
- (2) Soft-Dome 4" 1.5-10 kHz. 70 watts. 86 dB (1W/1M). Magnet: 10.8 oz. 40-1281 **21.95**

Dynamic Cone Drivers

Extend high and mid frequencies.

Fig.	Cap. in W	Eff. Range (kHz)	SPL 1W/1M	Mag. Wt. (Oz.)	Cat. No.	Each
1	40	1.5-11	92	2.8	40-1282	11.95
2	50	5-20	91	2	40-1270	8.95



Mono L-Pad Volume Controls

Each controls one 8-ohm speaker. Mounts in wall or speaker cabinet.

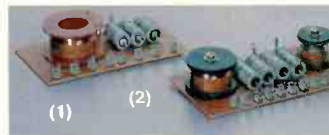
- (1) 75 Watt Peak. 40-977, **9.95**
- (2) 25 Watt Peak. 40-980, **5.95**



Stereo L-Pad Volume Controls

Each controls two 8-ohm speakers. Fits most elect. wallboxes.

- (1) 75 Watt Peak. 40-978, **15.95**
- (2) 25 Watt Peak. 40-979, **9.95**



Universal Crossovers

- (1) Two Way. 2000 Hz, 2500 Hz or 4000 Hz. 100 watts. 40-1296 ... **7.95**
- (2) Three Way. 800/5000 Hz, 800/7000, 1600/5000 Hz, 1600/7000 Hz. 100 watts. 40-1299 **14.95**



Speaker Flush-Wall Jacks

- (1) With two phono plugs, mounting hardware. 40-981 **3.29**
- (2) 2 color-coded, spring-loaded push terminals. 40-975 ... **3.39**



Black Metal Speaker Grilles

8" Round. With mounting screws. 40-1345 **7.95**

12" Round. Includes mounting screws. 40-1346 **10.95**



Heavy-Duty Grille Fabric

Perfect material for stage equipment and bands, this fabric is made tough to resist tearing and protect speakers. 36 x 32". 40-1952 **7.95**



Speaker Grille Cloth

Fig	Description	Size	Cat. No.	Each
1	Brown	36 x 34"	40-1936	7.95
2	Black	36 x 34"	40-1935	7.95
3	Basket Weave	36 x 32"	40-1949	6.95



Foam Speaker Grille

Trim with scissors for custom fit. Acoustically transparent. 17 x 23 1/2 x 3/4". Brown. 40-1946 .. **7.95**
Black. 40-1951 .. **7.95**



Ceiling Speaker Grilles

- Round grilles with hardware.
- 4" 40-1220 **4.59**
- 8" 40-1223 **5.69**



Metal Wall Brackets

Each supports up to 50 lbs. With hardware for mounting two speakers. 40-150 **3.49**



Fiberglass Acoustic Insulation

Easy to install. Damps out unwanted effects in speaker enclosures. Measures one square yard. 42-1082 .. **3.49**



Speaker Fuse Holder

Provides low-cost speaker overload protection. Rated at 3 amps. Requires fast-acting fuse. 270-1210 .. **2.39**

SPEAKERS FOR UPGRADING & CUSTOM USE

Speaker Selector Switch

Controls two pairs of stereo speakers. Select pair-one, pair-two or both. Metal case with predrilled tabs. Screw terminals. With mounting hardware. 40-130 **6.95**



Three-Way Switch Box for Six Speakers

Controls three pairs of speakers from one location. Rated at 10 watts. Simulated-walnut finish. 40-125 **17.95**



High-Power Eight-Speaker Switch Box

Designed to handle higher-powered amplifiers and receivers. Spring-terminal connectors. Handles 100 watts per channel. 40-136, **31.95**



Popular Wide-Range Speakers

Size	Cap. (W)	Magnet Wt.(oz.)	Cat. No.	Each
3"	2.0	0.4	40-248	2.99
2 1/4"	0.5	0.4	40-246	2.89
2"	0.5	0.4	40-245	2.39



Wide-Range 6" Speakers

Size	Cap. (W)	Effective Range (Hz.)	Magnet Wt. (oz.)	Cat. No.	Each
6" w/Whizzer	20	55-12K	9.8	40-1285	16.95
6"	5	90-12K	2.8	40-1242	6.95



Full-Range 8" Speakers

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	SPL 1W/1M (dB)	Magnet Wt. (Oz.)	Cat. No.	Each
10	75-25K	75	88	2.8	40-1271	7.95
10	90-20K	90	87	5.3	40-1272	9.95
30	57-16K	57	93	9.4	40-1286	18.95



4" Woofer

Long-throw cone excursion for solid bass. 8-ounce magnet. 40-1022 **13.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	V _{AS} (ft ³)	SPL 1W/1M (dB)
10	55-5000	55	.35	.23	84



Poly 6 1/2" Woofer

Great for bookshelf-size systems. 10-ounce magnet. Polypropylene. 40-1011 **21.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	V _{AS} (ft ³)	SPL 1W/1M (dB)
50	50-6000	50	.40	1.5	89



8" Woofers

Paper. 16-oz. magnet. 40-1016, **29.95**
Poly. 10-oz. magnet. 40-1024, **33.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	SPL 1W/1M (dB)	Q _{ts}	Cat. No.
50	45-2500	50	91	58	40-1016
50	40-3000	35	89	48	40-1024



10" Woofer

Foam surround. Long-throw cone for a solid bass. 9-ounce magnet. 40-1331 **35.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	V _{AS} (ft ³)	SPL 1W/1M (dB)
50	40-5000	40	.93	4.3	91



Poly 12" Woofer

Delivers solid low-frequency response. Polypropylene. 19-ounce magnet. 40-1026 **53.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	V _{AS} (ft ³)	SPL 1W/1M (dB)
50	40-3000	21.5	.665	15.5	89



Poly 15" Woofer

Bass you can feel. Hefty 24.4-ounce magnet. Polypropylene. 40-1301 **64.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	V _{AS} (ft ³)	SPL 1W/1M (dB)
100	30-1500	20	.45	21.0	92



15" Instrument Speaker

Popular choice of demanding musicians. Magnet weight: 27.6-ounce. 40-1319 **59.95**

Cap. (W)	Eff. Range (Hz)	F ₀ (Hz)	Q _{ts}	SPL 1W/1M (dB)
100	62-3000	62	.95	91.5



8" Subwoofer

NEW! Dual voice coils. 18-ounce magnet. Q_{ts}: .48. V_{AS} (ft.³): 1.7. F₀ (Hz): 45. 40-1348 **41.95**

Coil	Cap. (W)	Eff. Range (Hz)	SPL 1W/1M (dB)	Ohms Imp.
Mono	100	40-1000	86	8
Each	50	40-1000	92	4



12" Subwoofer

Dual voice coil—connect both channels of stereo receiver/amplifier to a single speaker. 19-ounce magnet. Q_{ts}: .38. V_{AS} (ft.³): 13.3. F₀ (Hz): 21. 40-1350 **61.95**

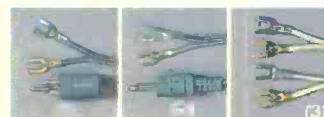
Coil	Cap. (W)	Eff. Range (Hz)	SPL 1W/1M (dB)	Ohms Imp.
Mono	120	26-2700	89	8
Each	60	26-2700	95	4

Radio Shack Is America's Favorite One-Stop-Shopping Center for Cables



Speaker Cables. These have an RCA-type plug at each end.

Feet	Color	Gauge	Cat. No.	Price
50	Brown	18	42-2480	8.99
24	Brown	18	42-2478	4.99
12	Brown	18	42-2479	3.99
24	Gray	24	42-2392	3.29
24	White	24	42-2430	3.29
12	Gray	24	42-2445	2.75
12	White	24	42-2431	2.75



(1) **Plug-to-Lug Cables.** RCA plug. 24 Feet. 24 gauge. 42-2450 **2.39**
12 Feet. 24 gauge. 42-2449 **2.25**

(2) **1/8" Plug-to-Lug Cable.** 12-ft., 24-gauge cable. 42-2454 **2.25**

(3) **Lug-to-Lug Cables.** Solderless. Color-coded for easy hookup. 24 Feet. 24 gauge. 42-2446 **2.19**
12 Feet. 24 gauge. 42-2447 **1.65**



24-Foot Speaker Cables.

(1) **Tinned to phono.** 42-2457, **4.69**
(2) **Tinned ends.** 42-2456 **4.29**
(3) **Pin Connector.** Top quality! Special cable made from low-loss 18-gauge copper wire with tinned pins at each end for easy hookup to spring terminals. Color-coded fingergrrips. 42-2455 **4.99**

NOMINAL IMPEDANCE OF ALL SPEAKERS ON THESE TWO PAGES IS 8 OHMS, EXCEPT PIEZO TWEETERS AND SUBWOOFERS

AUDIO CONNECTIONS YOU CAN COUNT ON



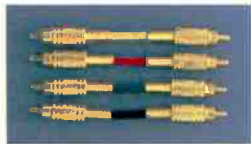
"Gold" Patch Cable

Shielded, extra-rugged stereo patch cable with gold-plated phono connectors. 3 ft. long. 42-2601 **9.95**



"Gold" Extension

Shielded patch cable extender with gold-plated phono plugs on one end, gold-plated jacks on the other. 3 ft. 42-2602 **9.95**



"Gold" Cable Set

Set of four very low-loss, shielded, heavy-duty audio cables. Gold-plated phono plug at each end. 3 ft. 42-2603 **16.95**



"Gold" Ribbon

Shielded 4-conductor cable with gold-plated phono connectors. Ideal for tape deck hookup. 3 ft. 42-2604 **16.95**



"Gold" 6-Ft. Patch

NEW! Shielded, extra-rugged stereo patch cable with gold-plated phono connectors. 42-2605 **11.95**



Dual Patch Cables

Fully shielded. With color-coded phono plugs. 3-Ft. 42-2354 **6.99**
6-Ft. 42-2355 **8.89**



Patch Cables

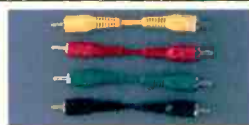
Fully shielded.

Feet	Cat. No.	Each
3	42-2351	3.69
6	42-2352	4.39



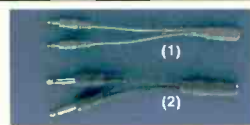
Patch Extension

Shielded 3-ft. cable with two phono plugs at one end, two phono jacks at the other. 42-2353 **3.79**



Audio Cable Set

Set of four shielded 3-ft. audio cables with phono plug connectors. 42-2309 **5.69**



Y-Adapters

(1) 1/8" Jack to Two 1/8" Plugs. 42-2158 **2.99**
(2) 1/4" Jack to Two 1/4" Plugs. 42-2156 **3.59**



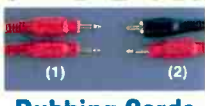
FM Antenna

Dipole with spade lugs to connect to 300-ohm FM input. 42-2385 **2.99**



Audio Cable

Shielded 6-ft. cable with 1/8" stereo plug at each end. 42-2387 **3.49**



Dubbing Cords

(1) With 1/8" Plug. 6 1/2 ft. 42-2152 **3.39**
(2) Phono to 1/8" Plg. 6 ft. 42-2461 **3.89**



Mini Ys

Stereo 1/8" plug to two phono plugs. 3-Ft. 42-2475 **4.39**
6-Ft. 42-2481 **4.99**



DIN Cable

Shielded 6-ft. cable with 5-pin male DIN connector at each end. 42-2151 **4.99**



Stereo Y

Allows you to record from headphone jack. Stereo 1/4" plug to two phono plugs. Shielded 6-ft. long. 42-2474 **5.95**



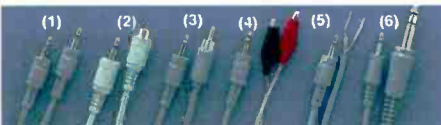
Shielded Cables With 1/4" Plug

Fig.	Description	Feet	Cat. No.	Each
1	1/4" Plug to Phono Jack	6	42-2377	2.95
2	1/4" Plug to 1/4" Plug	6	42-2381	3.35
3	1/4" Plug to Phono Plug	6	42-2373	3.25
4	1/4" Plug to 90° Phono Plug	6	42-2440	2.89
5	1/4" Plug to 1/8" Mini Plug	6	42-2433	2.95



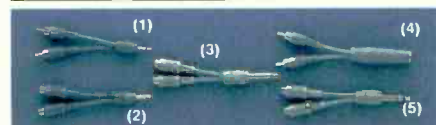
Phono-Connector Shielded Cables

Fig.	Description	Feet	Cat. No.	Each
1	Phono Jack to Phono Jack	6	42-2358	2.55
2	Phono Plug to Phono Jack	3	42-2361	2.29
2	Phono Plug to Phono Jack	6	42-2362	2.45
2	Phono Plug to Phono Jack	12	42-2363	3.29
3	Phono Plug to Phono Plug	1 1/2	42-2365	1.79
3	Phono Plug to Phono Plug	3	42-2366	1.89
3	Phono Plug to Phono Plug	6	42-2367	2.45
3	Phono Plug to Phono Plug	12	42-2368	3.49
4	Phono Plug to Tinned Wire	3	42-2370	1.69
4	Phono Plug to Tinned Wire	6	42-2371	1.95
4	Phono Plug to Tinned Wire	12	42-2372	2.29



Shielded Cables With 1/8" Plugs

Fig.	Description	Feet	Cat. No.	Each
1	1/8" Plug to 1/8" Plug	6	42-2420	2.35
2	1/8" Plug to 1/8" Jack	6	42-2472	3.25
3	1/8" Plug to Phono Plug	6	42-2444	2.19
4	1/8" Plug to Alligator Clips	6	42-2421	2.35
5	1/8" Plug to Stripped Ends	6	42-2434	2.35
6	1/8" Plug to Stereo 1/4" Plug	6	42-2157	3.99



Shielded Y-Adapters

(1) Two Phono Plugs to Monaural 1/8" Plug. 9" cables. 42-2153 **2.29**
(2) Two Phono Jacks to a Monaural 1/8" Plug. 9" cables. 42-2154 **2.29**
(3) Two Phono Jacks to a Monaural 1/4" Plug. 5 3/4" cables. 42-2150 **2.29**
(4) Two Phono Plugs to a Stereo 1/4" Jack. 42-2471 **3.79**
(5) Two Phono Jacks to a Stereo 1/4" Plug. 42-2477 **2.59**



Shielded Guitar Cords

(1) 15-Foot Coiled. Retracts to 3 ft. Straight 1/4" plug to 90° 1/4" plug. 42-2473 **6.99**
(2) 12-Foot Coiled. With right-angle 1/4" plugs. 42-978 **4.99**



Mike Cable Extensions

(1) 25-Ft. 1/4" plug to 1/4" jack. 42-2379 **5.99**
(2) 12-Ft. 1/4" plug to 1/4" jack. 42-2378 **4.29**



Shielded Phono Plug Y-Adapters

Ideal for Custom Hookups

(1) Two phono plugs connected to one phono jack with 4"-long cables. 42-2435 **2.79**
(2) One phono plug connected to two phono jacks with 3"-long cables. 42-2436 **2.69**
(3) Two phono plugs connected to one phono plug with 4"-long cables. 42-2438 **2.29**

PROTECT YOUR VALUABLE CDs AND LPs



Compact Disc Carrying Case

NEW! Organize your CD collection. This durable padded vinyl case will hold up to 16 compact discs in their jewel boxes or eight CD double-packs. Has an easily adjustable shoulder/carrying strap. 42-218 **11.95**



Compact Disc Player Lens Cleaner

- Safe, Easy Way to Clean Laser Lens
- For Home and Portable Players

Available Sept. 30, 1990

NEW! Just insert this specially encoded disc to clean laser pickup. Nonabrasive. (Not for magazine-type changers.) 42-123 **14.95**



Battery-Powered CD Cleaner

- Cleans in 15 Seconds

NEW! Fast, safe, easy and effective. This device cleans compact discs to keep them playing like new. Shuts off automatically. With fluid. Requires 2 "AA" batteries. 42-124 **29.95**

Available Sept. 30, 1990



Solid-Oak CD And Audio Tape Storage Case

- Protect and Organize Your Collection

Beautifully finished 1/4" oak construction. Holds up to 60 CDs, 42 cassettes, 30 video game cartridges or a combination. 44-693 **29.95**



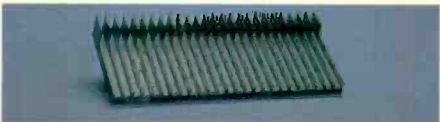
Compact Disc Cleaning System

Removes fingerprints, dust and dirt from your compact discs to help eliminate "skipping". With cleaning case, fluid, brush and instructions. 42-116 **12.95**



Budget Compact Disc Cleaner

Low-cost cleaning for compact discs. Safely removes dirt, fingerprints and dust. With base, cleaning pad and fluid. 42-113 **4.95**



Compact Disc Storage Rack

Vertical storage—the best way to protect your CDs. Holds 25 compact discs. Attractive and extra-durable molded construction. 42-215 **5.95**



Compact Disc Storage Rack

Protect Your CDs

This rugged molded rack lets you organize and store up to 10 compact discs in their jewel boxes. 42-214 **5.95**



Compact Disc Jewel Boxes

Now you can easily replace scratched, cracked or lost CD jewel boxes. 42-122 **Pkg. of 2/2.99**



Record Cleaning Fluid

Safely cleans records and styli. Also helps cut static. Controlled-flow tip reduces waste. 42-119 **1.99**



Pro Record Cleaner

Includes velvet-surfaced brush, base and 2 oz. of fluid. 42-117 **7.95**



Mag-Cartridge Preamp

Adapts amplifiers, receivers or portables having only aux or ceramic phono inputs to accept a turntable with a magnetic cartridge. UL listed AC. 42-2109 **24.95**



AC Power Controller

Switches entire audio/video system on/off when you switch just one component. 3-prong outlets. Built-in spike protector and noise filter. UL listed AC. 61-2781 **49.95**



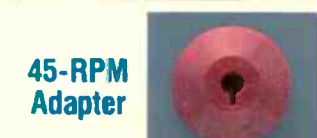
Record/Stylus Cleaner

Gently cleans records and phono stylus tip. With fluid, case. 42-140, **4.99**



LP Spray Cleaner

Spray and special cleaning cloth effectively remove dust and dirt to prolong record life. Helps cut static. 42-2500 **2.99**



45-RPM Adapter

Instantly lets you play 45-RPM records on any standard phono spindle. 42-120 **69¢**



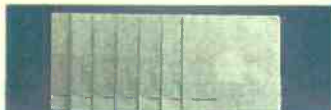
Phono Replacement Headshell

Low-mass design. Fits most S-shaped phono tonearms and accepts popular cartridges. With hardware. 42-2752 **5.99**



"Single" Sleeves

Keep your favorite 45-RPM records dust-free and prevent scratching. 42-142 **Pkg. of 20/2.39**



LP Sleeves

Protect LPs from dust and scratches. Replace torn or lost sleeves. 42-132 **Pkg. of 10/2.79**



Foam Phono Cushion

Anti-resonant 12" cushion gently supports record and helps reduce turntable rumble. 42-361 **1.19**



Antistatic Phono Cushion

Carbon-impregnated 12" mat helps cut noise and pop caused by static electricity. 42-362 **3.95**

STEREO PHONO CARTRIDGES AND STYLI

V15 Type RS—The Ultimate Stereo Cartridge

- 5-30,000 Hz Frequency Response
- Precise High-Frequency Tracking

Realistic/Shure V15 Type RS Cartridge. Upgrade to the best for less! This cartridge brings new brilliance to records with its ultrawide response, 30 dB channel separation and advanced design. Hyperelliptical stylus. Tracks at only 1.25 to 1.75 grams. Dynamic stabilizer and viscous damping for stylus protection and smooth tracking, even on warped records. 42-2800

79⁹⁵



Realistic/Stanton Professional Series



RS500DJ Cartridge. Designed for radio stations, dance clubs and mobile discos. Super-rugged to handle back-cueing and scratch-mixing. 2-5 grams tracking. 20-20,000 Hz response. 42-2794

29⁹⁵



RS500DJ Stylus. Top-quality diamond elliptical stylus for the RS500DJ above. 42-2793

19⁹⁵

Realistic/Shure Cartridges, Each With Elliptical Diamond Stylus



R25XT. Has 20-20,000 Hz response. Tracks at 2.5-3.5 grams. 42-2777

19⁹⁵



R47XT. Like the R25XT, but with 1.75-2.25 grams tracking. 42-2778

26⁹⁵



RXP3. Tracks at ultralight 1.25 grams. P-mount design. 42-2790

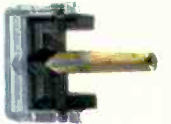
29⁹⁵



RXT6. Tracks at only 1.25-1.75 grams. 25 dB separation. 42-2795

49⁹⁵

Diamond Replacement Styli for Realistic/Shure Cartridges



R3X. For R25, Shure M71 and M75ECS-series phono cartridges. 42-2780

14⁹⁵



R5X. Replacement for R47, Shure M70 and M75 series cartridges. 42-2781

17⁹⁵



RS3P. Replaces RXP3, and Shure M92E, M99E and M104E. 42-2791

19⁹⁵



R8X. Replacement for R1000, Shure M90, M75, T-2 series. 42-2783

24⁹⁵



RX1500 Cartridge. Diamond elliptical stylus. Tracks at 1-1.5 grams. 15-25,000 Hz response. 42-2775

29⁹⁵



Economy Magnetic Cartridge. Diamond conical stylus. 3.5 gm tracking. 20-20,000 Hz response. 42-2772

16⁹⁵



DAT-2 Stylus. Diamond conical for Pickering V15/AT-1/2, KLH and similar cartridge types. 42-2484

11⁹⁵



RT1500 Stylus. Diamond elliptical. Tracks 1-1.5 grams. For RX1500, AT-102P, 102, 112, 122EP. 42-2776

19⁹⁵



RSK8C Stylus. Diamond conical replacement stylus for QLM30 and ADC K-series. 42-2771

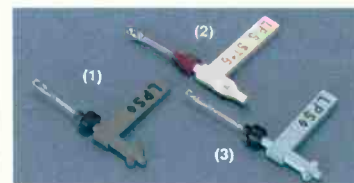
10⁹⁵



PS-203 Stylus. Diamond. For Radio Shack Clarinette® 14/15/16 and #13-1117/1118. Type #7848-D. 42-2797

5⁹⁵

Values in Diamond Stylus Replacements



(1) **RS-166.** For BSR cartridge or stylus no. SC7M, SC8M, ST-16, ST-17 and ST-21. 42-2892

3⁹⁹

(2) **RS-98.** Replacement for Tetrax cartridge or stylus no. 51D, 52D, 53D, 54D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, 20HD. 42-2802

3⁹⁹

(3) **RS-127.** For Tetrax cartridge or stylus no. 40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-01/2/3, T3, 30MD. 42-2841

3⁹⁹



We Can Get Those Hard-to-Find Styli And Cartridges

Hundreds Of Types Available

NO EXTRA CHARGE FOR THIS SERVICE!

Our "Hotline" Service can deliver most replacement styli and cartridges to your nearby Radio Shack store fast! If the type you need isn't shown here, ask your Radio Shack store manager to order it for you. There's no extra charge!

ENERCELL® RECHARGEABLE BATTERIES



Our Nickel-Cadmiums Are Reusable Over and Over Again

ENERCELLS recharge to their full strength for just pennies a charge—they actually cost much less in the long run! See below for our selection of nickel-cadmium chargers.

Cell Type	Volts	Amp Hour	Replacement for			Cat No.	Price
			Eveready	GE	Duracell		
"D"	1.25	1.400	CH50	GC3	NC13	23-123	Pkg. of 2/6.79
"C"	1.25	1.200	CH35	GC2	NC14	23-124	
9V	7.2	0.065	CH22	GC9	NC1604	23-126	Each/9.95
"AA"	1.25	0.600	CH15	GC1	NC15	23-125	Pkg. of 2/4.69
"AAA"	1.25	0.180	CH12	...	NC24	23-127	
"N"	1.25	0.150	...	...	...	23-121	Pkg. of 2/5.39



Battery Chargers to Fit Any Budget or Application

Fig.	Charger Type	Cell Type	Qty Charged (Except 9V)	Charge Time (Hours)	Cat. No.	Price
1	Quick Charger	"D", "C", "AA", "AAA", 9V	6	5	23-233	26.95
2	"AA"/"AAA"	"AA", "AAA"	6	14-16	23-136	11.95
3	Deluxe "AA"	NEW! "AA"	4	2	23-234	14.95
4	Standard	"D", "C", "AA", "AAA", "N", 9V	4*	14-16	23-132	12.95
5	Transistor	9V	1	14-16	23-131	4.29
6	Standard "AA"	"AA"	4	14-16	23-133	5.95
7	Deluxe	"D", "C", "AA", "AAA", "N", 9V	10*	14-16	23-134	29.95

*These chargers require modules below to charge "N" and "AAA" cells.
 "AAA" Module. 23-135 Pkg. of 4/1.95 "N" Module. 23-137 Pkg. of 4/1.95

HI-CAPACITY Ni-Cds

Heavy-duty rechargeable batteries for high-current drain equipment such as cordless tools. Designed to last longer than regular nickel-cadmium batteries between charges.

Cell Type	Volts	Ampere Hours	Cat. No.	Each
"D"	1.25	4.0	23-140	7.95
"C"	1.25	1.8	23-141	5.95

HI-CAPACITY Battery Charger. Supplies the higher current required to recharge our HI-CAPACITY "C" and "D" batteries. Not for use with regular nickel-cadmium batteries. UL listed AC. 23-142 **19⁹⁵**



Racing Pack and Chargers

(1) **Archer® Battery Pack Charger.** Recharges Ni-Cd racing battery pack in just four to five hours. Six-foot cord. UL listed AC. 23-231 **9⁹⁵**

(2) **Rechargeable RC Ni-Cd Battery Pack.** Get the most from your radio controlled vehicles. Six-cell construction is ultra-lightweight at a mere 320 grams. Was \$24.95 in 1990 catalog. 23-230 **19⁹⁵**

(3) **Archer Portable DC Fast-Charger.** Connects to 12VDC automotive battery. Really quick—recharges racing battery pack above in only 20 minutes! Features LED charging indicator and push-to-start button. 23-232 **29⁹⁵**

HI-CAPACITY™ Ni-Cd Camcorder Batteries

Rechargeable nickel-cadmiums last longer than standard batteries.

(1) For 8mm. Fits most popular 8mm camcorders. 6V, 1500mAh. Was \$29.95 in 1990 catalog. 23-184 **24.95**

(2) For VHS. Fits Radio Shack Model 100 MovieCorder, most other popular brands. 12V, 1500mAh. Was \$59.95 in 1990 catalog. 23-183 **49.95**

(3) NEW! For VHS. Fits Radio Shack Models 101/125, many other popular brands. 9.6V, 1500mAh. 23-186 **39.95**



Replace-A-Cell™ Ni-Cd Batteries

For cordless devices. Why pay more for factory replacements? Just pick the Replace-A-Cell you need.

Fig.	Type	Volts	Ah	Cat. No.	Price
1	"AA"	1.25	0.600	23-191	2/4.79
2	Pack	3.75	0.500	23-170	9.95
3	Pack	3.60	0.250	23-172	10.95
4	Pack	4.80	0.250	23-173	11.95
5	Pack	3.60	0.250	23-176	10.95
6	Pack	3.60	0.280	23-177	5.95
7	Pack	3.60	0.280	23-171	5.95
8	Sub "C"	1.25	1.200	23-190	2/6.79

BATTERY CHARGERS UL LISTED AC / BATTERIES NOT INCLUDED

ENERCELL®—THE LONGER-LIFE BATTERIES



Premium-Quality ENERCELL Super Alkalines

■ High Output Even at Low Temperatures ■ Long Shelf Life

ENER CELL	Replacement for			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
"D"	813	E95	MN1300	23-550	Pkg. 2/2.59
"C"	814	E93	MN1300	23-551	Pkg. 2/2.59
9V Rect.	A-1604	522	MN1600	23-553	Each 1.89
"AA"	815	E91	MN1500	23-552	Pkg. 4/2.89
"AAA"	824	E92	MN2400	23-555	Pkg. 2/1.59
"N"	81C	E90	MN9100	23-023	Pkg. 2/1.59



Hearing Aid Batteries

1.45V Air-Activated Packs. Lightweight, yet have about twice the capacity of other types.

ENER CELL	Replaces			Cat. No.	Pkg. of 3
	Eveready	Ray O-Vac	Dura cell		
675HPX	AC675E	R675ZA	DA675	23-157	2.39
13HPX	AC13E	R13ZA	DA13	23-158	2.39
312HP	AC312E	R312ZA	DA312	23-159	2.39
230HPX	AC230E	R10Z	230HPX	23-156	2.39

1.4V Mercury-Powered Packs. Don't miss a word just because of a bad battery! Radio Shack has long-life replacements.

ENER CELL	Replaces			Cat. No.	Pkg. of 6
	Eveready	Ray O-Vac	Dura cell		
P675M	EP675	RP675	MP675H	23-145	2.79
13M	E13E	R13	RM13	23-146	2.79
312M	E312E	T312	RM312H	23-148	2.79



Watch & Calculator ENERCELL Batteries

Specially formulated to keep working longer and harder than "regular" batteries, these ENERCELL batteries are custom-engineered for electronic applications.

ENER CELL	Replaces				Cat. No.	Price
	Eveready	Ray-O-Vac	Duracell	Other		
76	EPX76	RW22/42	D357	G13, 541	23-009	1.99
389	389	389-1W	D389	G10, V10GS	23-101	1.29
392	392	392-1W	D392	G3, 547	23-102	1.29
393	393	393-1W	D393	G5, 546	23-103	1.49
303	303	303-1W	D303	GS14, 521	23-104	1.99
357	357	357-1W	D357	G13, 541	23-105	1.99
386	386	386-1W	D386	G12, 548	23-106	1.49
391	391	391-1W	D391	G8, V8GS	23-107	1.29
343	343	343-1W	D343	Type B, 509	23-109	1.29
362	362	362-1W	D362	Type S, 532, SR721	23-110	1.29
364	364	364-1W	D364	Type T, 531, SR621	23-111	1.29
396	396	396-1W	D396	Type V, 556, SR726	23-112	1.29
399	399	399-1W	D399	Type W, 543, SR926	23-113	1.29
390	390	390-1W	D390	603, 534, SR1130	23-201	1.29
329	329	329-1W	...	24, 525	23-202	1.49
371	371	...	D371	SR920, 30, 537	23-203	1.29
377	377	377-1W	D377	SR626, 37	23-204	1.29
384	384	384-1W	D384	SR41, 10, 527	23-205	1.29
395	395	395-1W	D395	SR926, 25, 523	23-206	1.29
397	397	397-1W	D397	SR726, 26, 536	23-207	1.29
319	319	...	D319	SR527SW, 615, 8067	23-208	1.99
379	379	379-1W	D379	SR521SW, 8073	23-209	1.99
675B2	EP675	RP675	MP675	8107, M13	23-1521	Pkg. 2/1.49



Hi-Energy Lithium Batteries

For watches and calculators. Outperform alkalines!

ENER CELL	Replaces			Cat. No.	Each
	Ray-O-Vac	Eveready	Duracell		
CR2016H	BR2016	ECR2016	DL2016	23-160	1.99
CR2025	BR2025	ECR2025	DL2025	23-161	1.99
CR2032	BR2032	ECR2032	DL2032	23-162	1.99
BR2020	...	...	...	23-165	1.99
CR2430	...	...	DL2430	23-166	1.99
CR1616	...	ECR1616	...	23-167	1.99
BR2325	...	...	...	23-168	1.99



Calculator/Game Alkalines

Long-lasting ENERCELL batteries for your calculator or electronic game. Long storage life.

ENERCELL	Replaces			Cat. No.	Each
	Duracell	Eveready	Maxell		
357A	...	A76	LR44	23-115	1.19
386A	D186AB	186	LR43	23-116	1.19
389A	D189AB	189	LR1130	23-117	1.19
391A	D191AB	191	LR1120	23-118	1.19



Special Battery "Hotline"

Sent From Our Main Warehouse

Radio Shack can supply almost every consumer battery—types for cordless phones, computer memory, camcorders, communications walkie-talkies and pagers. We place your order on our telephone "hotline" and it's sent directly to your Radio Shack store from our main warehouse. We notify you when it arrives. No extra charge for this service!

Our Exclusive ENERCELL Batteries Are Always a Better Buy! Rated "Tops" by Respected Experts!

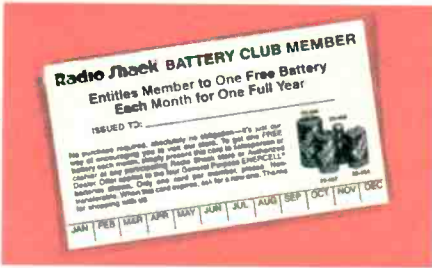
Wide Selection of Sizes and Types at Our Store Near You

We'll over 100 million ENERCELL batteries are sold every year! They're constructed with the very best materials and tested before

shipment. Radio Shack is the place to buy the freshest batteries on the market—at over 7000 locations nationwide!

OVER 100 MILLION SOLD EVERY YEAR

BATTERIES—HEAVY-DUTY, GENERAL-PURPOSE & SPECIALTY



Get Your FREE Battery Card Up to \$708 Value!

Join our Battery-A-Month Club and get one General-Purpose "D", "C", "AA" or 9V ENERCELL each month for a year! Nothing to buy, it's just our way of encouraging you to visit our stores. Come in for your card. At participating stores and dealers. Lantern excluded.

Economical ENERCELL General-Use Batteries

- Cost Less Than Most Brands
- Millions Sold Every Year

Because we sell so many, so fast, they're always factory-fresh and strong when you buy them. Compare!

ENER CELL	Replacement for		Cat. No.	Each
	Eveready	Ray-O-Vac		
"D"	550	13	23-466	.37
"C"	535	14	23-467	.37
9V Rect.	216	1604	23-464	.59
"AA"	515	15	23-468	.29
6V Lantern	509	941	23-006	2.99



Battery Checker

Know the True Condition of Your Batteries

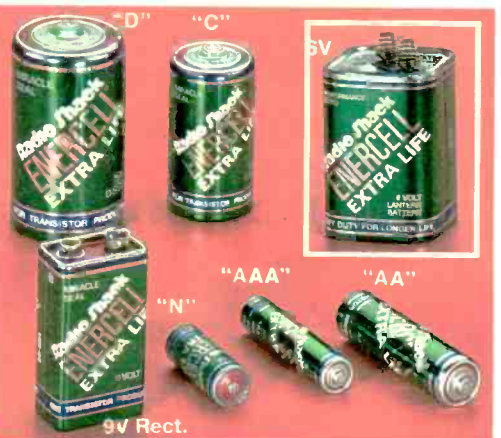
Meter shows you when it's time to replace "D", "C", "AA", "AAA", "N", and 9V types. For standard, alkaline and nickel-cadmium types. **695** 22-096

ENERCELL Extra-Life Heavy-Duty Batteries

- "Miracle-Seal" Protection
- Up to 3 Years Shelf Life

A specially processed electrolyte core provides longer service life.

ENER CELL	Replacement for		Cat. No.	Each
	Eveready	Ray-O-Vac		
"D"	1250	6D	23-580	.59
"C"	1255	4C	23-581	.59
6V	1209	944	23-016	3.99
9V Rect.	1222	D1604	23-583	.39
"N"	810	810	23-585	.35
"AAA"	912	400	23-584	.39
"AA"	1215	5AA	23-582	.39



Photography Batteries

Radio Shack stocks many of those hard-to-find batteries required in cameras, computers and other equipment.

We Have Hard-to-Find Special-Use Batteries

Fig.	Volts	Replacement for			Cat. No.	Each
		Ever eady	Ray-O Vac	Dura cell		
1	12.0	732	926	M926	23-007	11.95
2	12.6	304116	...	304116	23-670	13.99
3	6.0	...	...	...	23-181	10.95
3	6.0	↑	...	...	23-185	14.95
4	1.45	AC675	R675ZA	DA675	23-150	2.1 69
5	1.35	EPX625	T625N	RM625	23-462	2.39
6	1.4	E640	T640-1	RM640	23-1515	2.79
7	5.6	E164	...	PX32B	23-463	6.95
8	7.0	E175	T175	TR175B	23-601	5.89
9	1.4	E401	T401	MP401B	23-660	2.99
10	22.5	505	221	M505	23-510	5.59
11	12.0	...	...	...	23-144	1.39
12	6.0	A544	RPX2B	PX28L	23-469	3.99

*Rechargeable 2.5AH. †Rechargeable 5A-1



MICRONTA® ANALOG-TYPE MULTITESTERS



Extra-Rugged And Versatile



At Home In the Shop Or on Your Workbench



Why Pay More? These Multitesters Give You Professional Quality at Low Prices

FET-Input. With a 10-megohm input, it operates like a solid-state VTVM. 5" tricolor scale, continuity sounder. Measures to 1000 VDC in seven ranges, 1000 VAC in five ranges, 10 amps DC current in five ranges, 100 megohms resistance in five ranges, -20 to +62 dB in five ranges. Fuse protected. 7¹/₈ x 5¹/₂ x 2³/₄". Requires one 9V and one "C" battery. **22-220**

49⁹⁵

Range-Doubler. Extra resolution on V/A ranges plus 50,000 ohms-per-volt DC sensitivity, 125 mV and 25 µA ranges. Continuity sounder. Measures to 1000 VDC in 12 ranges, 1000 VAC in eight ranges, 10 amps DC in 10 ranges, 20 megohms in four ranges, -20 to +62 dB in eight ranges. 6¹/₈ x 4⁷/₈ x 2³/₈". Requires one 9V, one "AA" battery. **22-214**

39⁹⁵

Foldup 25-Range. Handy size! 20,000 ohms-per-volt DC sensitivity. The tricolor 4" meter has shunt protection when shut. Display adjusts for best viewing. Measures to 1200 VDC in seven ranges, 1200 VAC in five ranges, 300 mA DC in four ranges, 2 megohms in four ranges, and -20 to +63 dB in five ranges. Open, 7¹/₄ x 4³/₈ x 1¹/₄". Requires "AA" battery. **22-211**

29⁹⁵

Low-Cost Multitesters and Battery Tester



(1) 18-Range Compact. 20,000 ohms-per-volt DC sensitivity. 3" meter with mirrored scale. Measures to 1000 VDC in five ranges, 1000 VAC in four ranges, 250 mA DC current in two ranges, 2 megohms resistance in three ranges, -20 to +62 dB in four ranges. 5¹/₈ x 3¹/₂ x 1⁷/₈". Requires "AA" battery. **22-201**

19⁹⁵

(2) Pocket-Size. One of America's most popular testers. 2000 ohms-per-volt DC sensitivity. Measures to 1000 volts AC/DC in six ranges, 150 mA DC current and 100,000 ohms. 3¹/₂ x 2¹/₄ x 1¹/₄". Requires "AA" battery. **22-212**

12⁹⁵

(3) Deluxe Electronics Battery Tester. Accurate! Tests the best way—under load condition. For carbon-zinc, alkaline, mercury, silver oxide, lithium and nickel-cadmium rechargeables. Ranges: 1.5 volts (1/50/150 mA), 3, 6, 9, 12, 15 and 22.5 volts. 1³/₄ x 3¹/₂ x 5¹/₄". For battery tests only. **22-032**

12⁹⁵



Tester Accessories

(1) Soft Carrying Case. Perfect for larger testers. Provides plenty of room for tester, leads, manual, extra fuses and batteries. **22-149**

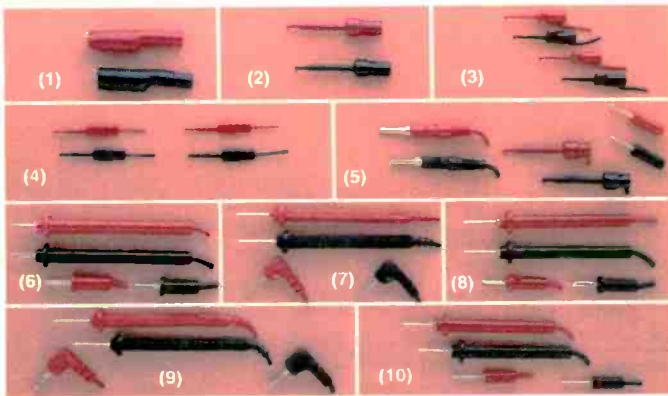
7⁹⁵

(2) Using Your Meter. The "whats, whys and hows" of electrical testing. 128 pages. **62-2039**

3⁹⁵

Test Leads, Probe Adapters and Jumpers

Make Your Tester More Versatile and Easier to Use



- (1) 'Gator Adapters. Slip over probe tips. 270-354 **Pair/1.99**
- (2) Mini-Hook Adapters. Slip over probe tips. 270-334 **Pair/2.59**
- (3) Mini-Clip Jumpers. 20" long. 278-016 **Pair/3.99**
- (4) Micro-Clip Jumpers. 20" long. 278-017 **Pair/3.49**
- (5) Mini-Clip Test Leads. 48" long. Mini clip at one end. Banana plug at the other end for tester. Includes pin-type plug adapters. 278-1160 **Pair/3.99**
- (6) Coiled 6-Foot Banana Plug Test Leads. 278-750 **Pair/4.99**
- (7) Test Leads With 90° Pin Tip. 36" long. 278-712 **Pair/2.49**
- (8) Banana-Plug Test Leads. 36" long. 278-704 **Pair/3.19**
- (9) Leads With 90° Banana Plug. 36" long. 278-713 **Pair/3.19**
- (10) Pin-Tip Leads. 36" long. Pin-tip plug. 278-705 **Pair/1.99**

LCD-DIGITAL TESTERS AND AC AMMETER



Bench/Portable—Our Best!

Dual Display. Has large digital display plus 31-segment bargraph for peak-spotting. Autoranging or manual, transistor-gain and separate diode/junction checks, continuity sounder, data-hold (memory). Measures to 1000 VDC, 750 VAC, 10 amps AC/DC current, 30 megohms. 10-meg input. 2¹/₁₆ x 8 x 4³/₄". Requires 4 "C" batteries. 22-195

99⁹⁵



"DC twenty-four point seven volts!"



With Clear Speech Output

NEW! Talking Multitester. Press a button on the probe and meter calls out reading in clear English while displaying it. Full autoranging, autopolarity, continuity sounder, diode-check, LC display with battery and over-range indicators, 10 megohm input. Measures to 1000 VDC, 750 VAC, 300 mA AC/DC, 30 megohms. 6¹/₁₆ x 3⁵/₃₂ x 1¹/₄". Requires 4 "AA" batteries. 22-164

99⁹⁵



Extra-Feature Multimeter

30-Range With Capacitance and Transistor-Gain Functions. Sockets for transistors, capacitors. Measures to 1000 VDC and 750 VAC, five ranges each, 10 amps AC/DC, four ranges each, 20 megohms in six ranges, 20 μ F capacitance in five ranges, NPN/PNP hFE. 7¹/₁₆ x 3¹/₈ x 1³/₈". Requires 9V battery. 22-194

79⁹⁵

Clamp-On AC Ammeter With AC Voltmeter



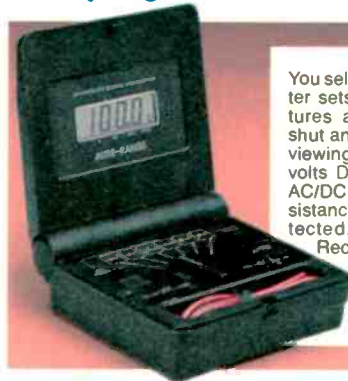
Great for Testing HVAC Systems

Measures AC Current Without Direct Connection to Circuit And Measures AC Voltage With Included Probes

Use this pro-quality instrument to measure circuit loads and power consumption of appliances. Lock-switch freezes pointer so you can remove meter from tight spaces for easier reading. Inductive pickup with x1 and x10 multipliers (shown in inset) lets you check devices with an AC cord and perform low-current tests. Measures to 300 amps AC in five ranges plus 600 volts AC in two ranges with test leads. 4 x 2 x 3⁹/₁₆". 22-161

49⁹⁵

Foldup Digital Multimeter With Autoranging



You select the function and this meter sets range automatically. Features automatic power-off when shut and a detented hinge for best viewing angle. Measures to 1000 volts DC, 500 volts AC, 10 amps AC/DC current and 2 megohms resistance. Fused and overload protected. Open, 10⁷/₁₆ x 5⁵/₁₆ x 1¹/₂". Requires 2 "AA" batts. 22-193

69⁹⁵

Super-Values in Compact DVMs



(1) **23-Range.** Has 10-meg input, diode-check, continuity sounder. Measures to 1000 VDC in five ranges, 750 VAC in four ranges, 10 amps AC/DC—four ranges each, 30 megohms in six ranges. 6¹/₁₆ x 3¹/₁₆ x 1¹/₄". Requires 4 "AA" batteries. 22-185

59⁹⁵

(2) **Autoranging.** Features diode-check, autopolarity. Measures to 1000 VDC, 500 VAC, 200 mA DC, 2 megohms resistance. 4⁷/₁₆ x 2¹/₁₆ x 1¹/₄". Requires 2 "AA" batteries. 22-188

36⁹⁵



Pocket-Size Testers With Autoranging



Probe-Style With Autoranging. Great for tight spaces. Data-hold button freezes the display and lets you remove this tester for easier reading. Features full autopolarity, continuity sounder and low-battery indicator. Measures to 400 volts AC/DC and resistance. Overload protected. 1³/₁₆ x 6³/₁₆ x 3¹/₄". Includes batteries and case. 22-165

39⁹⁵

Pocket-Size With Autoranging. The perfect take-anywhere tester. It folds, with its probes, to easily fit a shirt pocket. Has easy-to-read LCD display and a handy circuit continuity sounder. Measures to 400 volts AC/DC, 2 megohms resistance. 4¹/₄ x 2¹/₈ x 5¹/₁₆". 22-171

27⁹⁵

ARCHER® TOOLS GET THE JOB DONE



Enervac® Cordless Vacuum Cleaner

NEW! Easiest way to keep your equipment clean! Brush attachment vacuums dust and lint from keyboards or other work areas, special nozzle attachment reaches cracks and crevices. Goes anywhere and fits comfortably in your hand—only 9 1/4" long. Easy-to-clean filter. Sliding on/off switch. Requires 4 "AA" alkaline batteries. 61-2504

995



Electronic Distance Finder

It's ultrasonic! Find the dimensions of a room, the length of a hallway, the height of a ceiling—all with the press of a button. Simply aim, press the button, and the easy-to-read LCD displays distance in meters or feet. Measures distances from 2-45 feet with 99% accuracy! Beeps when measurement is completed. Auto-power off saves on batteries. Requires 4 "AAA" batteries. 64-2830

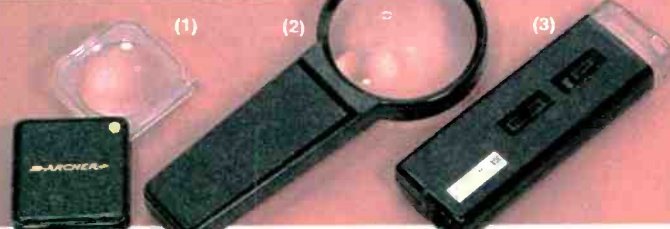
3995



Electronic STUDFINDER

No more guesswork! It's easy to use, fast, and measures changes in wall density to accurately locate wooden studs or metal frames. Finds exact center for secure hanging of shelves, clocks and pictures, even spots ceiling joists for hanging lights and fans, locates pipes, wiring and conduit. And, unlike many others, it automatically recalibrates! Requires 9V battery. 64-2825


1995



(1) Pocket Magnifier. Just right for studying stamps, maps, diagrams, photos—hundreds of uses! Only 2 1/8" square. 63-852

(2) Lighted Magnifier. Ideal for hobbyists. Dual magnification—use strong 2 3/4" main lens or use handy 1" inset for fine details, small type, coins, maps and more. Requires 2 "AA" batteries. 63-848

(3) 30-Power Lighted Hand Microscope. Projects light onto objects—perfect for field use. With 8X slide-out magnifier. Pocket-sized. Rotary focusing knob, case. Requires 2 "AA" batteries. 63-851



(1) Deluxe 16-Piece Precision Tool Set. 64-1961

(2) Precision Screwdrivers. For detail work. Size #1-6. 64-1948

(3) Two Phillips and Four Standard Screwdrivers. 64-1959

(4) Six-Piece Crosspoint Set. 64-1962

(5) Three-Piece Mini Screwdriver Set. 64-1982

(6) 6" Locking SS Forceps. 64-1866

(7) Straight 5" Mini Forceps. 64-1910

(8) NEW! Eight-Piece Precision Ball-End Hexdrivers. Enter a hex screw at 25°. .050", 1/16", 3/64", 3/32", 7/64", 1/8", 3/64", 5/32". 64-1815

(9) Ten-Blade Knife Set. Interchangeable steel blades. 64-1801

(10) Multipurpose Hobby Knife. Surgically sharp steel blade. 64-1805

(11) Five-Piece Needle File Set. Specially designed for precise filing on hobby kits, models, PC boards and more. 64-1985

(12) "Helping Hands" Project Holder. Holds in any position. 64-2093

Portable Magnifiers and Lighted Microscope

(1) Pocket Magnifier. Just right for studying stamps, maps, diagrams, photos—hundreds of uses! Only 2 1/8" square. 63-852

(2) Lighted Magnifier. Ideal for hobbyists. Dual magnification—use strong 2 3/4" main lens or use handy 1" inset for fine details, small type, coins, maps and more. Requires 2 "AA" batteries. 63-848

(3) 30-Power Lighted Hand Microscope. Projects light onto objects—perfect for field use. With 8X slide-out magnifier. Pocket-sized. Rotary focusing knob, case. Requires 2 "AA" batteries. 63-851



(1) Deluxe 7-Piece Screwdriver Set. Includes 1/4 x 1 1/2" stubby, 1/8 x 1/4" midget, 1/4 x 4 1/4" mechanics' screwdriver, 3/16 x 4" and 3/16 x 6" cabinet, #1-2 Phillips. 64-1823

(2) High-Impact 8-Piece Nutdriver Set. Interchangeable. Tempered steel. 1/8", 3/16", 7/32", 1/4", 5/32", 3/16", 11/32", 3/8". With case. 64-1800

(3) Six-Piece Nutdriver Set. Durable tempered steel. Auto and home applications. Easy-grip molded handles. 3/16" to 7/16" sizes. 64-1821

(4) Reversible Screwdriver. Driver bar has a Phillips on one end and a standard head on the other. 64-1950

(5) Versatile 4-in-1 Tool Kit. Four-piece set includes an awl, two flathead screwdrivers and a Phillips. 64-1819

(6) Strong Mini-Vise. Vacuum base mounts to smooth surfaces. 64-2094

Precision Tool Sets and Instruments

- (1) Deluxe 16-Piece Precision Tool Set. 64-1961 10.95
- Precision Screwdrivers. For detail work. Size #1-6. 64-1948 4.29
- Two Phillips and Four Standard Screwdrivers. 64-1959 4.29
- Six-Piece Crosspoint Set. 64-1962 4.29
- Three-Piece Mini Screwdriver Set. 64-1982 1.49
- (2) 6" Locking SS Forceps. 64-1866 4.95
- Straight 5" Mini Forceps. 64-1910 1.69
- (3) NEW! Eight-Piece Precision Ball-End Hexdrivers. Enter a hex screw at 25°. .050", 1/16", 3/64", 3/32", 7/64", 1/8", 3/64", 5/32". 64-1815 6.49
- (4) Ten-Blade Knife Set. Interchangeable steel blades. 64-1801 4.49
- Multipurpose Hobby Knife. Surgically sharp steel blade. 64-1805 1.29
- (5) Five-Piece Needle File Set. Specially designed for precise filing on hobby kits, models, PC boards and more. 64-1985 5.99
- (6) "Helping Hands" Project Holder. Holds in any position. 64-2093. 8.19

Screwdriver and Nutdriver Tool Sets

- (1) Deluxe 7-Piece Screwdriver Set. Includes 1/4 x 1 1/2" stubby, 1/8 x 1/4" midget, 1/4 x 4 1/4" mechanics' screwdriver, 3/16 x 4" and 3/16 x 6" cabinet, #1-2 Phillips. 64-1823 6.49
- (2) High-Impact 8-Piece Nutdriver Set. Interchangeable. Tempered steel. 1/8", 3/16", 7/32", 1/4", 5/32", 3/16", 11/32", 3/8". With case. 64-1800 6.49
- (3) Six-Piece Nutdriver Set. Durable tempered steel. Auto and home applications. Easy-grip molded handles. 3/16" to 7/16" sizes. 64-1821 4.49
- (4) Reversible Screwdriver. Driver bar has a Phillips on one end and a standard head on the other. 64-1950 2.99
- (5) Versatile 4-in-1 Tool Kit. Four-piece set includes an awl, two flathead screwdrivers and a Phillips. 64-1819 1.59
- (6) Strong Mini-Vise. Vacuum base mounts to smooth surfaces. 64-2094 4.29

HAND TOOLS AND WIRING ACCESSORIES

Great Values in Pliers and Cutters

- (1) Professional-Quality 5 1/4" Long-Nose Pliers. Spring-action handles. 64-1812 **6.99**
- (2) 4 3/4" Long-Nose Pliers. Insulated grips. 64-1843 ... **4.49**
- (3) 6 1/2" Long-Nose Pliers. Insulated grips. 64-1844 ... **3.49**
- (4) Professional-Quality 4 1/2" Diagonal Cutters. Spring-action. 64-1813 **6.99**
- (5) 4 1/2" Diagonal Cutters. Insulated grips. 64-1841 ... **4.49**
- (6) 6" Diagonal Cutters. Comfortable, insulated grips. 64-1845 **3.49**
- (7) 5" Nippy Cutters. Flush-cutting design. Spring-action handles. 64-1833 **3.79**

Dependable "Pro" Archer Tools

- (1) Tapered Reamer. Cuts holes up to 1/2" in diameter. 64-815 **4.99**
- (2) Nibbling Tool. Neatly cuts up to 18-gauge steel, 1/16" copper, aluminum and plastic. 64-823 **10.95**
- (3) Mini Drill. Two extra bits. 3 1/4" long. 64-2097 **3.79**
- (4) Locking Long-Nose Pliers. Doubles as a wrench. 6" long. 64-1864 **5.99**
- (5) Five-Piece TV Color Alignment Kit. 64-2220 **2.99**
- (6) Two-Piece TV Alignment Kit. 64-2223 **99¢**
- (7) Anti-Static TV Alignment Kit. 64-2230 **4.39**

Wiring Accessories

Fig.	Description	Cat. No.	Each
1	Pro-Quality Phone Installation Tool	64-410	7.79
2	Insulation-Piercing Phone Spade Lugs	64-3070	24/1.29
3	Phone Butt Connector	64-3073	24/1.29
4	Standard Wire Staples	64-2875	40/ .99
5	Mini Wire Staples	64-2876	50/ .99
6	Phone/Alarm Wire Splice	64-3080	4/1.69
7	Phone UG Tap Connector	64-3081	4/1.89

Lugs, Terminals, Connectors

Fig.	Description	Cat. No.	Each
1	Small Gold-Plated Terminals*	64-402	8/4.49
2	Large Gold-Plated Terminals*	64-401	8/4.99
3	Solderless Crimp Lugs	64-406	100/1.99
	Insulated Crimp Lugs	64-407	75/1.99
	Antenna Lead Terminal	64-408	12/1.29
4	NEW! Gold Pin Connectors*	64-403	4/2.99
5	Wire Tap-Ins. 14-18 gauge	64-3052	10/1.69
6	Low-Voltage Tap-Ins. 18-22 gauge	64-3053	7/1.89

*For use with MEGACABLE

Crimpers, Strippers

- (1) Deluxe Crimping Tool Set. Includes heavy-duty tool, assorted terminals. 64-409, **10.95**
- (2) Professional-Quality Stripper. For 8 to 22-gauge wire. 7" long. 64-1919 ... **11.95**
- (3) "Dial" Wire Stripper. Insulated grips. 64-1952 **4.29**
- (4) 4-in-1 Long-Nose Pliers. Built-in stripper, cutter, crimper, nut wrench. 64-1847 **4.99**
- (5) Spring-Action Stripper/Cutter. For 12 to 24-gauge wire. Insulated. 64-2129 **2.79**
- (6) Crimping Tool. Also strips and cuts 10 to 22-gauge wire. Cushion grips. 8 1/2" long. 64-404 **5.79**

Convenient "See-Through" Hardware Handy-Packs 129 Each

Fig.	Description	Qty.	Cat. No.
1	Round-Head Machine Screws. 2-56 Machine Screws. 4-40 Machine Screws. 6-32	42	64-3010
		42	64-3011
		42	64-3012
2	Pan-Head Sheet Metal Screws. 5 ea.: #4 x 1/2", #6 and #8 x 1/4", 3/8", 1/2"	35	64-3016
3	Steel Machine Hex Nuts. 40 each: 2-56 Steel Machine Hex Nuts. 30 each: 4-40 Steel Machine Hex Nuts. 30 each: 6-32	40	64-3017
		30	64-3018
		30	64-3019
4	Fit. Washers 20 ea. of #2, #4, #6, #8, #10	100	64-3022
5	Grommets. 7 ea.: 1/4", 5/16", 3/8" 5 ea.: 7/16", 1/2"	31	64-3025
6	Solderless Ring Tongue	24	64-3030
	Solderless Spade Tongue	24	64-3031

Fig.	Description	Qty.	Cat. No.
8	Solderless Insulated Ring Tongue. Four #6 (22-18), #8 (22-18), #6 and #8 (16-14)	10	64-3032
9	Solderless Insulated Spade Tongues	10	64-3033
10	Solderless #10 Spade Tongues. 12 each: (22-18), (16-14) As above, but five each	24	64-3034
		10	64-3035
11	Male Quick-Disconnects	8	64-3038
12	Female Quick-Disconnects	8	64-3039
13	Insulated Closed-End Connectors 5 ea.: (22-14), (16-10)	10	64-3041
14	Solderless Spade	10	64-3042
15	Solderless Flanged Spade	24	64-3043
16	Solderless Insulated Spade (22-14)	8	64-3044
17	Female Flag Quick-Disconnect	10	64-3046



Storage Boxes

Size	Sect.	Cat. No.	Each
8 1/2 x 4 3/4 x 1 1/2"	6 or 18	64-552	2.99
4 3/8 x 4 3/8 x 1"	6	64-553	1.59

Fig.	Description	Qty.	Cat. No.
18	Solderless Ins. M/F Q-Disc. (22-14)	8	64-3049
19	Single Female to Dual Male Q-Disc. 3 Right Ang., 3 Offset	6	64-3061
20	Control Nuts Metric Control Nuts	23	64-3020
		20	64-3063
21	Aluminum Spacers	24	64-3024
22	Wire Connectors	16	64-3026
23	Polypropylene Cable Clamps	18	64-3028
24	Butt Connectors. 10 each: (22-18) and (16-14) Insulated Butt Connectors	20	64-3036
		10	64-3037
26	Insulated Large Ring Tongues	6	64-3040
27	Bullet Connectors. Insulated	9	64-3047

SEE PAGE 92 FOR INFORMATION ON LARGE-QUANTITY DISCOUNTS

ARCHER® SOLDERING EQUIPMENT VALUES

4-in-1 Convertible!
Solderer! Blow Torch!
Hot Knife! Heat Blower!

Portable Butane Soldering Tool

No cords or gas cylinders! Precision soldering with equivalent of 10-60 watts. Up to 60 minutes use per tank of ordinary lighter fuel. **64-2161** **29.95**
Replacement Tips. (1) 2.4mm, 64-2162. (2) 1mm, 64-2163 **Each 9.95**
 (3) Blow Torch Tip 64-2168, (4) Hot Knife Tip 64-2170, (5) Heat Blower Tip 64-2169. CMC **Each 9.95**
 64-2168/2169/2170 Avail. on special order from CMC.



100-Watt Soldering Gun

Pull the trigger for full temperature in seconds. Built-in light illuminates work. Comfort-molded grip. **64-2193** **10.95**

Extra Tips for Use With	Cat. No.	Pkg. of 2
Archer 64-2193/2192	64-239	1.89
Archer 64-2191	64-238	1.89
Weller D440, 8200; Archer 64-2190	64-237	1.89
Weller D550	64-234	1.89

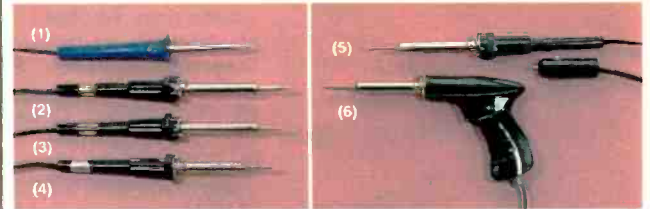


Build Your Own Iron

Components for Custom-Assembly

Fig.	Description	Cat. No.	Each
1	Cool Grip Handle	64-2080	6.49
...	Grounded Handle (CMC)	64-2077	10.95
2	700° F Heating Unit (23W)	64-2081	5.99
3	800° F Htg. Unit (33W)	64-2082	7.99
...	900° F Htg. Unit (45W) (CMC)	64-2083	10.95
4	Iron-Clad Lt. Duty Tips (2)	64-2089	4.99
5	Plated Surface-Mount Tips (2)	64-2074	4.99
6	Lt., Med., Hvy. Duty Tips (3)	64-2084	4.49

64-2077/2083 avail. on special order from CMC



Top-Quality Soldering Pencil Irons and Gun

(1) 15-Watt Pencil. Grounded tip is especially suitable for integrated circuits. **64-2051** **7.49**
Replacement Tip. 64-2052, **99¢**
 (2) 40-Watt Pencil. Insulated, 1/4" screw-in tip. 600-640° F. With safety strand. **64-2071** **7.49**
Replacement Tip. 64-2072, **1.29**
 (3) 25-Watt Pencil. Similar to 64-2071 above, but 5/32" tip. **64-2070** **6.49**
Replacement Tip. 64-2073, **1.19**
 (4) 30-Watt Pencil. Lightweight. **64-2067** **4.79**
Replacement Tip. 64-2065, **1.19**
 (5) 12VDC 30-Watt Pencil. Plugs into car lighter socket. Convenient for working on accessory and speaker wiring. **64-2105** ... **5.79**
Replacement Tip. 64-2072 **1.29**
 (6) 30-Watt Cool-Grip Gun. Easy-to-hold molded plastic grip. **64-2066** **5.49**
Replacement Tip. 64-2065, **1.19**



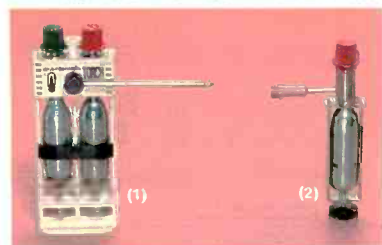
Dual-Heat Pencil Iron

Go from 15 to 30 watts at the flick of a switch. Handles most electronic/electrical projects. UL listed AC. **64-2055** **9.49**
Replacement Tip. 64-2065 **1.19**
Replacement Chisel Tip. 64-2056 **1.19**



Desoldering Iron

Easy-to-hold "one-hand" design provides precise control. Includes vacuum bulb, desoldering assembly and tip. 8" long, 5-foot cord. 45 watts. **64-2060** **8.49**
Replacement Tip. 64-2061 **99¢**
NEW! Heavy-Duty Desoldering Tip. 64-2062 **1.99**



Pocket-Size Gas Torches

(1) Soldering/Brazing Torch. Really produces the heat—up to 5000° F in a pin-point flame. Has one butane and two micronox cylinders. Two tips. **64-2165** **25.95**
Extra Butane Cyl. 64-2166 ... **Pkg. 2/3.69**
Extra Micronox Cyl. 64-2167, **Pkg. 2/2.59**
 (2) Butane Torch. Heats to 2500° F. Excellent for heating, soldering, removing paint. Includes one refill cylinder. **64-2164** **11.95**



Innovative Soldering Accessories And Project Helpers

Fig.	Description	Cat. No.	Each
1	Solder Iron Holder/Cleaner	64-2078	6.49
2	Tip Tinner/Cleaner	64-020	4.99
3	Desoldering Bulb	64-2086	2.69
4	Desoldering Tool	64-2120	6.95
5	Vacuum Desoldering Tool	64-2098	5.99
6	Desoldering Braid	64-2090	1.79
7	4-Piece Helper Set: Heat sink brush/scraper, two probes	64-2227	4.19
8	Soldering Tweezers	64-1915	1.59
9	Straight Mini Forceps	64-1910	1.69



10-Piece Electronics Tool Set

Excellent for precise work. 30-Watt iron, stand, solder, soldering helper, pliers, diagonal cutter, three screwdrivers, heat sink. **64-2801** **16.95**

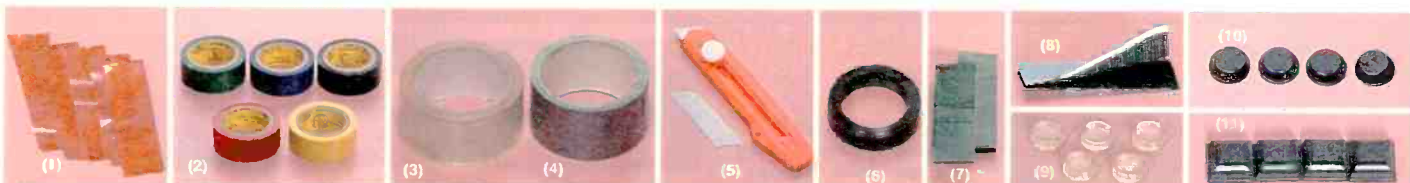


5-Piece Soldering Tool Set

Everything you need for basic soldering jobs. Iron, stand, rosin core solder, soldering helper, heat sink and soldering hints. **64-2802** **7.95**

FASTENERS, SOLDER AND CHEMICALS

TAPE, SOLDER & CHEMICALS



Tape, Fasteners and Knife for All Your Packaging and Fix-It Needs

- (1) Silicone Tape. Easier-to-use substitute for heat shrink tubing and tape. Eight 1 x 4" strips. 64-2336 **1.99**
- (2) Electrical Tape Assortment. Five 3/4" x 12-ft. rolls. 5 colors. 64-2340, **2.19**
- (3) Packaging Tape. 2" x 165-foot roll. Seals out moisture. 64-2339 **2.49**
- (4) All-Purpose Tape. 2" x 30-foot roll. 64-2347 **2.29**
- (5) 6" Utility Knife. Snap off blade end for a fresh edge. 64-1868 **1.39**
- (6) PVC Electrical Tape. 1/2" x 12 1/2-foot roll. 64-2348 **59¢**
3/4" x 20 Ft. 64-2349 **89¢**
3/4" x 66 Ft. 64-2350 **1.49**
- (7) Super-Lock Fasteners. Five times the holding power of standard hook-and-loops. 1 x 3" strips. Two pairs. 64-2360 **2.49**
- (8) Hook-and-Loop Fasteners. 3" strips. Four pairs. 63-2345 **2.19**
- (9) Self-Sticking Clear Feet. Round plastic. Pkg. of 12. 64-2365 **1.19**
- (10) Self-Sticking Cushion Feet. Protect furniture. Pkg. of 12. 64-2346 **99¢**
- (11) Jumbo-Size Cushion Feet. 3/4" square cushions. Pkg. of 8. 64-2342, **1.49**
- (12) Two-Sided Foam Tape. Attach items to dash, TV or phone. 40". 64-2343, **1.89**
- (13) Two-Sided 1 x 3" Tape Strips. Pkg. of 8. 64-2344 **1.99**
- (14) Super-Mount™ Tape Strips. Three times the holding power of standard foam tape. Four 1 x 3" strips. 64-2361 **1.99**

Everything in Quality Solder

- (1) Lead-Free Solder. Ideal for fine electronic soldering. 96% tin, 4% silver. 0.25 oz., .032" 64-025 **1.99**
0.5 oz., .062" 64-026 **1.49**

Fig.	Description	Cat. No.	Each
2	Rosin Soldering Paste Flux	64-021	1.79
3	Solder-Weld Silver-Bearing Paste	64-029	2.59
4	Solder Tape. Pkg. of 100 Strips	64-010	1.49
5	Rosin Core Solder. Spool. 0.5 oz., .062"	64-001	.89
5	Rosin Core Solder. Spool. 1.5 oz., .062"	64-002	1.49
5	Rosin Core Solder. Spool. 4.0 oz., .062"	64-004	3.49
5	Rosin Core Solder. Spool. 2.5 oz., .032"	64-005	3.19
5	Rosin Core Solder. Spool. 1.5 oz., .050"	64-006	2.29
5	Rosin Core Solder. Spool. 8.0 oz., .062"	64-007	5.99
5	Rosin Core Solder. Spool. 1 lb. .062"	64-008	8.99
5	Rosin Core Solder. Spool. 8.0 oz., .032"	64-009	6.49
5	Silver Solder. 62/36/2% 1.5 oz., .022"	64-013	2.99
5	Hi-Tech Solder. 63/37% 1.5 oz., .050"	64-015	2.49

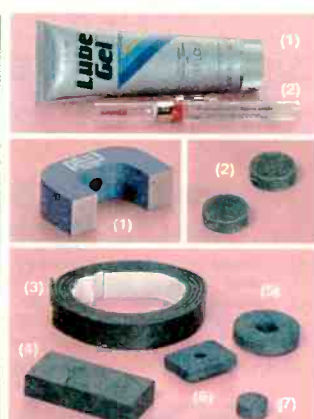
Lube Gel and Oiler

- (1) Lube Gel. Great for sliding doors, tools, hinges. 64-2326 **2.69**
- (2) Precision Lubricator. For tools, electronic equipment. 64-2301 **1.79**

Magnets & Magnetic Tape

- (1) Horseshoe Magnet. Powerful 7 1/2 lb. pull. 64-1887 **7.99**
 - (2) Super-Strong Rare Earth Magnets. 1/4" dia. 64-1895 **1.49**
 - (3) Magnetic Tape. 64-1890 **99¢**
 - (4) High-Energy Magnet. Ceramic. 1 7/8 x 7/8 x 3/8". 64-1877 **89¢**
- Ceramic Magnets **Each 21¢**

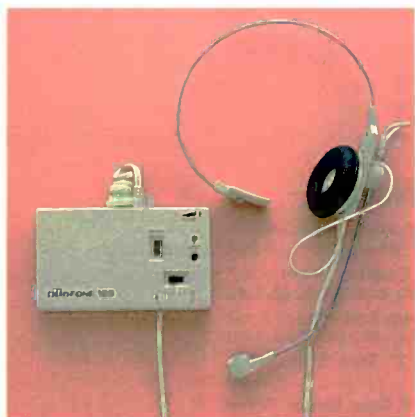
Fig	Type	Cat No.	11-24	Each 25-99	100-up
5	1" Rectang.	64-1875			
6	1 1/2" Round	64-1885	18¢	17¢	15¢
7	1/2" Button	64-1880			



Archer Cleaning Sprays and Bonding Adhesives to Help You Do the Job Right

- (1) TV Tuner Cleaner. Cleans contacts in mechanical TV tuners. Also effective on "scratchy" volume and tone controls. 6 oz. 64-2315 **3.99**
- (2) Color-TV Tuner Cleaner. For mechanical color-TV tuners. 6 oz. 64-2320 **4.99**
- (3) Cleaner/Degreaser. Sprays away dirt and grime from circuits and components. 8 oz. 64-2322 **4.99**
- (4) Dust Remover. Cleans circuit boards, cameras, keyboards, copiers, more. 6 oz. 64-2325 **4.99**
- (5) Component Cooler. Spray on components to spot thermal defects. 6 oz. 64-2321 **4.99**
- (6) Rosin Flux Remover. Removes soldering flux deposits from circuits. 6 oz. 64-2324 **2.99**
- (7) All-Purpose Adhesive. Bonds wood, glass, china, metal, leather, paper and more. Not affected by normal heat and cold. No-clog applicator. 64-2307 **1.59**
- (8) Instant-Bonding Glue. Bonds most nonporous materials in seconds. 64-2308 **1.49**
- (9) Twin-Tube Epoxy. No mixing—meters out resin and hardener simultaneously. 64-2313, **2.49**
- (10) Rubber Sealant. Silicone sealer bonds and caulks. Moisture resistant. 64-2314 **2.99**
- (11) Hi-Tech Bonding Gel and Accelerator. Works to bond anything to anything. 64-2306 **5.99**
- (12) Plastic Bonder. The best you can buy for repairing RC cars, etc. 64-2305 **3.49**
- (13) Plastic Repair Kit. Ideal for replacing or re-joining chipped or cracked plastic. 64-2304, **4.99**

PHONE HEADSET, BELLS & AMPLIFIERS



Universal Hands-Free Telephone Headset

DU6FONE®-129. Adjustable mike boom frees your hands—you don't have to twist your neck to support a headset. Amplifier module has volume control. Headset/headset switch allows you to easily choose between the two—no need to unplug your headset to switch to the handset. Selectable setting for use with most types of phones. LED battery test indicator. Requires 4 "AA" batteries. (TSP available) 43-172 **49.95**
For modular-handset phones. Not compatible with dial in handset and some electronic phones

- For Receptionists, Telemarketers, Busy Executives, Teens, Phone Order-Takers And Dispatchers
- A Must for People Who Need To Keep Hands Free During Conversations
- Switchable Handset Or Headset Use



Answering Machine Two-Line Adapter

Allows your phone answerer to answer calls on either line. Plug-in modular hookup. Phone line powered—requires no batteries or AC. 43-383 **21.95**



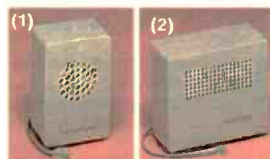
Snap-On and Compact Handset Amplifiers

Snap-On. Boosts incoming sound. Portable, use at home or take it along. Easily attaches to most hearing aid-compatible phones. Requires "N" battery. 43-229 **10.95**



Compact. Boosts incoming sound. Attaches to most phones with modular handset cord. Volume and tone controls. Requires 9V battery. 43-237 **19.95**

43-237 is not compatible with dial-in-handset and some electronic phones.



Phone Extension Bells

(1) **Indoor Extension Bell.** Cancels a phone's electronic ringer or works by itself. Modular plug. 43-175 **14.95**

(2) **Extra Volume.** Really loud—the way phones used to ring. Volume control. For indoor use. 43-173 **21.95**



(3) **Outdoor Bell.** Handy for porch, patio, or garage, warehouses. Weather-resistant housing. Modular jack. 43-174 **29.95**



See It Ring! Fone-Flashers

(1) **Fone-Flasher 2.** Activates built-in strobe light and ringer when phone rings. Selectable modes. UL listed AC. 43-178 **29.95**

(2) **Fone-Flasher®.** Turns a lamp off and on when phone rings. For incandescent lamp to 300W. UL listed AC. 43-177 **14.95**



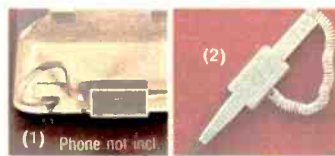
(3) **Mini Fone-Flasher.** Ideal for offices with many phones—shows which phone is ringing. 7-foot modular cord and duplex jack. Powered by phone line. 43-179 **8.95**



The Teleprotector® Voice and Data Guard

- Prevents Costly Interruptions

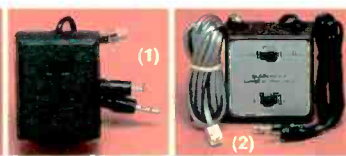
Just plug it in for instant protection against interruptions of fax or modem transmissions when someone picks up an extension phone. Also stops answering machine's outgoing message when you pick up the call at an extension. Modular connectors. (A Teleprotector is required at each extension you desire to lock out.) 43-107 **7.95**



Handy Accessories

Ringer Silencer. Flip the switch when you don't want to be disturbed. 7-foot cord. For modular phones. 43-127 **7.95**

Pen and Stick-On Holder. 43-110, **99¢**



Recording Controls

(1) **Single Phone.** Automatically records your calls on most recorders with remote jack. 43-228 **19.95**

(2) **Multiphone.** Also works with extension phones. 43-236 **24.95**



Amplifies So Others Can Hear

Portable Listener

Boosts incoming voice so others nearby can hear the conversation. Has suction cup pickup, volume control. 1 5/8 x 3 1/2 x 4 5/8". Requires 9V battery or AC adapter. 43-231 **8.95**



Protects Phone Equipment

Spike Protector

Helps prevent costly damage to modems, fax and phones due to voltage spikes on phone line. Plug-in hookup. For RJ11C jacks. Requires 3-prong AC outlet. 43-102 **12.95**



Four-Line Tap

Increases versatility and saves money by letting you easily connect single-line devices to your 1A2-type multiline business phone system. 1 1/4 x 2 3/8 x 4". 43-270 **19.95**

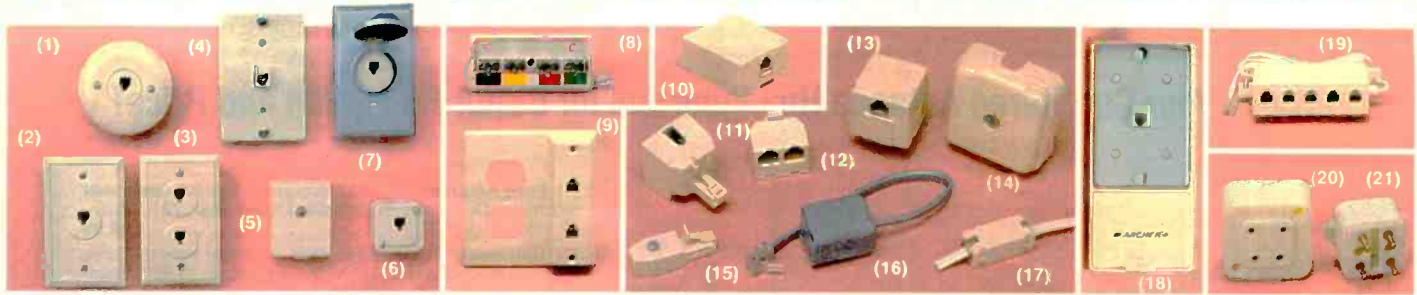


Phone Line Testers

Handy. Just plug into a modular jack and LEDs show if line is operational, reverse-wired or not operational. 43-101, **3.49**

2-Line Tester. Same as above but for two lines. 43-103 **5.29**

GOLD STANDARD* PHONE CONNECTIONS



Phone Wall Plates, Jacks, Plugs and Adapters

- (1) Round Modular Wall Jack. 279-392 **3.95**
- (2) Rectangular Modular Wall Jack. 279-352 **3.95**
- (3) Dual Wall Plate. For up to four lines or two phones. 279-350 **5.95**
- (4) Wall Phone Plate. For standard modular wall phones. 279-387 **5.95**
- (5) Quick-Connect Jack. Converts standard wall block for use with modular plug. Spade terminals. 279-355 **2.19**
- (6) Modular Jack. Like Fig. 5 but with snap-on clips. 279-386 **2.99**
- (7) Modular Jack with Wiring Block. 279-349 **3.95**
- (8) Surface-Mount Modular Jack. 279-353 **3.95**
- (9) Outdoor Wall Plate. Modular jack with flip-up cover. 279-340 **8.95**
- (10) New Low Price! Entrance Bridge. Provides connecting point with screw terminals for phone company network interface. Attaches to wall. Was \$6.49 in 1990 Catalog. 279-394 **5.95**

- (9) Dual Modular Jack With AC Wall Plate. 279-415 **6.95**
- (10) Six-Wire Surface-Mount Jack. RJ25C 3-line jack. 279-420 **4.49**
- (11) Quick-Plug. Converts older phones for modular jacks. 279-375 **2.95**
- (12) New Low Price! Duplex Jack. Couples two devices, such as answerer and phone, into one modular jack. Was \$4.95 in 1990 Catalog. 279-357 **4.49**
- (13) Cord Adapter. Converts modular to 4-prong. 279-351 **2.99**
- (14) 42A Connector Block. Standard 4-conductor, wall-mount terminal accepts spade lugs or bare wires. 279-389 **2.19**
- (15) Quick-Connect Modular Plug. 279-383 **3.95**
- (16) NEW! Quick-Connect Handset Plug. 279-298 **3.99**
- (17) Plug Adapter. Converts 4-prong plug to modular plug. 279-393 **3.49**
- (18) Inline Coupler. Connects two 4-cond. modular cords. 279-358 **2.49**
- (19) NEW! 6-Conductor Inline Coupler. 279-423 **2.95**
- (20) Modular Duplex Wall Phone Adapter. 279-359 **9.95**
- (21) Five-Outlet Modular Adapter. Converts one jack to five. 279-410 **9.95**
- (22) Four-Prong Jack. Accepts standard 4-prong plug. 279-367 **1.79**
- (23) Four-Prong Plug. Fits standard 4-prong jack above. 279-366 **1.59**

Tools and Cables

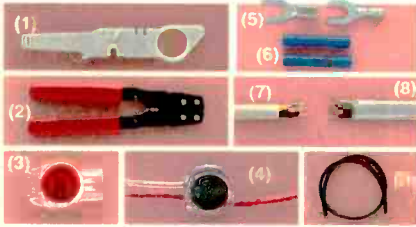


Fig.	Description	Cat. No.	Price
1	Wire Stripping Tool	279-400	1.99
2	Phone Connector Crimp Tool	64-410	7.79
3	Weather-Sealed Splice Connector	64-3081	4/1.69
4	Weather-Sealed Tap Connector	64-3081	4/1.89
5	Insulation-Piercing Spade Lugs	64-3070	24/1.29
6	Insulated Butt Connector	64-3073	24/1.29
7	50 Feet, 4-Conductor Cable	278-372	5.79
8	100 Feet, 4-Conductor Cable	278-373	10.95
9	Four-Conductor Bulk Cable	278-1320	.12/Ft.
10	Modular Cable, 50-Ft., 4-Cond.	278-365	5.49
11	Modular Cable, 100-Ft., 4-Cond.	278-366	10.98
12	100-Ft. Burialable 4-Cond. Cable	278-375	14.99

Modular Handset Cords

25 Feet		
Color	Cat. No.	Each
White	279-301	5.95
Almond	279-302	5.95
Beige	279-303	5.95
Brown	279-304	5.95
Gray	279-300	5.95
Black	279-305	5.95

12 Feet		
Color	Cat. No.	Each
White	279-306	4.95
Almond	279-307	4.95
Beige	279-308	4.95
Brown	279-309	4.95
Gray	279-311	4.95
Black	279-312	4.95

25-Foot, Heavy-Duty		
Color	Cat. No.	Each
White	279-290	7.95
Almond	279-291	7.95
Beige	279-292	7.95
Brown	279-293	7.95
Gray	279-294	7.95
Black	279-295	7.95

Coiled



Heavy-Duty

Modular Line Cords



Fig.	Description	Cat. No.	Price
1	Satin, 18-Ft. Coiled Modular-to-Modular	279-395	5.95
1	White, 18-Ft. Coiled Modular-to-Modular	279-396	5.95
1	Brown, 18-Ft. Coiled Modular-to-Modular	279-397	5.95
1	Almond, 18-Ft. Coiled Modular-to-Modular	279-398	5.95
1	Gray, 18-Ft. Coiled Modular-to-Modular	279-399	5.95
2	12-Ft. Modular-to-Modular	279-374	4.99
2	25-Ft. Modular-to-Modular	279-356	6.15
2	5 1/4" Modular-to-Modular	279-390	.99
2	25-Ft. 6-Cond. Modular-to-Modular	279-422	7.95
3	25-Ft. Modular-to-Spade	279-364	6.15
3	12" Modular-to-Spade	279-391	1.99
3	12-Ft. Modular-to-Spade	279-310	4.99

Modular Extensions

Move your phone! Modular plug at one end, two modular jacks at the other. (RJ11/14).
New Low Price! 12-Foot. Was \$5.95 in 1990 Catalog. 279-373 **5.49**
25-Foot. Was \$6.95. 279-363 **6.49**



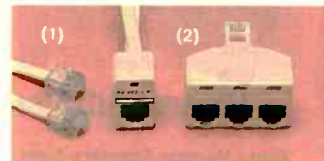
Modular Plugs and Tools

- (1) 4-Cond. Modular Plug. RJ11/14. 279-384 **Pkg. 10/2.99**
- (2) 6-Cond. Modular Plug. RJ11/14/25. 279-421 **Pkg. of 10/3.99**
- (3) Crimping Tool. 279-388 **6.95**



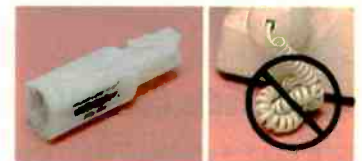
8-Terminal Wall Box

Just the thing for wiring telephone, audio and security alarm systems. Assures a quality connection. Mounts on studs or wallboard. Accepts most wallplates. 279-341 **2.59**



Coupler and Jack

- (1) Two-Line Coupler. Combines two single lines with RJ11 jacks into a two-line RJ14 jack. 279-401 **6.95**
- (2) Three-Way Jack. Adds two RJ11 (single-line) jacks to a 2-line RJ14 jack. 279-402 **6.95**



Handset Cord Untangler

Swivel connector prevents knotting of handset cord and prolongs cord life. Fits all phones equipped with standard modular handset cord. Plugs in at handset or base. 279-299 **4.99**

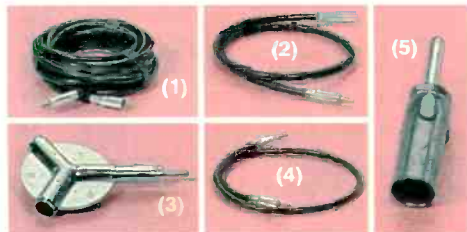
HEAR MORE STATIONS MORE CLEARLY

We're Your Car Stereo Antenna Headquarters for Better Reception and Price!

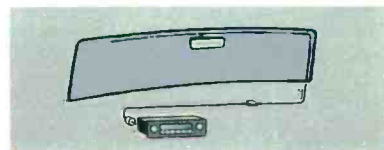


- (1) Ford Antenna. Fits 1982 to current. Easy 3-screw oval mounting. One-piece 31" stainless steel whip. 72" cable. 12-1335 **8.99**
- (2) Universal "8-Ball". Top cowl or fender mount. Three sections extend from 21 1/4" to 55". Adjusts up to 35°. Stainless steel whip. 54" cable. 12-1306 **5.99**
- (3) Stainless Steel Spring. Swivel ball mount for top cowl or fender. Three sections extend from 25 3/8 to 55". Adjusts 90°. 48" cable. 12-1307 **8.79**
- (4) Pillar Mount. Fits most Japanese cars except Honda. Three sections extend from 19 1/2 to 51". 61" cable. Mtg. hole spacing: 2 1/4 to 18". 12-1320 **8.49**
- (5) One-Piece Mini. For narrow fenders. 31" stainless steel whip. 54" cable. 12-1322 **6.99**
- (6) Black One-Piece Mini. Sleek, black version of 12-1322, above. 12-1334 **7.99**
- (7) Top Fender/Cowl Mount. 31" tapered stainless steel whip. 48" cable. 12-1329 **8.99**
- (8) Gutter-Mount. Three-section whip extends to 29 1/2". 78" cable. 12-1324 **7.99**
- (9) Rubber Ducky Antenna. Roof, trunk or rear fender mount. 16" long. 50" cable. 12-1327 **5.99**
- (10) Flexible Universal Mount. Fender or cowl mount. 15" long. 54" cable. 12-1331 **5.99**
- (11) Flexible Replacement Whip. Fits over stub of broken antenna. 14" long. 12-1333 **3.99**

Motorola-Type Plugs and Jacks



- (1) 12-Foot Inline Male-to-Female Extension. Plug on one end, jack on other. Built-in capacitor. 12-1311 **4.19**
- (2) 24" Male-to-Female Inline Extension. Increases reach of cable to allow you to mount antenna anywhere on vehicle. 12-1312 **1.49**
- (3) Universal 3-Way Antenna Cable Connector. Versatile—couples two antennas to one radio or one antenna to two radios. 12-1313 **1.99**
- (4) 24" Male-to-Male Extension. 12-1314 **1.49**
- (5) GM Antenna Adapter. Adapts GM mini connector to standard radio jack. 12-1336 **1.99**



Windshield AM/FM Antenna

Transparent antenna tape attaches easily to car or truck windshield—no holes to drill! Includes antenna lead-in cable, fender cap. 12-1325

4.99



The Radio Cover-Up

NEW! A great low-cost way to deter theft of your in-dash car radio while protecting it from harmful sunlight and moisture! High-quality plastic cover slips over radio and mounts in seconds. Features a realistic-looking false lock as an extra theft deterrent. Fits most makes and models. Includes mounting hardware and cassette insert. 12-1364

8.95



Harness Adapters and In-Dash Kits

Wiring Harness Adapters. 5-pin plug to quick-connect cable.

For Models	Cat. No.	Each
1978-88 GM	270-755	9.99
1989-90 GM	270-759	9.99

Ask store manager about harnesses for other makes. CMC.

In-Dash Installation Kits. Includes "DIN-E" chassis sizes. With mounting hardware.
 GM Kit. Fits 39 models. 12-1361 **8.95**
 Ford/Chrysler. Fits 69 models. 12-1362 **10.95**
 Toyota. 12-1363 **10.95**

AM/FM Power Antenna

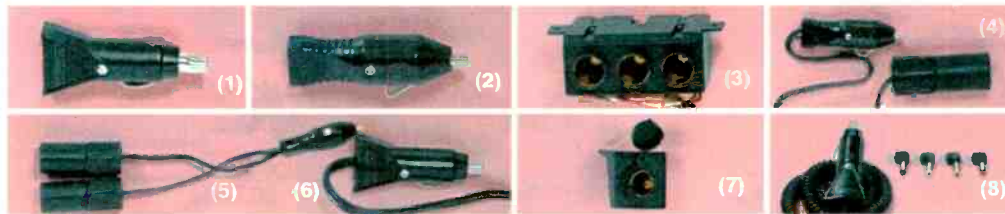
Needs Only 13" of Space Below Mounting Surface

Helps prevent vandalism! Fits most cars and trucks. Connects to ignition or radio and extends or retracts when either is turned on/off. Extends to 39". Stainless steel. With cable, power lead. Adapts to semi-automatic use. 12VDC neg. gnd. 12-1330

41.95



INSTALL IT RIGHT WITH RADIO SHACK



Handy Lighter-Plug Cords and Accessory Outlets for Your Car

- (1) Heavy-Duty Plug. Uses 3AG-style fuse up to 7.5A. 274-335, **2.19**
- (2) Lighter Plug. Handles up to 6 amps. 274-331 **1.59**
- (3) Triple Accessory Outlet. 15A. 270-1544 **8.99**
- (4) Ten-Foot Extension Cord. 8A. 270-1536 **5.49**
- (5) Two-Outlet Y-Adapter. Powers two accessories from lighter outlet. 8A. 270-1535 **5.49**
- (6) Heavy-Duty Fused Cord. 8-ft. cord. 270-1534 **5.49**
- Std. Fused. 8 ft. 270-1533 **3.79**
- Plug With Cord. 270-021 **2.79**

- (7) Accessory Outlet. Mounts easily in or under dash for powering 12VDC accessories. With cover. 270-1539 **5.49**
- (8) Universal Fused Coil Cord. Flexible, includes 4 different coax connector plugs. 8-ft. 270-1528 **9.95**



Automatic On/Off Accessory Switch

"Senses" when vehicle engine is running—shuts off when engine is off. Turns on/off auto sound, car phone, radar detector or other equipment that is plugged into cigarette lighter. With override switch. Rated for 12 volts, 3 amps. 270-1515

12⁹⁵



Connectors, Mounts and Fuses

- (1) Cable Sets. 4-ft. fused DC. 270-025 **2.19**
- 2-Cond. 12". For trailer lights, acc. 270-026 **1.19**
- 4-Cond. 12". 270-027 **1.99**
- (2) Under-Dash Slide Bracket. 270-016 **9.95**
- (3) Universal Cable. Fits 4 or 5-Pin sockets. 12" leads. 270-017 **2.29**
- (4) 5-Pin Cable Assembly. 12" leads. 270-041 **2.49**
- 18-Ft. Cable Assembly. 270-014 **5.49**
- (5) 5-Pin Inline Automotive Stereo Connector. 274-1215 **1.59**
- (6) Universal 3-Bracket Set. 270-023, **3.49**
- Control Shaft Nuts and Washers. (6 ea.) 270-024, **99¢**
- (7) Inline "Blade" Fuse Holder. 20A. 270-1213 **1.59**
- 1/4" Dia. Fuse Holder. 20A. 270-1211 **1.19**
- (8) Knobs. Fits "D" and split shafts. Matte-Black. 274-425 **Set/1.79**
- Chrome. 274-427 **Set/2.99**
- (9) Plastic Blade Fuse 5-Pak. 270-1201 **1.59**
- (10) Glass Fuse 10-Pak. 3 to 30A. 270-1262 **1.99**
- Fuse Tool. For blade and glass fuses. 270-1199 **99¢**
- (11) Mute Switch. Automatically silences car radio when you use your cellular phone. 17-801 **34.95**

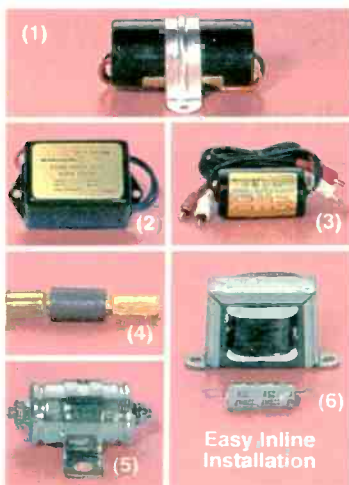


Electrical Tester

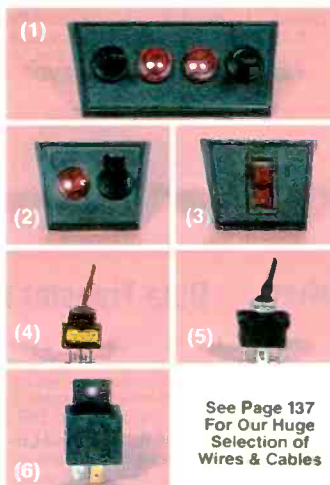
Plugs into lighter socket to help identify automotive battery and charging system problems before they leave you stranded. LEDs show condition of your car's battery and charging system. For use in all 12-volt negative ground vehicles. 22-1635

5⁹⁵

Complete Your Car Audio Installation With These Noise Filters and Panel Switches



- (1) 10-Ampere, High-Current Noise Filter. L-C sections cut ignition/alternator noise in CBs & radios. 270-051 **12.95**
- (2) 20-A Noise Filter. Heavy-duty protection from engine noise interference. 270-055 **17.95**
- (3) Ground Loop Isolator. Cuts noise/hum. Installs inline between CD and EQ or amp input. 270-054 **10.95**
- (4) Resistive Filter. Cuts spark plug noise. 270-012 **1.89**
- (5) Feedthrough Filter Capacitor. Cuts noise from ignition systems, fan motors and DC generators. Rated 0.5 μ F, 40 amp, 60WVDC. 272-1085, **5.99**
- (6) Noise Eliminator Kit. Filter choke, capacitor and instructions. 270-030 **3.99**



- (1) Dual Flip Switch/Light Panel. Rated 20 amp. Hardware for under-dash mounting. 275-707 **5.49**
- (2) Flip Switch/Light Panel. 20A. 275-703 **3.29**
- (3) Lighted Rocker Switch Panel. 25A. 275-704 **4.49**
- Dual Flip Switch/Light Panel. 20A. 275-702 **3.19**
- (4) Lighted Flip Switch. With lamp. 20A. 275-706 **2.59**
- SPST Flip Switch. Rated for 16A. 275-701 **1.99**
- Flip Switch. For heavy-duty automotive use. 25 amp. 275-708, **1.99**
- (5) DPDT Center-Off Flip Switch. 20 amp. 275-710 **2.39**
- DPDT Momentary Center-Off Flip Switch. 20A. 275-709 **2.79**
- (6) Lighting Relay. 30A. SPST. 160mA, 66-ohm coil 275-226, **5.99**

See Page 137 For Our Huge Selection of Wires & Cables

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Project and Replacement ICs, Multipurpose Mini Amplifier and Solar Power



With Data and Pin-Out Diagram

Low As **119**

CMOS and Bipolar Timer ICs

LS7210 Long-Delay Timer. Range from 6 ms to infinity. 14-pin DIP. 276-1307 **4.99**
 TLC555. Low-power CMOS timer with 555 pinout. Operates to 2 MHz. 8-pin DIP. 276-1718 **1.39**
 555 Timer IC. 8-pin DIP. 276-1723 **1.19**
 556 Dual Timer IC. 14-pin DIP. 276-1728 **1.49**



Requires a Minimum of External Parts

Easy-to-Use Audio Amp IC

LM386. Efficient—ideal for use in battery-powered projects such as phone amps, boosting output of headphone-type portables and receiver audio stages. Gain is adjustable by choice of external capacitor. Low-distortion, 400-milliwatt output for 8-ohm load. 4-12 VDC. 8-pin DIP. 276-1731 **109**



Mini Audio Amp/Speaker

Super test amp. It's also ideal for computer voice/music uses, phone amp and more. High-gain IC circuit. 1/8" earphone and input jacks. 3 3/8 x 3 3/16 x 1 3/4". Requires 9V battery. **1195**
 277-1008



With Data and Pin-Out Diagram

Low As **79c**

Op Amps, Comparator, Flasher

741. Factory fresh. 8-pin DIP. 276-007 **79c**
 1458 Dual Op Amp. 8-pin DIP. 276-038 **99c**
 LM324 Quad Op Amp. 14-pin DIP. 276-1711 **1.29**
 TL082 Dual BIFET Op Amp. Low-noise, high-impedance inputs. 8-pin DIP. 276-1715 **1.89**
 LM339 Quad Comparator. Four independent voltage comparators in a 14-pin DIP. 276-1712 **99c**
 LM3909 LED Flasher. 8-pin DIP. 276-1705 **1.69**



Use Twisted-Pair Wiring to Send Computer Data

Data-Transfer Line-Driver ICs

MC1488 RS232 Quad Line Driver. Lets you connect computer terminals and remote peripherals with economical twisted-pair wiring. Can interconnect different logic families. Current-limited output withstands shorts. 14-pin DIP with data. 276-2520 **129**
 MC1489 RS232 Quad Line Receiver. Use in system with above. Provides level translation, multiple outputs. 14-pin DIP with data. 276-2521 **129**

Solar Cell and Solar Project Kit

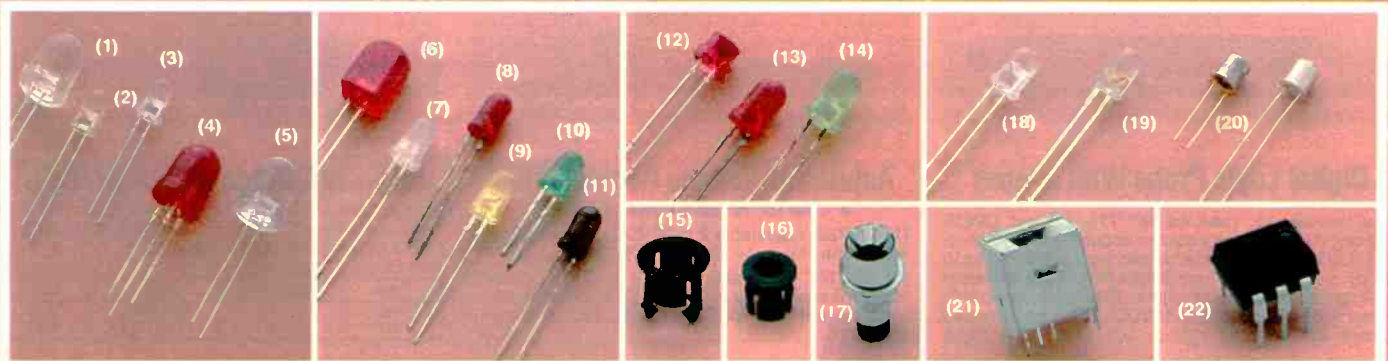
Harness the Sun!

NEW! "Flex" Solar Cell. Efficient, first-quality amorphous silicon cell produces about 1.1 volts DC and 70 mA current in full sun. 2 x 3 1/4". With battery-charging circuit data. 276-113 **595**

Solar Energy Project Set. Educational fun! Includes solar cell prewired to a DC motor, color wheels, propeller and informative booklet. 277-1201 **1095**



OPTOELECTRONICS AND BREADBOARDS



Super Selection of LEDs for Lighting Up Your Projects

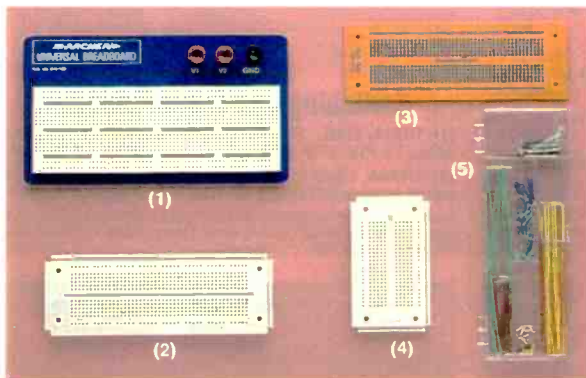
- (1) Jumbo 5000 mcd Red. Big, bright, cool. 276-086 **4.99**
- (2) 2000 mcd. Brilliant! 20 mA at 1.85VDC. 276-087 **1.69**
- (3) High-Brightness Red. 500 mcd at 20 mA, yet runs cool. T-1 $\frac{3}{4}$ size. 276-066 **1.19**
- (4) NEW! Low-Current Red. Only 2 mA, CMOS compatible. T-1 $\frac{3}{4}$. 276-044 **89¢**
- (5) Blinking. 10 mm GaAlAs device. 1200 mcd output. 276-020 **3.99**
- (6) Tombstone Red. Efficient 8 mm LED is easily stacked. 30 mA at 2VDC. 246-046 **99¢**
- (7) Dual-Color. Red or green output. 276-012 **1.19**
- (8) Jumbo Reds. T-1 $\frac{3}{4}$ case size. 276-041 **Pkg. of 2/69¢**
- (9) Jumbo Yellows. T-1 $\frac{3}{4}$ size. 276-021 **2/79¢**
- (10) Jumbo Greens. T-1 $\frac{3}{4}$ size. 276-022 **2/79¢**
- (11) Miniature Reds. T-1 size. 276-026 **2/69¢**

- (12) TLR-107 Brilliant Reds. 276-033 **Pkg. of 2/89¢**
- (13) Blinking Red. Built-in IC driver. 276-036 **1.29**
- (14) Blinking Green. Built-in IC driver. 276-030 **1.29**
- (15) T-1 $\frac{3}{4}$ LED Holders. Snap into $\frac{1}{4}$ "-diameter panel holes. 276-079 **Pkg. 5/59¢**
- (16) Snap-In Holders for T-1 LEDs. 276-078, **Pkg. of 5/59¢**
- (17) Chrome T-1 $\frac{3}{4}$ LED Holders. 276-080 **Pkg. 2/1.19**

Infrared LEDs, Accessories

- (18) SEP8703-1 Infrared LED. 276-143 ... **1.69**
- (19) TIL414 IR Phototransistor. High-speed NPN. Rated 50 mW. T-1 $\frac{3}{4}$ case. 276-145 ... **99¢**
- (20) IR Pair. Matched infrared LED transmitter and phototransistor detector. 276-142 .. **Set 1.99**
- (21) IR Detector Module. Simplifies infrared receiver circuits. Combines IR detector, amp, limiter, bandpass filter, demodulator, integrator and comparator. Board-mountable $\frac{5}{8}$ x $\frac{1}{2}$ x $1\frac{1}{32}$ " package. 5VDC. With data. 276-137 **3.49**
- (22) MOC3010 Optocoupler. Interface between logic-level signals and 120VAC circuits up to 100 mA. Ideal for IR control. 6-pin DIP. 276-134, **1.99**

Solderless IC Breadboards and Accessories



The fast way to design your own circuits! Our breadboards accept a wide variety of devices and make circuit changes as easy as plugging and unplugging wires. When your circuit is working properly, it's simple to transfer it to the matching experimenter's PC board for a soldered, permanent version.

- (1) Universal Breadboard. Our finest! This $2\frac{1}{4}$ x $6\frac{1}{2}$ " molded board is mounted on a 7 x 4" "stay put" steel base with rubber feet. Accepts DIPs, discrete components and jumper wires (Fig. 5 recommended). Provides a total of 640 plug-in tie points and has three binding posts for external connections. Will provide many years of service. Excellent value! 276-169 **19.95**

- (2) 6" Modular IC Breadboard Socket. Silver-nickel low-resistance contacts. Features two bus strips, 550 indexed connection points. Modular—you can attach more sockets for complex designs. $2\frac{1}{8}$ x 6". 276-174 **11.95**
- (3) Matching Printed Circuit Board. Layout matches modular breadboard sockets shown in this section. Features a total of 550 predrilled, indexed connection points. $2\frac{1}{8}$ x $3\frac{3}{8}$ x $\frac{1}{16}$ ". 276-170 **2.79**
- (4) Modular IC Breadboard Socket. Smaller version of Fig. 2 with 270 connection points. $2\frac{1}{8}$ x $3\frac{3}{8}$ x $\frac{1}{16}$ ". 276-175, **7.49**
- (5) Jumper Wire Kit. Speeds building! Includes 140 insulated, pre-stripped wires—10 each of 14 different lengths—in a snap-shut plastic box. 276-173, **Set 4.95**



LED Bargraph Display and LED Numerical Display

- (1) 10-Segment LED Bargraph Display. Ideal for metering audio amplifiers. Fits 20-pin DIP socket. 276-081 **2.99**

- (2) 7-Segment LED Digital Display. Fits 14-pin DIP socket. 0.3". Left or right decimal. Com. cathode. 276-075 **1.79**

ARCHER® Semiconductors—Quality You Can Really Depend On

Archer brand semiconductors are 100 percent manufacturer's first-quality devices—NOT floor sweepings or rejected shipments. (When we offer a special purchase, this fact is shown on the package and in our ads.) Most Archer semiconductors are factory-marked and date-coded, your assurance

of getting the very latest version. Whether the device you buy is for a youngster's project or for replacement in an important business machine, you can depend on its quality. That's a promise from Radio Shack—the company that has specialized in electronics for 70 years!

DIODES, REGULATORS AND DIGITAL ICs



Digital Logic Probe With Beeper

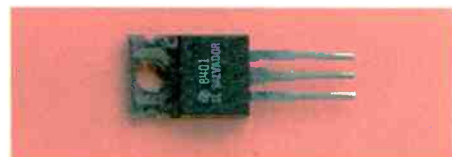
The fast way to "peek inside" TTL, LS and CMOS digital circuits, memory, microcomputer and peripheral ICs. LEDs indicate hi/low/pulsed logic states (up to 10 MHz). Simultaneous tone output frees eyes for faster testing. Input: 100,000 ohms. Minimum detectable pulse width: 50 ns. 4.7 to 15VDC. Powered by tested circuit. 22-303 **16.95**



Adjustable Voltage Regulator ICs

■ Ideal for Variable Power Supplies

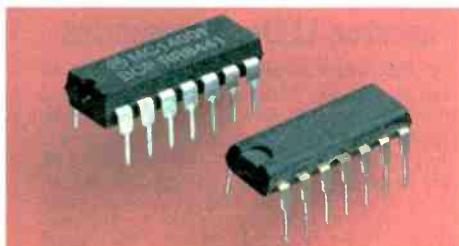
(1) **LM723**. Adjustable 2 to 37VDC output. 150 milliamps maximum. 14-pin DIP. 276-1740 **99¢**
 (2) **LM317T**. Adjustable from 1.2 to 27VDC output. Heat sink such as our #276-1363 is required for maximum current rating of 1.5 amps. TO-220 style case. 276-1778 **1.99**



Fixed Voltage Regulator ICs

Feature built-in overload protection and thermal shutdown. Maximum input: 35VDC. Heat sink such as Radio Shack #276-1363 is required for full 1 amp current rating. TO-220 cases.

Type	Output VDC	Cat. No.	Each
7805	+ 5	276-1770	1.19
7812	+ 12	276-1771	1.19

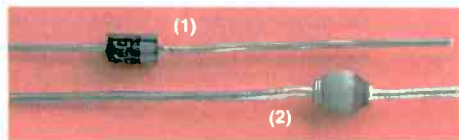


4000 Series Digital CMOS ICs

Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.99
Quad 2-Input NAND Gate	4011	276-2411	.99
Dual Type-D Flip Flop	4013	276-2413	1.19
Decade Counter/Divider	4017	276-2417	1.49
Inverting Hex Buffer	4049	276-2449	1.19

TTL Digital ICs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.89
Hex Inverter	7404	276-1802	.99
BCD to 7-Seg. Driver	7447	276-1805	1.69
Div. by 2/5 BCD Counter	7490	276-1808	1.19



Top-Quality Rectifier Diodes

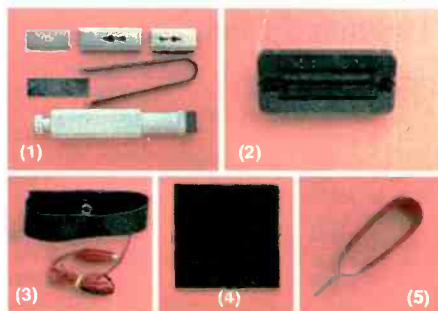
(1) **Micromini 1-Amp Diodes**. Rated 30-amp surge.

Type	Peak Inverse Voltage (PIV)	Cat. No.	Package of 2
1N4001	50	276-1101	.49
1N4003	200	276-1102	.59
1N4004	400	276-1103	.69
1N4005	600	276-1104	.79

(2) **3-Amp "Barrel" Diodes**. Rated 200-amp surge.

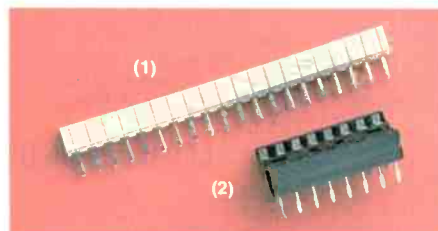
Type	PIV	Cat. No.	Package of 2
1N5400	50	276-1141	.99
1N5402	200	276-1143	1.19
1N5404	400	276-1144	1.29

PTC205 2.5-Amp, 1000 PIV Silicon Diodes. Excellent for high-voltage, high-current power supplies. 1/4 x 3/16". 276-1114 **Pkg. of 3/1.49**



Tools for Safe IC Handling

(1) **IC Inserter/Extractor Set**. Install and remove 6-pin to 40-pin DIPs without damage. Extractor works with LSI, MSI and DIP devices. Both tools are groundable. 276-1581 **6.95**
 (2) **IC Pin Aligner**. Just a squeeze and bent pins become factory-straight. For 6-pin to 40-pin DIPs. Groundable. 276-1594 **3.49**
 (3) **Static-Draining Wrist Strap**. Has 24" ground lead with clip. 276-2397 **3.29**
 (4) **Conductive Foam Mat**. 5 x 5". For bench, storage or shipping. 276-2400 **1.29**
 (5) **Heat Sink for Soldering**. Essential for safe soldering of semiconductors and low-power passive components. 276-1567 **1.39**

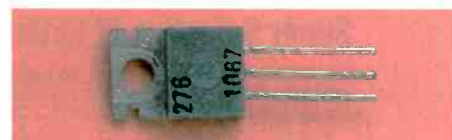


PC Board-Mount IC Sockets

(1) **20-Position SIP Socket**. 276-1975 **1.49**
 (2) **Nonwicking Solder-Type DIP Sockets**

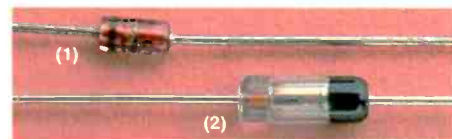
Type	Cat. No.	Pkg. of 2
8-Pin	276-1995	.59
14-Pin	276-1999	.89
16-Pin	276-1998	.99

Type	Cat. No.	Each
18-Pin	276-1992	.49
20-Pin	276-1991	.59
28-Pin	276-1997	.89
40-Pin	276-1996	.99



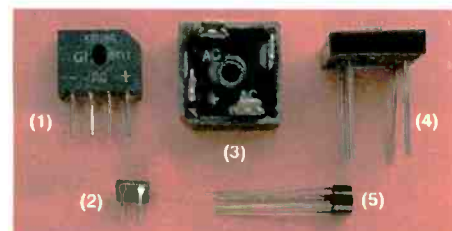
SCRs and Triacs

6-Amp Silicon Controlled Rectifiers (SCRs). Ideal for motor speed control. With data.
 200 Volts. 276-1067 **99¢**
 400 Volts. 276-1020 **1.19**
6-Amp Triac. Ideal for light dimmers, heat element control. Rated up to 400V. 276-1000 **1.49**



Switching and Signal Diodes

(1) **1N914/4148**. Popular silicon switching-type diodes. 75 PIV. 276-1122 **Pkg. of 10/99¢**
 (2) **1N34A**. Hard-to-find general-purpose germanium signal diodes. 60 PIV. 276-1123 **Pkg. of 10/99¢**
 Radio Shack can supply a wide variety of switching, rectifier and signal diodes through our Special-Order Parts Hotline—see details on page 122.



Full-Wave Bridge Rectifiers

(1) **4-Amp Bridge Rectifiers**

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.99

(2) **1-Amp, 50 PIV**. Two fit into a 14-pin DIP socket. 276-1161 **89¢**
 (3) **25-Amp, 50 PIV**. Metal case for maximum heat dissipation. Center mtg. hole. 276-1185 **2.69**
 (4) **8-Amp, 250 PIV**. Mtg. hole. 276-1181 **2.19**
 (5) **1.5-Amp, 100 PIV**. Compact. 276-1152 **1.19**

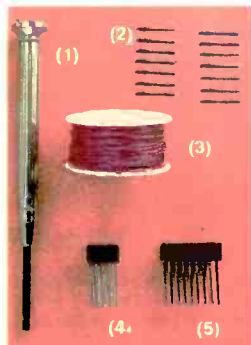
TRANSISTORS, ACCESSORIES AND BOOKS



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Semiconductor Reference Guide. New 1991 edition! Cross-reference lists over 60,000 types and the Radio Shack replacements. Also gives detailed data on Radio Shack ICs, SCRs, LEDs, diodes and optos. 276-4014 **3.99**

Getting Started in Electronics. By Forrest Mims III. A super "hands on" introduction to building electronic circuits. Features big diagrams and easy-to-understand hand-lettered text by one of America's most popular electronics writers. 128 pages. 276-5003 **2.49**



Wire Wrapping Essentials

(1) **Wire-Wrapping Tool.** Makes solid wrap connections faster than soldering. Strips, wraps and unwraps 30-gauge wire. 276-1570 **6.95**

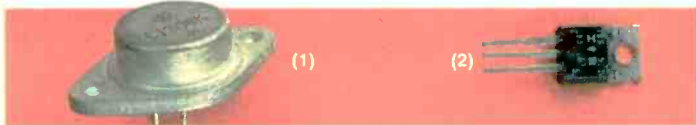
(2) **Wire-Wrapping Posts.** Insert and securely lock into standard perf and PC boards. 0.025" square. 276-1987 **Pkg. of 20/99¢**

(3) **30-Gauge Wire.** 50 feet. **Each 2.39**

Color	Cat. No.	Color	Cat. No.	Color	Cat. No.
Red	278-501	White	278-502	Blue	278-503

(4) (5) **Wrapping Sockets.** Square 0.025" posts accept three levels of wire.

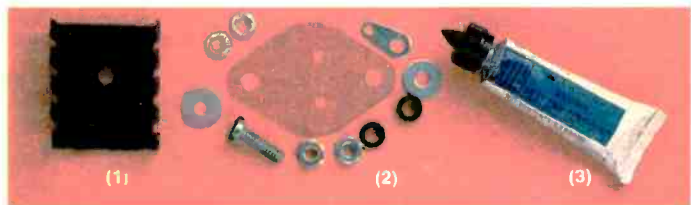
Pins	Cat. No.	Price	Pins	Cat. No.	Price
8	276-1988	2/1.39	16	276-1994	2/1.59
14	276-1993	2/1.49	28	276-1983	1.39



TV Horizontal Output Transistor and Power MOSFET

(1) **2SC1308.** High-voltage NPN-type transistor used as horizontal output in many color TV sets. Replaces ECG-238, GE-38 and SK-3115. TO-3 case. 276-2055, **6.95**

(2) **IRF-511 Power MOSFET.** Ideal for switching-type power supplies and power inverters, relay drivers, motor controllers. Also great for experimental designs—it has been successfully used in audio and RF power amplifiers. High immunity to thermal runaway. Easily paralleled. Handles up to 60VDC and 3 amps. "On" resistance only 0.6 ohm. TO-220 case. 276-2072 **1.99**



Mounting Accessories for Power Semiconductors

(1) **TO-220 Heat Sink.** Designed for PC board-mounted power semiconductors. 276-1363 **79¢**

(2) **Mounting Hardware.** For TO-3 case. With screws, insulating washers, solder lug, bushings. 276-1371 **Set 99¢**

Mounting Hardware for TO-220 Case. 276-1373 **Set 99¢**

(3) **Heat Sink Grease.** Assures proper heat transfer. 6.5 grams. 276-1372 **1.59**



Radio Shack Can Replace Over 60,000 Transistor Types

Each transistor includes data and pin-out. Refer to Semiconductor Reference Guide (above) for complete cross-reference.

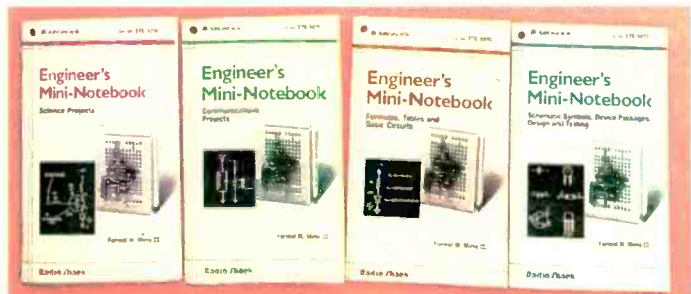
Direct Commercial Equivalent	Replaces*			Pol.	Use	Diss.	Case	Cat. No.	Each
	GE†	Sylvania†	RCA†						
	Type GE	Type ECG	Type SK						
MPS2222A	20	123A	3122	NPN	GP	500mW	TO-92	276-2009	.59
MPS3904	20	123A	3122	NPN	SW	350mW	TO-92	276-2016	.59
TIP31	66	152	3054	NPN	P	40W	TO-220	276-2017	.99
MPS2907	82	159	3025	PNP	SW	400mW	TO-92	276-2023	.59
MJE34	34	197	3084	PNP	P	90W	TO-220	276-2027	1.49
2N3053	241	128	3024	NPN	P	5W	TO-39	276-2030	.79
TIP120	...	261	3180	NPN	D	65W	TO-220	276-2068	1.29
2N3055	14	181	3027	NPN	P	115W	TO-3	276-2041	1.99
MJ2955	74	219	3335	PNP	P	150W	TO-3	276-2043	1.99
2N4401	20	123AP	3444	NPN	SW	350mW	TO-92	276-2058	.49

N-Channel Field-Effect Transistors (FETs)

Direct Commercial Equivalent	Use	Diss.	gfs min/max mhos	Case	Cat. No.	Each
2N3819	GP	360mW	2.0/6.5	TO-92	276-2035	.79
MPF102	VHF Amp, Mixer	310mW	...	TO-92	276-2062	.79

*In most circuits. See product package for exact device specs.

D = Darlingtion P = Audio Amp, Switch NOTE: Parameters are at 25° C.
GP = General Purpose SW = Switch



Engineer's Mini-Notebook Series by Forrest Mims III

Explore the fascinating world of electronics! These "notebooks" feature the friendly style made famous by Mims—big diagrams, concise hand-lettered text plus safety tips and suggestions for further experiments.

NEW! Science Projects. Build interesting projects using common household materials and Radio Shack parts. Construct simple batteries, resistors, a super capacitor, light and moisture sensors, wind speed indicator, even a simple ground-motion "earthquake" detector. 48 pages. 276-5018 **1.49**

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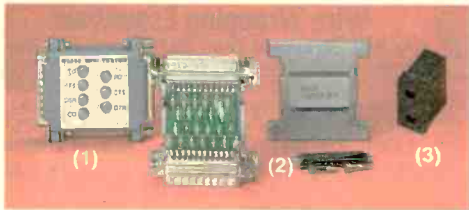
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Communications Projects. Build telegraphs, lightwave communication and radio receiver projects. 48 pages. 276-5015 **1.49**

Formulas, Tables and Basic Circuits. Understand and use Ohm's law, parallel and series resistance formulas, more. 48 pages. 276-5016 **1.49**

Schematic Symbols. Covers device packages, design and includes troubleshooting tips. 48 pages. 276-5017 **1.49**

EASIER COMPUTER/NETWORK HOOKUPS

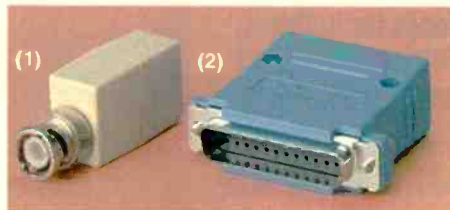


Peripheral Hookup Helpers

(1) **RS-232 Troubleshooter.** Spot problems fast! Dual-color LEDs monitor seven data/control lines. D-sub 25. Connects inline. 276-1401 **14.95**

(2) **Shielded Shunt Box.** Wire included PC board to suit your application. 276-1403 **9.95**

(3) **DIP Programming Shunts.** 2-position. Used in many computer boards. 276-1512 **10/1.29**

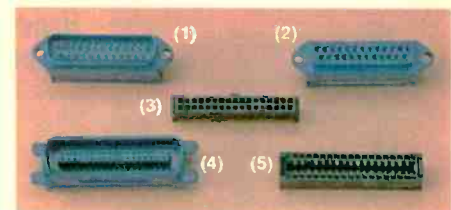


Twisted-Pair Networking

These items let you use phone cable instead of more costly shielded wire in local area networks.

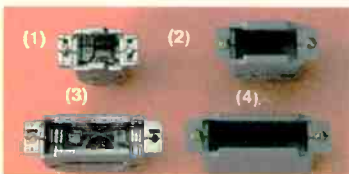
(1) **Modular Balun.** BNC male connector to modular phone jack. 276-1410 **16.95**

(2) **RS-232 to Modular Adapter.** Female D-25 to RJ-45 (8-position) modular jack. 276-1406 **4.49**
Male D-9 Connector to RJ-11 (6-Position) Modular Phone Jack. 276-1405 **2.99**



Solderless IDC-Type Connectors

Fig.	Description	Cat. No.	Each
1	25-Position D-Sub Male	276-1559	3.99
2	25-Position D-Sub Female	276-1565	3.99
3	34-Position Header	276-1525	2.49
4	36-Position Male Printer	276-1533	4.99
5	34-Position Card-Edge	276-1564	1.99



D-Sub Hoods

Fig.	Description	Cat. No.	Each
1	9-Position Metal	276-1508	2.19
2	25-Position Metal	276-1510	2.79
3	9-Pos. Nonshielded	276-1539	.79
4	25-Pos. Nonshielded	276-1549	.89
5	9-Pos. Metalized	276-1513	1.49
6	25-Pos. Metalized	276-1536	1.99

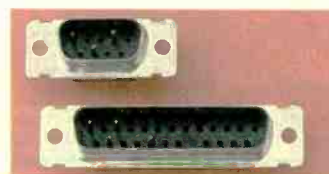
(4) 25-Pos./Gender-Changer. 276-1520, **1.79**



Solder-Type D-Subs

Quality gold-plated pins and terminals. Metal shell for shielding.

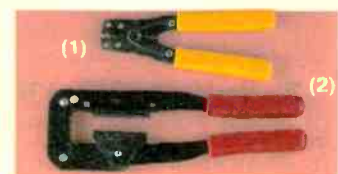
Positions	Type	Cat. No.	Each
9	Male	276-1537	.99
9	Female	276-1538	1.99
25	Male	276-1547	1.49
25	Female	276-1548	2.49



Crimp-Style D-Subs

With Gold-Plated Contacts

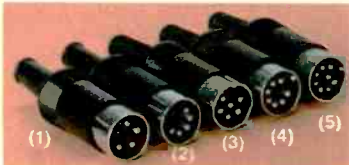
Pos.	Type	Cat. No.	Each
9	Male	276-1427	.99
9	Female	276-1428	1.19
25	Male	276-1429	1.49
25	Female	276-1430	2.49



D-Sub and IDC Tools

(1) **D-Sub Pin Crimper.** Professional steel tool accepts #20, #24 and #28 pins. 6⁷/₁₆" long. 276-1595 **9.95**

(2) **IDC Connector Tool.** Quality steel tool makes it easy to attach IDC-type connectors to flat cables. 9³/₁₆" long. 276-1596 **12.95**



DIN Plugs

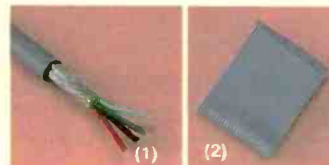
Fig.	Positions	Cat. No.	Each
1	4	274-007	1.69
2	5	274-003	1.69
3	6	274-020	1.79
4 NEW!	7	274-029	1.79
5	8	274-026	1.79



Inline DIN Jacks

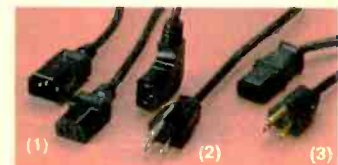
Use with DIN plugs to make custom extension cables for computer keyboards and peripherals.

Fig.	Positions	Cat. No.	Each
1	5	274-006	1.69
2 NEW!	7	274-030	1.79
3	8	274-027	1.99



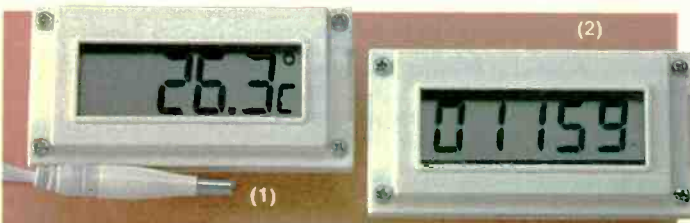
Multiconductor Cable

(1) **NEW!** 4-Conductor Double-Shielded Cable. 30 feet. 278-777 **7.95**
Double-Shielded Cable. Foil wrap plus braid. 9-conductor. 278-775 **Per Ft. 59¢**
 25-Conductor. 278-776 **Per Ft. 1.19**
 (2) **Nonshielded Ribbon Cable.** For computer hookups. 25-conductor. 5 feet. 278-772, **3.59**
 36-Conductor. 6 feet. 278-774 **4.69**



Computer AC Cords

Grounded ■ UL Listed ■ 6 Foot
 (1) **CEE Extension.** Extends cord on computers and office equipment. 278-1259 **4.99**
 (2) **Cord With Right-Angle CEE Connector.** Ideal for tight spaces. 278-1260 **5.99**
 (3) **Cord Like Fig. 2 But With Straight CEE Connector.** 278-1257 **3.99**



Prewired, Panel-Mount Archer® Modules

Temperature Indicator/Controller. Use "as-is" for a thermometer or add simple circuits to control a buzzer, LED, fan or heater automatically at your preset temperatures. Programmable high/low activation temperatures. LCD with 1/2" digits. Selectable -40 to +122° F, -40 to +50° C ranges. 2¹/₁₆ x 1³/₁₆ x 1¹/₁₆". Requires "AA" battery. Draws only 10 microamps. With probe, cord, data. 277-123 **19.95**

Electronic Counting Module. Counts to 99,999. Advanced by external switch closure or digital circuit. Use for event or traffic counter. Count rate up to 7 Hz. 1/2" LCD display. Same size as module above. Easily panel-mounted. Requires "AA" battery. Operating current is only 4 microamps. With data. 277-302 **16.95**

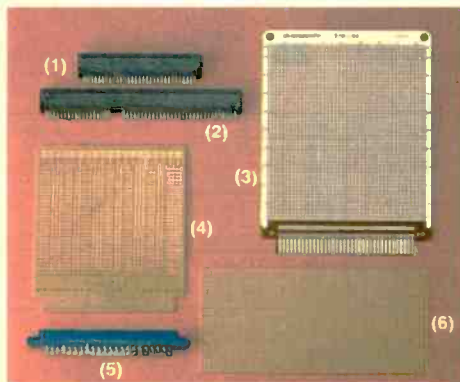
Radio Shack—The Store for Builders Since 1921

For 1991, Radio Shack continues its tradition of offering a wide selection of electronics for professionals, experimenters and

students. We carry components and accessories to meet almost every need—all at reasonable prices and available near you.

SEE PAGE 92 FOR INFORMATION ON QUANTITY DISCOUNTS

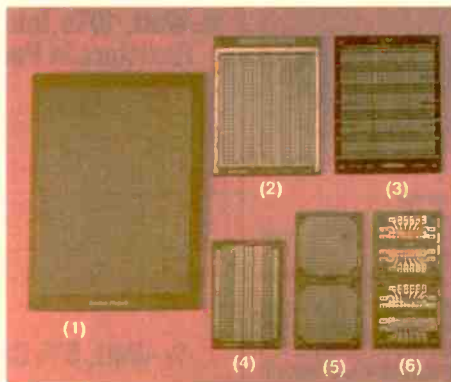
PROJECT PC BOARDS AND ENCLOSURES



Plug-Ins and Perfboards

- (1) 62-Position PC/XT Bus Card-Edge Connector. For short cards. 276-1453 **2.95**
- (2) 98-Position AT-Bus Card-Edge Connector. 276-1454 **4.95**
- (3) 72-Position Plug-In Board. 4 1/2 x 5 1/8". With popular .100" contact centers. 276-192 **4.99**
- (4) 44-Position Plug-In Board. 4 1/2 x 4". With 1/8" grids. Contacts on .156" centers. 276-154 **3.49**
- (5) 44-Position Card-Edge Connector for Above. Solder-tail type. 276-1551 **2.99**
- (6) IC-Spacing Perfboard. Have 0.42" prepunched holes in standard .100 x .100" grid.

Size	Cat. No.	Each
2 3/4 x 6"	276-1395	1.99
4 1/2 x 6"	276-1394	2.19
6 x 8"	276-1396	2.99

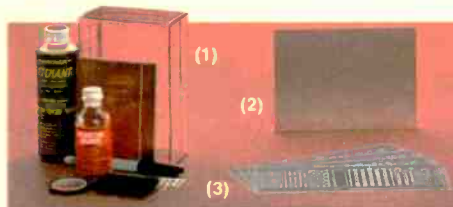


Predrilled Boards

- (1) Grid Boards. Solder-ringed holes accept DIPs, sockets, headers. Indexed for pin-out identification.

Size	Holes	Cat. No.	Each
4 1/2 x 6 5/8"	2200	276-147	3.79
2 3/4 x 3 3/4"	750	276-158	2.29
1 27/32 x 2 27/32"	356	276-149	.99

- (2) Universal Board. 750 solder-ringed holes. For DIPs up to 40 pins. Indexed. 3 3/8 x 2 7/8". 276-168 **2.29**
- (3) IC/LSI Board. For ICs up to 40 pins. 750 holes. Both sides indexed. 2 1/8 x 3 3/4". 276-162 **2.29**
- (4) Multipurpose Board. Two bus strips at the center. 417 solder points. 1 27/32 x 2 27/32". 276-150 **99c**
- (5) Dual Mini-Board. 213 holes. 1 3/4 x 3 5/8". Can be snapped in half. 276-148 **1.39**
- (6) Dual IC Board. For two 6 to 20-pin DIPs. Four hookup points for each pin. 1 3/4 x 3 5/8". 276-159 **1.49**



Etch Your Own PC Boards

- (1) PC Board Kit. Everything you need. Two 4 1/2 x 3" copper-clad boards, resist-ink pen, solvent, etchant, layout strips and circles, tank, 1/8" drill bit, instructions. 276-1576 **9.95**
- Extra Pen. 276-1530 **1.79**
- Extra Etchant. 16 oz. 276-1535 **2.69**
- (2) Double-Sided PC Board. 4 1/2 x 6 5/8". 276-1499 **3.99**
- (3) Direct-Etch Dry Transfers. With rub-on circles, strips, IC pads. Make prototyping easy. 276-1577 **4 Sheets 2.99**



PC-Board Accessories

- (1) Standoffs With Screws. These 1/8" high metal studs simplify board mounting. 276-195 **Set of 4/1.19**
- (2) PC Board Wire Terminals. Two-position. For reliable wire hookups. 276-1388 **Pkg. of 4/1.99**
- (3) Circuit Symbols Template. This durable guide makes it easy to draw industry-standard schematics. 276-180 **3.95**
- (4) NEW! Grounding Strap. Heavy-duty 4"-long braided cable with crimped and soldered eyelet. Assures a low-resistance ground for internal PC boards to fight RFI. 276-1155 **59c**

Complete Your Electronic Project With a Top-Quality Archer® Enclosure



Experimenter Enclosures

With internal slots for mounting a PC board.

Size	Cat. No.	Each
4 x 2 x 1 3/8"	270-220	1.89
4 x 2 7/8 x 1 1/8"	270-221	2.19
4 3/4 x 2 1/2 x 1 1/8"	270-222	2.49
6 x 3 3/8 x 1 7/8"	270-223	2.99
7 1/2 x 4 1/4 x 2 1/4"	270-224	3.39



Boxes With Aluminum Covers

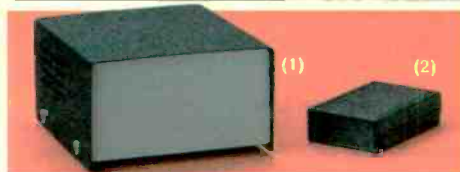
Size	Cat. No.	Each
3 1/4 x 2 1/8 x 1 1/8"	270-230	1.79
4 x 2 1/8 x 1 5/8"	270-231	1.99
5 1/8 x 2 5/8 x 1 5/8"	270-233	2.29
6 1/4 x 3 3/4 x 2"	270-627	2.69
7 3/4 x 4 3/8 x 2 3/8"	270-232	3.59



Heavy-Duty Construction

Power Supply/Project Case

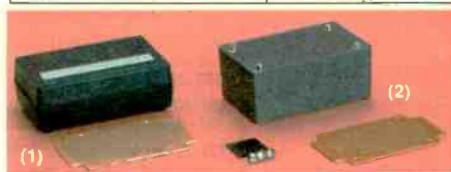
- NEW!** With a well-ventilated bottom and top, it's ideal for a power supply or other heat-producing circuit. Inside, there are elevated mounting posts (3/32" centers) for a transformer, plus elevated drop-in mount for adding a 2 1/8 x 1 1/8" PC board for rectifiers, filter caps and regulator. Predrilled power cable holes at ends and built-in strain relief. 2 1/2 x 4 5/8 x 3 1/4". With hardware. 270-287 **3.99**



Metal Cabinet and "Beeper" Case

- (1) Metal Cabinet. Attractive all-metal enclosure features vented top. Aluminum front, back, bottom is easy to drill for PC board and component mounting. 3 x 5 1/4 x 5 7/8". 270-253 **6.79**

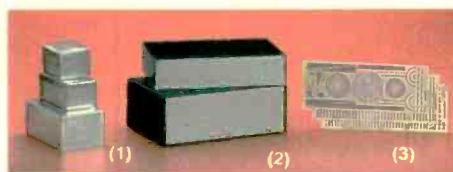
- (2) Transmitter Case. Ideal for an RF or infrared control, beeper or portable device. Durable molded case has a removable end panel and compartment for 9V battery. 3 3/4 x 2 5/8 x 1". 270-293 **3.99**



Box and PC Board Combos

- (1) Archer PERFFBOX®. Just add your circuit! Includes predrilled 2 x 3 1/8" board. Molded enclosure is 3 7/8 x 2 5/8 x 1 3/8". With labels, protective feet and hardware. 270-291 **4.99**

- (2) Project Box With PC Board. Sensational value! This handsome gray enclosure with an aluminum cover is 3 3/8 x 2 1/8 x 1 3/8". With assembly hardware and protective vinyl feet. 270-283 **3.99**



Metal Enclosures and Labels

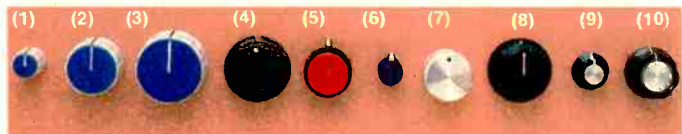
- (1) Metal P-Box®, With assembly hardware.

Size	Cat. No.	Each
2 3/4 x 2 1/8 x 1 5/8"	270-235	1.79
4 x 2 1/8 x 1 5/8"	270-239	1.99
5 1/4 x 3 x 2 1/8"	270-238	2.49

Fig.	Size	Cat. No.	Each
2	1 5/8 x 8 1/4 x 6 1/8"	270-272	8.79
2	3 1/8 x 8 1/4 x 6 1/8"	270-274	10.79

- (3) Rub-On Project Labels. 270-201 **Set 2.99**

KNOBS, CONTROLS AND FIXED RESISTORS



Control Knobs for 1/4"-Diameter Shafts

With Quality Brass Bushings and Set Screws

Two-Color. Feature gray base and blue cap, knurled grip finish.

Fig.	Depth	Diameter at Base	Cat. No.	Pkg. of 2
1	1 1/16"	1 9/32"	274-428	1.79
2	3/4"	1 1/8"	274-429	2.19
3	13/16"	1 1/16"	274-430	2.59

(4) Communications. 1 1/2" diameter by 1 1/8". Feature knurled grip and grooved pointer.

274-402 Pkg. of 2/1.19

(5) Red Insert. 1" dia. by 5/8". Adds a modern look to any project. Use with blue insert style, below, to color-code your controls.

274-433 Pkg. of 2/1.29

(6) Blue Insert. 1/2" diameter by 3/8" deep. Color-matched to our

popular #270-220 series of blue project enclosures.

274-403 Pkg. of 2/99c

(7) Contemporary. 1" diameter by 5/8". Metal over plastic construction with handsome engraved finish. A perfect choice for tuning and volume controls.

274-424 Pkg. of 2/2.19

(8) Hexagonal. About 1 1/4" by 5/8".

274-407 Pkg. of 2/1.29

(9) Hexagonal With Aluminum Insert. Indexed. 3/4" by 7/16".

274-415 Pkg. of 4/1.69

(10) Jumbo 1 x 9/16" Version of Fig. 9. Indexed.

274-416 Pkg. of 4/1.99

1/2-Watt, 10% Tolerance Carbon Resistors in Packages of 2

25c



Ohms	Cat. No.
10	271-001
15	271-003
22	271-005
33	271-007
47	271-009
68	271-010
82	271-011
100	271-012
150	271-013

Ohms	Cat. No.
180	271-014
220	271-015
270	271-016
330	271-017
390	271-018
470	271-019
560	270-020
680	271-021
1k	271-023

Ohms	Cat. No.
1.2k	271-024
1.5k	271-025
2.2k	271-027
3.3k	271-028
3.9k	271-029
4.7k	271-030
5.6k	271-031
10k	271-034
15k	271-036

Ohms	Cat. No.
22k	271-038
33k	271-040
47k	271-042
100k	271-045
220k	271-049
470k	271-053
1 meg	271-059
2.2 meg	271-061

1/4-Watt, 5% Carbon Resistors

39c



Pkg. of 5

Ohms	Cat. No.
10	271-1301
100	271-1311
150	271-1312
220	271-1313
270	271-1314
330	271-1315

Ohms	Cat. No.
470	271-1317
1k	271-1321
2.2k	271-1325
3.3k	271-1328
4.7k	271-1330
10k	271-1335

Ohms	Cat. No.
15k	271-1337
22k	271-1339
33k	271-1341
47k	271-1342
100k	271-1347
220k	271-1350

Ohms	Cat. No.
470k	271-1354
1 meg	271-1356
10 meg	271-1365

Resistor Assortments



- (1) 1/4-Watt Precision Metal-Film.** 1% tolerance. 50-piece set with 12 popular values. 271-309 Set 2.99
- (2) 1/4-Watt Carbon.** 5% tolerance. 100-piece set with 13 popular values. 271-308 Set 2.99
- (3) 1/4-Watt Carbon-Film.** 5% tolerance. Jumbo 500-piece set with 54 popular values. 271-312 Set 7.95
- 1/2-Watt Carbon.** 10%. 100 pieces. 21 values. 271-306 Set 3.49

Thermistor

Precision Sensor



Resistance changes in proportion to temperature. -50 to +110° C range. 10k-ohm at 25° C. 271-110

199

Surface-Mount

200-Piece Assortment

NEW! Tiny 1/8W, 5% "chip" resistors for replacement or "micro" projects. 15 specific values, 10 ohms to 10 meg ohms. 271-313

SET 4.99



Vertical-Style PC-Board Pots

1/4-Watt. 260° Rotation . . . Each 69c



PC-Mount Pots

Horizontal-Style. 0.1W, 50VDC micro carbon-film trimmers, Each 49c

Ohms	Cat. No.	Ohms	Cat. No.
500	271-226	50k	271-219
1k	271-227	100k	271-220
5k	271-217	1 meg	271-229
10k	271-218		

Ohms	Cat. No.	Ohms	Cat. No.
1k	271-280	47k	271-283
4.7	271-281	100k	271-284
10k	271-282		

15-Turn Trimmers

10% Tolerance. For PC mounting. The 15-turn range is ideal for circuit fine-tuning. Rated 3/4-watt.

1k Ohm. 271-342 1.49
10k Ohm. 271-343 1.49
20k Ohm. 271-340 1.49

Pocket Guides

(1) Color Codes. Just match colors to get accurate readout of resistor, capacitor, inductor values. 271-1210, 79c
(2) Ohm's Law and Parallel Resistance. 271-1211 59c



Wirewound Resistors

10% Tolerance

Watts	Ohms	Cat. No.	Price
2	10.0	271-080	2/.99
5	0.47	271-130	Ea./1.49
10	1.0	271-131	2/.99
10	10.0	271-132	2/.99
10	50.0	271-133	2/.99
10	100.0	271-135	2/.99

Metal-Oxide and Non-Inductive

(1) Metal-Oxide. One-watt. 5%.

Ohms	Cat. No.	Pkg. of 2
10	271-151	.29
100	271-152	.29
1000	271-153	.29

(2) 8-Ohm Non-Inductive. 20 watts. 5% tolerance. 271-120 1.49

Potentiometers for Panel or Chassis Mounting

(1) 2-Watt Rheostat. 25-ohm wirewound pot useful for speaker attenuation and fine circuit adjustment. Tolerance ±20%. Rated 2 watts continuous, 5 watts intermittent. 271-265 2.99

(2) 100K Stereo Control. Two ganged pots with smooth, precise "feel". 1/2" long, 1/4"-diameter shaft. 40% loudness tap. 3/8" mtg. hole. 271-1732 1.99

(3) Potentiometers. With 6 mm-dia. shaft for 1/4" applications. 5/16" mtg. hole.

Audio Taper		
Ohms	Cat. No.	Each
5k	271-1720	1.19
10k	271-1721	1.19
100k	271-1722	1.19

Linear Taper		
Ohms	Cat. No.	Each
5k	271-1714	1.19
10k	271-1715	1.19
50k	271-1716	1.19
100k	271-092	1.19
1 meg	271-211	1.19

(4) SPST Pot Switch. On/off switch mounts on rear of potentiometers in tables above and many others. Rated 3 amps at 120 VAC. With instructions. 271-1740, 79c

(5) 10,000-Ohm Audio Pot With SPDT Switch. Mini size with 1/4" dia. shaft. Switch rated 3 amps at 30 VDC. Fits 5/16" hole. 271-215 1.99

ARCHER® CAPACITORS AND SOUNDERS

Electrolytics

Axial Type

μF	WVDC	Cat. No.	Each
4.7	35	272-1012	.49
10	35	272-1013	.59
22	35	272-1014	.69
47	35	272-1015	.69
100	35	272-1016	.79
220	35	272-1017	.89
470	35	272-1018	.99
1000	35	272-1019	1.59
2200	35	272-1020	2.49
4700	35	272-1022	3.59
1000	50	272-1047	1.99
2200	50	272-1048	3.49

Radial Type

μF	WVDC	Cat. No.	Each
220	16	272-956	.79
470	16	272-957	.89
1000	16	272-958	.99
4.7	35	272-1024	.49
10	35	272-1025	.59
22	35	272-1026	.69
47	35	272-1027	.69
100	35	272-1028	.79
220	35	272-1029	.89
470	35	272-1030	.99
1000	35	272-1032	1.59
100	50	272-1044	.89

Non-Polarized Capacitors

50 WVDC. Electrolytics for speaker cross-overs and audio filters.

μF	Approx. Crossover Frequency (8 Ohms)	Cat. No.	Each
1.0	10 kHz	272-996	.79
2.2	8 kHz	272-997	.79
4.7	4 kHz	272-998	.89
10.0	2 kHz	272-999	.99

Tantalums

20% Tolerance. High capacity in a small package. IC pin spacing.

μF	WVDC	Cat. No.	Each
0.1	35	272-1432	.59
0.47	35	272-1433	.59
1.0	35	272-1434	.59
2.2	35	272-1435	.59
10	16	272-1436	.79
22	16	272-1437	1.19

Monolithic 5-Pack

0.1 μF Monolithic Ceramic Capacitors. Rated 50 WVDC. High capacity in a small size—ideal for close-to-chip bypassing. 272-109 **PKG. OF 5 179**

Disc Assortment

Up to 1000 WVDC. Stock up! Includes NPOs, Hi-Qs, N-750s, ceramics in a variety of values. 272-801 **SET OF 100 198**

PC Mounting

Rated 50 WVDC

μF	Cat. No.	Pkg. of 2
.01	272-1065	.59
.022	272-1066	.69
.047	272-1068	.69
.1	272-1069	.79
.22	272-1070	.89

Picofarad 50-Pack

50 WVDC. Bargain for service technicians and tweekers! 50 hard-to-find small-value ceramic discs from 1 to 33 pF. 272-806 **PKG. OF 50 299**

Metal-Film

Rated 200 WVDC

μF	Cat. No.	Each
.01	272-1051	.49
.1	272-1053	.69
1.0	272-1055	.99

Hi-Q Ceramic Discs

Moistureproof Coating. With excellent temperature stability and high-Q design for low loss in RF circuits.

.01 μF, 2 kV Disc Ceramic Capacitor. Popular value with a "workhorse" voltage rating. Suitable for demanding jobs—noise bypass in appliances, RF power amplifiers, TV and computer monitor circuits. 272-160 **PKG. OF 2 99c**

pF	WVDC	Cat. No.	Pkg. of 2
4.7	50	272-120	.39
47	50	272-121	.39
100	50	272-123	.39
220	50	272-124	.39
470	50	272-125	.39

μF	WVDC	Cat. No.	Pkg. of 2
.001	500	272-126	.49
.0047	500	272-130	.49
.01	500	272-131	.49
.047	50	272-134	.49
.1	50	272-135	.59

Electrolytic Kit

Up to 50 WVDC. Includes mini and submini sizes in a variety of values. 272-802 **SET OF 20 198**

Color-TV Crystal

3.579545 MHz. Precision frequency standard in HC10/W package with extra-long wire leads. 272-1310 **169**

Trimmer Capacitors

(1) 95-420 pF. Rated 100 VDC for one minute. 272-1336 **1.69**
(2) 6-50 pF. Low-voltage use. For PC/perfboard. 272-1340 **2/1.59**

Radio Shack Has the Sounders You Need for Alerters, Alarms, Timers—And Fun

Piezo Transducers

(1) **NEW!** Piezo Speaker. Only 1³/₁₆" dia. by 5/64" thin. This high-efficiency, 1200-ohm device can be directly driven by ICs. 500 Hz to 20 kHz. 273-091 **2.49**
(2) 1500 to 3000 Hz. Up to 90 dB. 2-wire type requires driver circuit. 273-073, 1.49
(3) Fixed-Frequency. 6.5 kHz. 3-wire type. 273-064 **1.79**

12 VDC Buzzer

Electromechanical

Super-Loud, Rugged. This DC buzzer in a metal case is ideal for battery-powered alerter and alarm circuits. 1¹/₁₆" diameter by 1¹/₄" deep. 273-051 **2.49**

Piezo Buzzers

(1) Two-Tone. Loud—100 dB at 2500 Hz. Has attenuator vanes and operates from 8 to 16 VDC. 130 mA at 12 VDC. 273-070 **10.95**
(2) Pulsating or Continuous. 2800 Hz. Produces 90 dB output at 12 VDC. 273-068 **8.49**
(3) Pulsating or Continuous. 2800 Hz at 95 dB. Operates from 3 to 28 VDC. 273-066 **4.29**
(4) With Leads. 85 dB, 3.6 kHz signal. Operates from 4 to 28 VDC. 273-060 **3.29**
(5) PC-Mount. 78 dB, 2800 Hz signal. Operates from 3 to 20 VDC. 273-065 **2.49**

Miniature DC "Screamers"

These are small enough to hide and too loud to ignore. 1/16" mounting centers. With hookup leads.

DC Voltage	Cat. No.	Each
1 1/2 to 3	273-053	2.49
6	273-054	2.49
12	273-055	2.49

Efficient Piezos

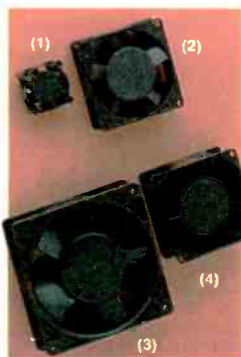
7 mA at 12 VDC

(1) PC-Mountable. 4.2 kHz at a surprising 70 dB. Mini size. 273-074 **2.99**
(2) Panel-Mount. Pulsing or continuous. 3.5 kHz. 95 dB. 273-075 **6.95**

"Ding-Dong" Chime

IC and Mini-Speaker Combo. Great for customer entry alarms. Operates 6 to 18 VDC. 80 dB at 12 VDC. Has 5" hookup leads. 273-071 **8.99**

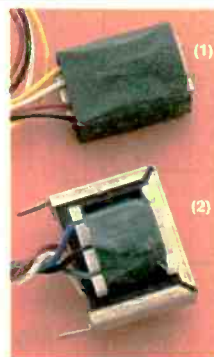
FANS, AUDIO TRANSFORMERS & CLIPS



Our Quiet Fans Help Preserve Equipment

Beat the Heat in Computers, Audio and Ham Equipment

- (1) **12VDC Brushless Micro Fan.** Tiny, tough and efficient! Great for cooling mobile equipment and hum or AC-sensitive circuits. 4.6 CFM airflow. Rated 150 mA. $1\frac{1}{16} \times 1\frac{1}{16} \times 1\frac{3}{16}$ ". 273-244 **17⁹⁵**
- (2) **12VDC Brushless 3" Fan.** Good choice for cooling mobile audio power amps and boosters. Ball bearings for low sound level—34 dB maximum. 27 CFM. $3\frac{5}{32} \times 3\frac{5}{32} \times 1\frac{1}{32}$ ". 273-243 **14⁹⁵**
- (3) **120VAC 4" Fan.** Powerful 65 CFM airflow is ideal for heavy-duty cooling applications. Rated 11 watts. UL recognized. Approximately $4\frac{1}{16} \times 4\frac{1}{16} \times 2\frac{1}{2}$ ". 273-241 **18⁹⁵**
- (4) **120VAC 3" Fan.** 32 CFM. The perfect cooling fan for many personal computers. Rated 11 watts. Special low-noise design. UL recognized. $3\frac{5}{32} \times 3\frac{5}{32} \times 1\frac{1}{2}$ ". 273-242 **16⁹⁵**



Audio Transformers

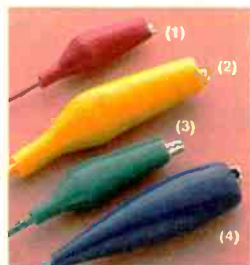
- (1) **1:1 Audio Isolation Transformer.** For telephone interconnects and interstage coupling. 600 to 900 ohms impedance. 273-1374 **3⁵⁹**
- (2) **Audio Output Transformer.** With 1000-ohm center-tapped primary and 8-ohm secondary. $\frac{3}{4} \times \frac{5}{8} \times \frac{5}{8}$ ". 273-1380 **1⁶⁹**



Hobby Motors

Low-Voltage DC Motor. For robotics and solar-power demonstrations. 8300 RPM max. $1\frac{1}{2}$ to 3VDC. About $1\frac{1}{2}$ " long (including shaft) by $\frac{1}{8}$ " diameter. 273-223 **99c**

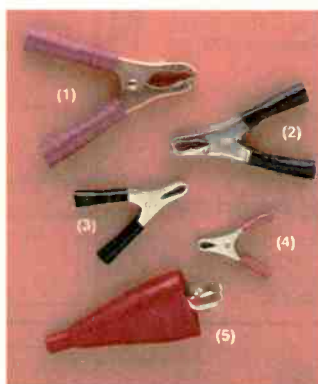
NEW! High-Speed 12VDC Motor. Miniature high-performance motor for more demanding projects. Approximately 15,200 RPM at no load, 11,500 RPM under load. Rated 1.3 amp maximum. About 2" long (including shaft) by 1" diameter. 273-255 **2⁹⁹**



Jumper Cables

Insulated Clip at Each End

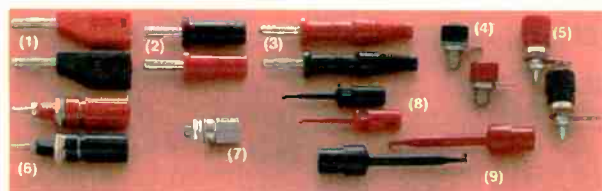
- (1) **Set of 10.** 14" long. Five colors. Mini 'gator clips. 278-1156 **3.99**
- (2) **Set of Four.** 30" long. Four colors. 1" clips. 278-001 **3.69**
- (3) **Set of Eight.** 24" long. Four colors. Mini clips. 278-1157 **3.99**
- (4) **Set of Six Heavy-Duty.** 40" long. Six colors. With claw-type clips. 278-002 **4.69**



Heavy-Duty Battery Clips

Ideal for automotive battery charging and power hookups. The jumbo 50-amp clips are suitable for repairing or upgrading booster cables. Each set includes one red, one black.

- (1) **Jumbo 50-Amp.** $5\frac{3}{4}$ " long. Grip-style insulation. 270-341 **Set of 2/2.99**
- (2) **50-Amp.** $4\frac{1}{2}$ " long. 270-342 **Set of 2/2.49**
- (3) **30-Amp.** $3\frac{3}{8}$ " long. 270-343 **Set of 2/1.99**
- (4) **10-Amp.** $2\frac{1}{4}$ " long. 270-344 **Set of 2/1.79**
- (5) **50-Amp Claw-Style.** $5\frac{1}{2}$ " long. 270-340 **Set of 2/2.99**



Banana Plugs, Binding Posts, Clips

- (1) **Stackable Banana Plugs.** Built-in jack for "chain" connections. Solder type. One red, one black. 274-734 **Set of 2/1.59**
- (2) **Solderless Banana Plugs.** Red, black. 274-721 **Set of 2/1.59**
- (3) **Flex Banana Plugs.** Solder type. Flexible strain relief. Ideal for building or repairing test leads. One red, one black. 274-730, **Set of 2/1.69**
- (4) **Banana Jacks.** Mount in a $\frac{1}{4}$ "-diameter panel hole. Includes one red and one black. 274-725 **Set of 2/99c**
- (5) **Multipurpose Posts.** 2 red, 2 black. 274-661 **Set of 4/2.39**
- (6) **Nylon Binding Posts.** 1 red, 1 black. 274-662 **Set of 2/1.59**
- (7) **Metal Grounding Post.** Accepts banana plugs or up to 18-gauge wire. Knurled twist-to-tighten grip. Solder lug. 274-667 **99c**
- (8) **Rainbow Pack of Micro-Hook Clips.** 270-355 **Set of 4/2.69**
- (9) **Mini Hook Clips.** 1 red, 1 black. 270-372 **Set of 2/1.89**



Assorted Test and Hookup Clips

- (1) **$1\frac{3}{8}$ " Mini.** Six red and six black. 270-1545 **Set of 12/2.59**
- (2) **$1\frac{1}{4}$ " Mini.** Set includes three black, three red, two green and two yellow. 270-378 **Set of 10/1.59**
- (3) **$1\frac{1}{8}$ " Brass-Plated Micro.** Set includes five red and five black. 270-1540 **Set of 10/2.49**
- (4) **$2\frac{1}{4}$ " Alligator.** Screw terminals. Set includes five red and five black. 270-375 **Set of 10/2.39**
- (5) **$2\frac{5}{8}$ " Heavy-Duty Claw-Type.** Rated 10 amps. Set includes two black and two red. 270-349 **Set of 4/1.99**
- (6) **$1\frac{3}{8}$ " Claw.** Rated 5 amps. Set includes two black and two red. 270-359 **Set of 4/1.79**
- (7) **$2\frac{1}{4}$ " Alligator.** Screw terminals. Set includes five red and five black. 270-347 **Pkg. of 10/2.19**
- (8) **$1\frac{3}{8}$ " Mini Alligator.** Set includes five red and five black. 270-374 **Set of 10/1.59**
- (9) **2" Alligator.** Screw terminals. Set includes two black and two red. 270-356 **Set of 4/1.79**
- (10) **2" Slim.** Screw terminals. 270-346 **Pkg. of 8/2.19**
- (11) **$1\frac{3}{8}$ " Claw.** Rated 5 amps. With screw terminals. 270-345 **Pkg. of 8/1.99**
- (12) **$1\frac{1}{8}$ " All-Purpose Micro.** Have copper-plated, non-serrated ends. 270-373 **Pkg. of 10/1.89**
- (13) **$1\frac{1}{4}$ " Mini.** Rated 1 amp. 270-380 **Pkg. of 12/1.69**

LAMP BULBS, HOLDERS & ASSEMBLIES

Quality Incandescent and Neon Lamps

Premium lamps for projects and replacement in flashlights, dials, pilot lights and panels. Fig. 2, #272-1124, is prefocus type that replaces #222 used in penlights. Fig. 7 is high-intensity. Fig. 9 lamps are neon.

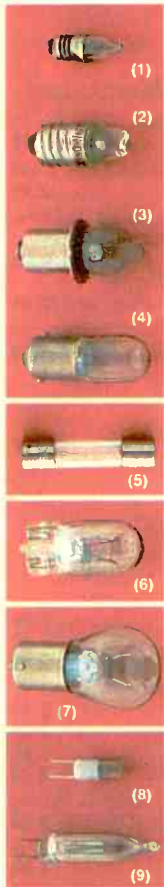
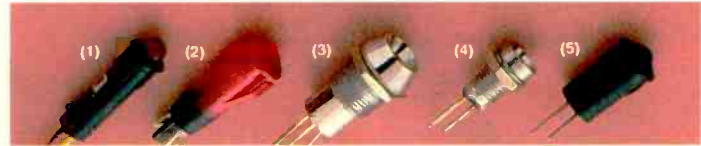


Fig.	Volts	mA	Type	Base	Cat. No.	Pkg. of	Price
1	6.0	100	T-1 $\frac{3}{4}$	E-5 Threaded	272-1142	2	.89
	12.0	75	T-1 $\frac{3}{4}$	E-5 Threaded	272-1143	2	.89
2	2.33	270	243	E-10 Threaded	272-1124	2	.99
	2.47	300	14	E-10 Threaded	272-1132	2	.99
	6.3	150	40	E-10 Threaded	272-1128	2	.99
	6.3	250	46	E-10 Threaded	272-1130	2	.99
	7.5	220	50	E-10 Threaded	272-1133	2	.99
	14.0	200	1487	E-10 Threaded	272-1134	2	.79
3	2.33	270	PR-4	Flange	272-1122	2	.69
	2.38	500	PR-2	Flange	272-1120	2	.99
	3.57	500	PR-3	Flange	272-1121	2	.99
	4.75	500	PR-13	Flange	272-1151	2	.99
	4.8	500	PR-15	Flange	272-1125	2	.99
	4.9	330	PR-17	Flange	272-1167	2	.99
	5.95	500	PR-12	Flange	272-1123	2	.99
	7.2	550	PR-18	Flange	272-1168	2	.99
4	8.63	500	PR-20	Flange	272-1166	2	.99
	6.3	250	44	Bayonet	272-1108	2	.99
	6.3	50	47	Bayonet	272-1110	2	.99
	6.3	150	1847	Bayonet	272-1115	2	.79
	14.0	230	1891	Bayonet	272-1112	2	.79
	14.0	200	1815	Bayonet	272-1118	2	.79
5	14.4	120	53	Bayonet	272-1117	2	.79
	28.0	40	1819	Bayonet	272-1119	2	.99
6	8.0	300	T-3	End Cap	272-1136	2	1.69
	12.0	250	T-3	End Cap	272-1137	2	1.69
7	14.0	270	194	Wedge	272-1126	2	.99
	6.3	250	259	Wedge	272-1152	2	.99
8	12.8	1.04A	93	Bayonet	272-1116	1	.99
9	12.0	40	—	Bi-Pin	272-1154	1	1.29
	120 (Add 220k resistor)			NE2 1/2-W Neon	272-1101	2	.69
	120 (Add 22k resistor)			NE2H 1/4-W Neon	272-1102	2	.69
				120 (With resistor) NE2 1/2-W Neon	272-1100	2	.89



LED Indicators in Panel-Mount Holders

- (1) 12-Volt Red Snap-In. For 1/4" mtg. hole. 5" hookup leads. 276-011 ... 1.99
- (2) Super-Bright Red Snap In. Rated 500 mcd. Requires 2.2VDC at about 20 mA. Snaps into 1/32" hole. 276-088 ... 1.79
- (3) Dual-Color. Red/green. Mounts in a 3/16" diameter hole. 276-025 ... 1.49
- (4) 12V Red In Deluxe Chromed Holder. 1/4" mtg. 276-068 ... Pkg. of 2/1.89
- Green Version of Above. 276-069 ... Pkg. of 2/1.89
- (5) Red Snap-In. 5/16" hole. 12VDC at 20 mA. 276-018 ... Pkg. of 2/1.99



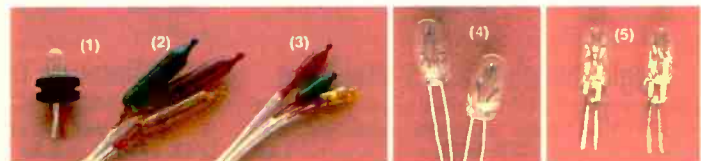
Halogen Lamps

- (1) HPR50. For 4-cell flashlights and 6V lanterns. 272-1189 **3.95**
- (2) HPR52. For 2-cell flashlights and 3V lanterns. 272-1190 **3.95**



Long-Life Strobe Tube

This xenon-type strobe element is perfect for photography replacement or lighting effects projects. Trigger 4 kV. Anode: 200V min., 300V max. With data. 272-1145 **3.29**



Miniature Lamps for Model Railroads & Projects

- (1) With 4" Leads. 25 mA. Each 99¢
 - 272-1099 ... Set of 3/89¢
 - (4) 12-Volt Microlamp. With leads. 60 mA. 272-1092 ... Pkg. of 2/1.39
 - (5) Plug-In Lamps for Metal Mini-Flashlights. Hard-to-find replacement bulbs for flashlights with focusable lens. 2.5 volts, 300 mA. 272-1149 ... Pkg. of 2/2.99
- | Volts | Cat. No. | Volts | Cat. No. | Volts | Cat. No. |
|-------|----------|-------|----------|-------|----------|
| 1.5 | 272-1139 | 6.0 | 272-1140 | 12.0 | 272-1141 |
- (2) 12-Volt Flashing. Red, yellow, green. 95 mA. 272-1097, Set of 3/1.29
 - (3) 6-Volt Colored. One each: red, yellow, green. 60 mA. 4" leads. 272-1098 ... Set of 3/89¢



Brilliant Krypton Flashlight Lamps

Only **79¢** Each

Standard flange-type base. Can be used to replace PR-type lamps. For example, K4 replaces type PR4.

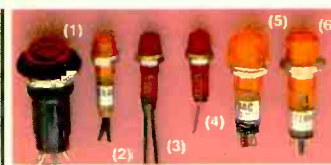
Type	Volts	mA	Cat. No.
K4	2.33	480	272-1169
K1	2.4	600	272-1156
K2	2.4	830	272-1157
K3	3.6	800	272-1158
K15	4.8	700	272-1162
K12	6.0	650	272-1163
K18	7.2	700	272-1164



Lamp Assemblies

Each Includes 12-Volt Bulb

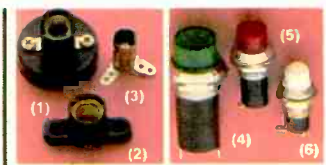
- (1) Jumbo Red. 105 mA. Mount in a 19/32" hole. 272-336 ... 2/2.49
- (2) High-Brightness Red. 9/32" mtg. hole. 272-331 ... Pkg. of 2/1.59
- (3) Green Micro. 60 mA. 7/32" mtg. hole. 272-334 ... Pkg. of 2/1.99
- (4) Green Snap-In. 1/2" mtg. hole. Leads. 272-337 ... Pkg. of 2/1.69
- (5) Red Snap-In. 272-332 ... 2/1.79
- (6) Blue Snap-In. 272-335 ... 2/1.79
- (7) Jewel-Cut "Traditional" Lens. Red lamp. 100 mA. 9/16" mtg. hole. 272-342 ... 2.49



Neon Assemblies

For 120-Volt AC/DC Use

- (1) Jumbo Red. Mounts in 9/16"-dia. hole. 272-710 ... 1.99
- (2) Amber. 9/32" mtg. hole. With 3" leads. 272-707 ... Pkg. of 2/1.79
- (3) Red. With leads. 9/16" mtg. hole. 272-712 ... Pkg. of 2/1.99
- (4) Green. With leads. 5/16" mtg. hole. 272-708 ... Pkg. of 2/2.49
- (5) Red With Square Lens. 7/16" mtg. hole. 272-704 ... 2/1.79
- (6) Amber With Round Lens. 7/16" mtg. hole. 272-705 ... 2/1.79

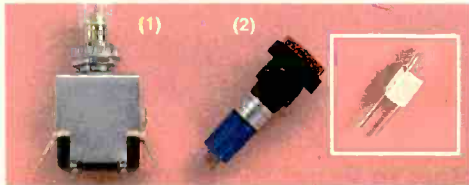


Lamp Holders

Bulbs not included. Use base style to select bulb from table above.

- (1) E-10 Base. Wide holder with screw terminals. 272-357 ... 79¢
- (2) E-10 Base. Compact. Mounts on flat surface. 272-356 ... 99¢
- (3) Bayonet. 272-355, Pkg. 6/99¢
- (4) Bayonet. Includes one red and one blue lens. 272-325 ... 1.89
- (5) E-5 (T-1 $\frac{3}{4}$) Base. For threaded bulbs. 272-326 ... Pkg. of 2/2.19
- (6) E-5 Base. With 2 red and 2 white lenses. 272-340 ... Pkg. of 2/1.69

SWITCHES FOR REPAIRS AND PROJECTS

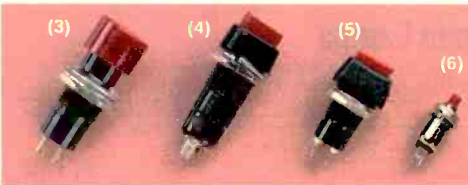


Panel-Mount Lighted AC Switches

(1) Lighted 125VAC SPST Push-On/Push-Off. Heavy-duty 10-amp rating. 125VAC use only. Lights when switch is on. $7/16$ "-diameter stem. 275-671 **3.99**

(2) Lighted 125VAC SPDT Push-On/Push-Off. Rated 3 amps at 125VAC. Has replaceable 12-volt lamp. $7/16$ "-diameter stem. 275-676 **6.49**

Replacement Bulb for Fig. 2. "Bi-pin" type miniature 12-volt, 40 mA lamp designed for long life. 272-1154 **1.29**



Push On/Push Off and Momentary

(3) SPST Push On/Push Off. 3 amps at 250VAC. $1/2$ " stem. 275-011 **1.39**

Momentary. N.O. 275-609 **Pkg. 2/1.79**

(4) SPST Push On/Push Off. 3 amps at 250VAC. $1/2$ " stem. 275-617 **1.69**

Momentary. N.O. 275-618 **1.59**

(5) SPST "Soft-Feel" Push On/Push Off. 3A/125VAC. $3/8$ " stem. 275-1565 **1.99**

Momentary. N.O. 275-1566 **1.89**

(6) SPST Momentary. N.O. 0.5A at 125VAC. $3/16$ " stem. 275-1571 **Set of 2/2.39**



Push On/Push Off and Momentary

(7) Mini SPDT Push On/Push Off. 3A at 125VAC. $5/16$ " stem. 275-1555 **2.49**

(8) Mini SPDT Momentary Pushbutton. 3A at 125VAC. $1/4$ " stem. 275-1549 **2.59**

(9) Mini SPST Momentary. Rated 0.5A at 125VAC. $1/4$ "-diameter stem. Normally open. 275-1547 **Pkg. of 4/2.69**

Normally Closed Version of Fig. 9. 275-1548 **Pkg. of 4/2.89**

(10) SPST Mini Momentary Pushbutton. 3A at 125VAC. $1/4$ " stem. 275-1556 **1.99**



Toggle Switches and 3-Piece Set

(1) Heavy-Duty DPDT. Center off. Rated 10A at 125VAC. Screw terminals. Includes label plate. $7/16$ " stem. 275-1533 **1.89**

(2) Heavy-Duty With Flat Lever. Rated 6A at 250VAC. $7/16$ "-diameter stem. UL listed. SPST. 275-651 **1.99**

DPDT. 275-652 **2.49**

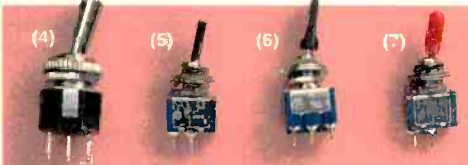
SPDT Center Off. 275-654 **2.39**

DPDT Center Off. 275-653 **2.69**

(3) Standard Toggle. 3A at 125VAC. Includes label plate. $7/16$ "-diameter stem. SPST. 275-602 **1.29**

DPDT. 275-666 **1.59**

Three-Piece Toggle Switch Set. Includes DPDT and two SPST. 275-322 **2.69**



Miniature Toggle Switches

(4) SPDT. 5A/125VAC. $7/16$ "-stem. 275-603, **1.59**

(5) Flat-Lever. 6A at 125VAC. $1/4$ " stem. SPST. 275-634 **2.69**

SPDT. 275-635 **2.89**

DPDT. 275-636 **3.39**

DPDT Momentary. 275-637 **3.69**

(6) Mini. 6A at 125VAC. $1/4$ "-diameter stem. DPDT. 275-663 **3.59**

DPDT Center Off. 275-664 **3.79**

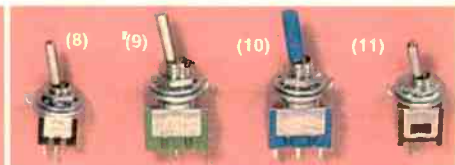
(7) Hi-Current Mini. 10A at 125VAC. $1/4$ " stem. SPST. 275-324 **2.89**

SPDT. 275-326 **2.99**

SPDT Center Off. 275-325 **3.39**

DPDT. 275-1546 **3.59**

DPDT With Center Off. 275-1545 **3.79**



Submini and Micro Toggles

(8) Micromini. 3A at 125VAC. $1/4$ " stem. SPST. 275-624 **2.29**

SPDT. 275-625 **2.39**

DPDT. 275-626 **2.59**

(9) Submini. 3A at 125VAC. $1/4$ " stem. SPST. 275-612 **2.49**

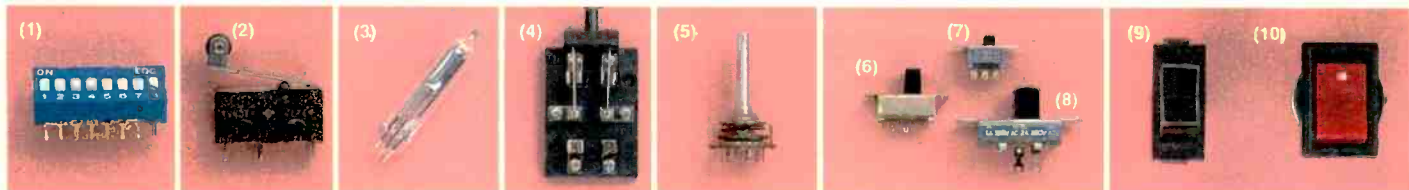
SPDT. 275-613 **2.59**

DPDT. 275-614 **2.99**

DPDT Center-Off. 275-620 **3.19**

(10) SPDT Momentary. 6A at 125VAC. Spring return to one position. $1/4$ " stem. 275-619, **2.39**

(11) PC-Mountable Submini SPST. 0.3A at 125VAC. $1/4$ " stem. 275-645 **1.99**



Wide Selection of DIP, Lever, Mercury, Knife, Rotary, Slide and Rocker Switches

(1) SPST DIP. 8-position. Fits 16-pin DIP socket. For digital and low-current uses. 275-1301 **1.79**

(2) SPDT With $3/4$ " Roller Lever. Operating force: 5 grams. Rated 5 amps at 250VAC. $3/4 \times 1/4 \times 3/8$ ". UL listed. 275-017 **1.79**

SPDT With $3/4$ " Lever. Rated 5 amps at 250VAC. 275-016 **1.69**

(3) Mercury Bulb. Just the thing for motion detectors and science projects. Rated 5 amps at 125VAC. Style may vary. 275-027 **1.29**

(4) DPDT Knife-Type. Screw terminals. For model trains, antenna switching, more. 0.5A at 200VDC. $15/8 \times 23/8 \times 3/4$ ". 275-1537 **1.29**

(5) Rotary 2-Pole, 6-Pos. Nonshorting. 0.3A/125VAC. 275-1386, **1.39**

Rotary 1-Pole, 12-Pos. Shorting. Rated as above. 275-1385 **1.39**

(6) SPST Submini Slides. 0.3A/125VAC. 275-406 **Pkg. of 2/79c**

DPDT Submini Slides. 0.3A at 125VAC. 275-407 **Pkg. of 2/89c**

(7) SPDT Micromini Slides. Rated 3 amps at 125VAC. Mounting hole centers $9/16$ " apart. 275-409 **Pkg. of 2/1.19**

(8) SPST Heavy-Duty Slides. 3A/125VAC. 275-401 **Pkg. of 2/1.19**

DPDT Heavy-Duty Slides. 3A at 125VAC. 275-403 **Pkg. of 2/1.39**

Six-Piece Slide Switch Kit. 0.5A/125VAC. Includes one SPDT, one DPST, two DPDT, two SPST, 12 mounting screws. 275-327, **Set of 6/1.99**

(9) SPST Heavy-Duty Rocker. Rated 15 amps at 125VAC. Snaps into $1 \times 1/2$ " rectangular panel hole. 275-689 **69c**

(10) SPST Heavy-Duty Rocker. 6A/125VAC. $3/4$ " stem. 275-690, **1.99**

DPDT Heavy-Duty Rocker. 6A/125VAC. $3/4$ " stem. 275-691 **2.59**

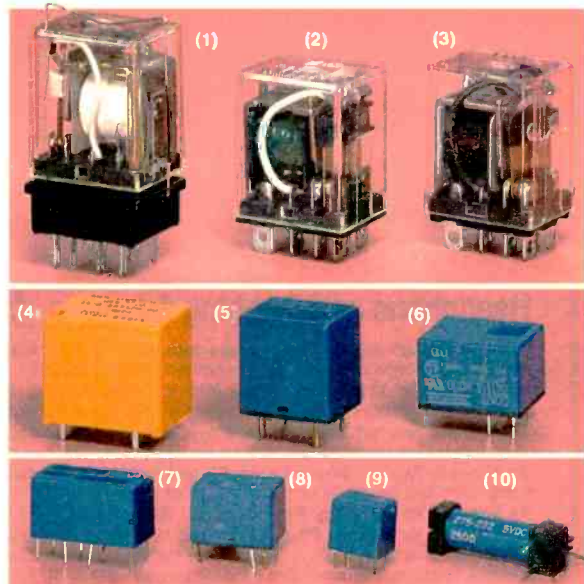
LARGE-QUANTITY DISCOUNTS AVAILABLE AT PARTICIPATING STORES AND DEALERS—SEE PAGE 92

RELAYS, TRANSFORMERS & ARCHERPAKS

Super Selection of Relays—All Include Data and Handy Pin-Out Diagram

Radio Shack has a quality Archer® brand relay for nearly every need. All are enclosed to prevent contamination by dust and moisture. Fig. 8 fits a 14-pin DIP socket.

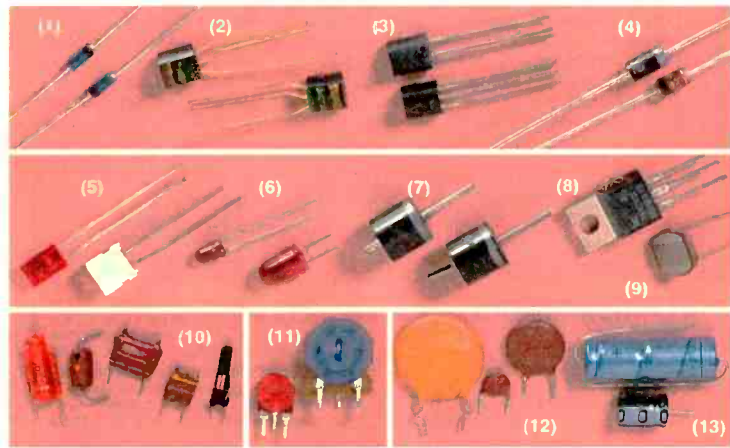
Fig.	Description	Coil	Contacts and Rating	Size	Cat. No.	Each
1	Plug-In With Socket	12VDC, 75 mA, 150Ω	DPDT. 3A at 125VAC	1¼ × 1 × ¾"	275-206	5.99
2	10-Amp Plug-In	12VDC, 130 mA, 160Ω	DPDT. 10A at 125VAC	1½ × 1 × ¾"	275-218	5.99
3	10-Amp Plug-In	125VAC, 15 mA, 4500Ω	DPDT. 10A at 125VAC	1½ × 1 × ¾"	275-217	5.99
4	Socket for Fig. 2				275-220	1.79
3	4PDT Plug-In	12VDC, 130 mA, 150Ω	4PDT. 3A at 125VAC	1¾ × 1½ × 1¾"	275-214	5.49
5	Socket for Fig. 3				275-221	1.69
4	5-Amp SPDT Mini	12VDC, 65 mA, 180Ω	SPDT. 5A at 125VAC	7/16 × 1 × 1½"	275-219	2.49
5	2-Amp SPDT Mini	7-9VDC, 18 mA, 500Ω	SPDT. 2A at 120VAC	¾ × ¾ × ¾"	275-005	2.99
6	10-Amp SPDT Mini	12VDC, 38 mA, 320Ω	SPDT. 10A at 125VAC	9/16 × 2½/32 × 5/16"	275-248	2.99
7	1-Amp DPDT Mini	12VDC, 43 mA, 280Ω	DPDT. 1A at 120VAC	7/16 × ¾ × ½"	275-249	3.99
8	2-Amp SPDT DIP	5VDC, 72 mA, 70Ω	SPDT. 2A at 125VAC	¾ × 9/16 × ¾"	275-243	2.39
9	1-Amp SPDT Micro	5VDC, 90 mA, 55Ω	SPDT. 1A at 125VAC	1½/32 × ¾ × ¼"	275-240	1.99
10	1-Amp SPDT Micro	12VDC, 37.5 mA, 320Ω	SPDT. 1A at 125VAC	1½/32 × ¾ × ¼"	275-241	1.99
10	1-Amp SPST Reed	5VDC, 20 mA, 250Ω	SPST. 1A at 125VAC	1" × 5/16" dia.	275-232	1.89
11	1-Amp SPST Reed	12VDC, 11 mA, 1.05KΩ	SPST. 1A at 125VAC	1" × 5/16" dia.	275-233	1.89



UL Recognized Power Transformers

Primaries 120 VAC
CT Indicates Center Tap

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	12.6	300 mA	2½ × 1 × 1¾	273-1385	3.49
Miniature	12.6 CT	450 mA	1¾ × 2¾ × 1½	273-1365	4.29
Miniature	25.2 CT	450 mA	1¾ × 2½ × 1¾	273-1366	4.99
Standard	12.6 CT	1.2 A	1½ × 2½ × 1¾	273-1352	5.99
Heavy-Duty	12.6 CT	3.0 A	2¾ × 2¼ × 2	273-1511	8.99
Heavy-Duty	18.0 CT	2.0 A	2¾ × 2¼ × 2	273-1515	9.49
Heavy-Duty	25.2 CT	2.0 A	2¾ × 2¼ × 2	273-1512	9.99



At Last! Fast 'n Easy Solutions to RFI Problems

- (1) **NEW!** Snap-Together Choke Ferrite. Effectively reduces transmission and pickup of RFI (radio-frequency interference). No cutting! Snaps over keyboard and peripheral cables, AC line cords, audio leads, coax. 273-105 **4.99**
- (2) Snap-Together Toroid Choke Core. Simply wind cable through core and snap together. Opening: 7/8 × 3/8". Stackable. 273-104 **Pkg. of 2/7.95**
- (3) 100 μH RF Choke. Rated 2A. Wire leads. 273-102 **99c**



Electret Mike Elements

- (1) PC-Mount Omnidirectional. Has 20-15,000 Hz response. 2-10VDC. 270-090 **1.79**
- (2) Omnidirectional. Ideal for repairing or upgrading mikes. With leads. 30-15,000 Hz response. Requires 4-10VDC. 270-092 **2.99**
- (3) Micro Electret. 1-10VDC. 270-085 **3.99**

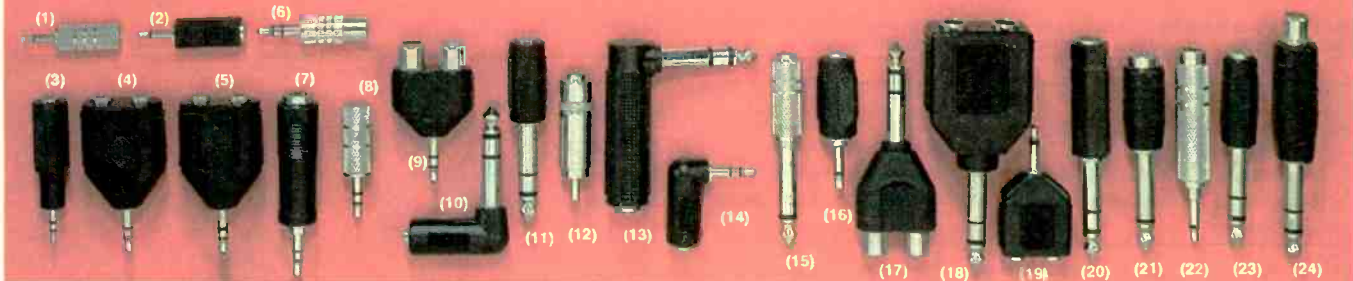
DC Voltmeter

- (4) 0 to 15VDC. Monitor a power supply or a car electrical system. Jeweled movement. Mounts in a 17/8"-diameter panel hole. 270-1754 **7.95**

ArcherPak Assortments! Super-Bargains, Only \$1.98 Each

- (1) 50 Silicon Switching Diodes. 1N914/4148-type. 276-1620 **1.98**
- (2) 15 NPN Transistors. Switching type. 600 mW. 276-1617 **1.98**
- (3) 15 PNP Transistors. Similar to 2N3906. 350 mW. 276-1604 **1.98**
- (4) 25 Rectifier Diodes. Ten 1N4001s, five 1N4002s, five 1N4004s and five others included. 276-1653 **1.98**
- (5) 10 Rectangular LEDs. May include red, green, yellow, regular and high-efficiency types. 276-1655 **1.98**
- (6) 20 Assorted LEDs. May include MV-series, red, green, amber, infrared emitters. 276-1622 **1.98**
- (7) 4 Rectifiers. Rated 6 amps, 50 PIV. 276-1661 **1.98**
- (8) 5 Voltage Regulators. Includes one 7805, one 7812 and three other types. For power supplies. 276-1660 **1.98**
- (9) 5 Photocells. CdS photoresistors. Various styles and ratings. 276-1657 **1.98**
- (10) Inductor Assortment. 30 pieces! May include RF, IF, video peaking coils, chokes and transformers. 273-1601 **1.98**
- (11) 12 Trimmer Resistors. Assorted styles and values. 271-1605 **1.98**
- (12) 100 Disc Capacitors. May include NPO, Hi-Q, N-750, Mylar and ceramics. Assorted values. 272-801 **1.98**
- (13) 20 Electrolytic Capacitors. Assorted values and styles. 272-802 **1.98**

AUDIO ADAPTERS AND XLR CONNECTORS



Headphone and Dubbing Adapters

Adapters on this page provide reliable hookups between different connector formats. All (except XLRs) will handle line and speaker-level signals.

- (1) Accepts 1/8" Stereo Plug. Plugs Into 3/32" Mono Jack. Use "mini" stereo headphones with Ham handy-talkies, more. 274-361 1.99
- (2) Accepts 1/8" Mono Plug. Plugs Into 3/32" Mono Jack. 274-327, 1.29
- (3) Accepts 1/8" Stereo Plug. Plugs Into 3/32" Stereo Jack. 274-373, 2.99
- (4) Accepts Two 1/8" Mono Plugs. Plugs Into 1/8" Stereo Jack. Use to dub from personal portable stereo to a home deck. 274-375 3.39
- (5) Accepts Two 1/8" Stereo Plugs. Plugs Into 1/8" Stereo Jack. Share your music! Use two headsets with one personal stereo. 274-313 3.29
- (6) Accepts Phono Plug. Plugs Into 1/8" Stereo Jack. 274-378 1.99
- (7) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Stereo Jack. 274-366, 1.79
- (8) Accepts 1/8" Mono Plug. Plugs Into 1/8" Stereo Jack. Dub from mono portable to stereo recorder. Combines channels. 274-374 1.69
- (9) Accepts Two Phono Plugs. Plugs Into 1/8" Stereo Jack. 274-369, 2.49
- (10) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Stereo Jack. Right-angle type. Use "mini" stereo headphones with 1/4" stereo jacks. 274-371 2.99
- (11) Straight Version of Fig. 10. 274-367 1.79
- (12) Accepts 1/8" Stereo Plug. Plugs Into Phono Jack. 274-387 2.19
- (13) Accepts 1/4" Stereo Plug. Plugs Into 1/4" Stereo Jack. 90° bend is ideal when space is limited. 274-393 2.99
- (14) Accepts 1/8" Stereo or Monaural Plug. Plugs Into 1/8" Stereo or Monaural Jack. 90° bend avoids cord/jack damage. 274-372 2.49
- (15) Accepts 1/8" Stereo Plug. Plugs Into 1/4" Monaural Jack. Use "mini" stereo headphones with Ham, CB and scanner radios. 274-348 1.99
- (16) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Monaural Jack. Use stereo headphones with TVs, radios, walkie-talkies, scanners. 274-368 1.19
- (17) Accepts Two Phono Plugs. Plugs Into 1/4" Stereo Jack. Excellent for use with dub-out jack on stereo receivers. 274-308 3.79
- (18) Accepts Two 1/4" Stereo Plugs. Plugs Into 1/4" Stereo Jack. Use two stereo headphones with one headphone jack. 274-302 3.99
- (19) Accepts Two 1/8" Monaural Plugs. Plugs Into 1/8" Mono Jack. 274-310 1.99
- (20) Accepts 1/8" Mono Plug. Plugs Into 1/4" Stereo Jack. Provides mono output for recording from a stereo headphone jack. 274-1520 1.99
- (21) Accepts 1/8" Stereo Plug. Plugs Into 1/4" Monaural Jack. Use stereo headphones with CB, Ham and scanner radios. 274-360 1.99
- (22) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Mono Jack. 274-361, 1.99
- (23) Accepts 1/8" Mono Plug. Plugs Into 1/4" Stereo Jack. 274-363, 1.99
- (24) Accepts Phono Plug. Plugs Into 1/4" Stereo Jack. 274-365 1.39

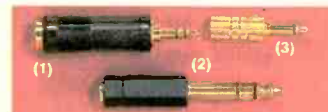


XLR Connectors

- (1) Three-Pin Plug. 274-010 2.99
- (2) Three-Pin Inline Socket. Mates with Figs. 1 and 5. 274-011 2.99
- (3) Three-Pin Panel Socket. Accepts Fig. 1 and 5. 274-013 3.69

(4) Adapter/Transformer. Accepts XLR plug. Plugs into 1/4" phone jack. Use a mike having XLR plug with amp or recorder that has 1/4" jack. 274-016 11.99

(5) Adapter/Transformer. Accepts 1/4" phone plug. Plugs into XLR jack. Use hi-Z mike with equipment that requires XLR-type plug. 274-017 11.99



Gold-Plated Adapters

- (1) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Stereo Jack. 274-875 2.99
- (2) Accepts 1/8" Stereo Plug. Plugs Into 1/4" Stereo Jack. 274-876 2.99
- (3) Accepts 1/8" Stereo Plug. Plugs Into 1/8" Monaural Jack. 274-877 2.99



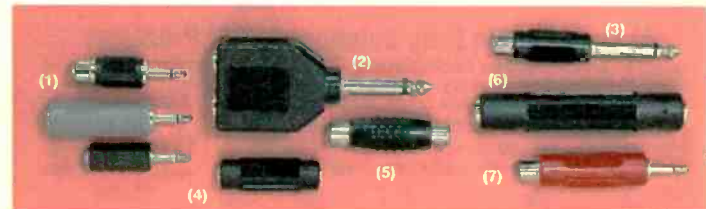
Mike Connectors

- (1) Eight-Pin "Ham" Mike Plug. Fits many popular transceivers. Great for TNC and accessory hookups. 274-025 2.19
- (2) Four-Pin Panel/Chassis-Mount Socket. 274-002 1.29
- (3) Four-Pin Plug. 274-001 1.69



Hum-Shielded Monaural Adapters

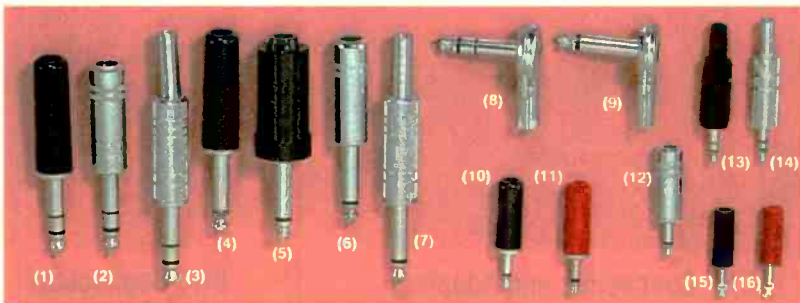
- (1) Accepts 1/8" Plug. Plugs Into 1/4" Jack. 274-325 1.59
- (2) Accepts 1/8" Plug. Plugs Into Phono Jack. 274-326 1.59
- (3) Accepts 3/32" Submini Plug. Plugs Into 1/8" Jack. 274-328 1.79
- (4) Accepts 1/4" Phone Plug. Plugs Into 1/8" Jack. 274-047 1.29
- (5) Accepts 1/4" Phone Plug. Plugs Into Phono Jack. 274-389. Pkg. 2/2.99
- (6) Accepts Phono Plug. Plugs Into 1/8" Jack. 274-330 1.69
- (7) Accepts Two Phono Plugs. Plugs Into Phono Jack. 274-303 1.99
- (8) Accepts Two Phono Plugs. Plugs Into 1/4" Phone Jack. 274-304 1.99
- (9) Accepts Phono Plug. Plugs Into Phono Jack. 90°. 274-306 2.39



Adapters for Custom Hookups

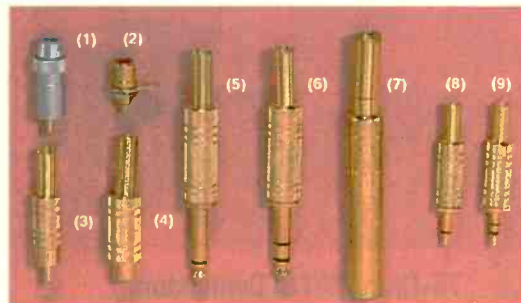
- (1) Three-Piece Monaural Adapter Set. Adapts phono plug, 1/4" phone plug and 3/32" submini plug to fit 1/8" monaural jack. 274-359 Set 2.99
- (2) Accepts Two 1/4" Plugs. Plugs Into 1/4" Mono Jack. 274-309 2.99
- (3) Accepts Phono Plug. Plugs Into 1/4" Monaural Jack. 274-320, Pkg. 2/2.79
- (4) Accepts Two 1/8" Stereo (or Two Mono) Plugs. Coupler. 274-1555 1.59
- (5) Accepts Two Phono Plugs. 274-1553 Pkg. of 2/1.39
- (6) Accepts Two 1/4" Stereo (or Two Mono) Plugs. Coupler. 274-1556 2.39
- (7) Signal Reducer. Accepts phono plug. Plugs into 1/8" mono jack. 40 dB attenuator lets you connect line-level sources to a portable recorder's mike input. 274-300, 2.79

YOUR SOURCE FOR AUDIO CONNECTORS



Quality 1/4", 1/8" and 3/32" Phone Plugs

- (1) Three-Conductor (Stereo) 1/4" (6.35 mm). 274-139 Pkg. of 2/1.99
 (2) Three-Conductor 1/4" Shielded. Shield reduces hum. 274-285 1.59
 (3) Three-Conductor 1/4" Shielded. Has "grip" barrel, strain relief. 274-1546. 1.99
 (4) Two-Conductor (Monaural) 1/4". Plastic barrel. 274-1536 Pkg. of 2/1.79
 (5) Two-Conductor 1/4" "Big Barrel". Has screwdriver terminals, 3/4"-diameter molded barrel. 274-1539 Pkg. of 2/2.29
 (6) Two-Conductor 1/4" Shielded. The all-metal barrel reduces hum and noise pickup. 274-1544 Pkg. of 2/2.99
 (7) Two-Conductor 1/4" Shielded. Has all-metal "grip" barrel, spring-coil cable strain relief. 274-1545 1.79
 (8) NEW! Three-Conductor 1/4" Shielded Right-Angle Plug. 274-265 1.79
 (9) Two-Conductor 1/4" Shielded Right-Angle. 274-254 Pkg. of 2/1.99
 Two-Conductor 1/8" (3.5mm) Mini Size.
 (10) Black. 274-286 Pkg. of 2/1.49
 (11) Red. 274-287 Pkg. of 2/1.49
 (12) Shielded. 274-288 Pkg. of 2/1.99
 (13) Three-Conductor 1/8" Mini. Solder terminals. 274-284 Pkg. of 2/2.19
 (14) Three-Conductor 1/8" Shielded. Has spring strain relief. 274-1547 1.99
 Two-Conductor 3/32" (2.5mm) Submini.
 (15) Black. 274-289 Pkg. of 2/1.49
 (16) Red. 274-290 Pkg. of 2/1.49



Gold-Plated Connectors

For Premium Performance and Appearance

- (1) Deluxe Phono Plug for OFC Cable. Designed especially for high-performance oxygen-free copper cables. For 6 mm Cable. 274-860 4.99
 For 8 mm Cable. 274-861 5.99
 (2) Chassis-Mount Phono Jack. 274-852, Pkg. of 2/2.49
 (3) Phono Plug. 274-850 2.49
 (4) Inline Phono Jack. 274-854 2.99
 (5) Two-Conductor (Mono) 1/4" (6.35mm) Phone Plug. 274-855 3.49
 (6) Three-Conductor (Stereo) 1/4" Phone Plug. 274-856 3.99
 (7) Three-Conductor 1/4" Inline Phone Jack. 274-859 3.99
 (8) Two-Conductor 1/8" (3.5mm) Plug. 274-857 2.79
 (9) Three-Conductor 1/8" Plug. 274-858 3.49



Inline Phone Jacks

Ideal for Building Extension Cords

- (1) Two-Cond. 1/4" (6.35mm). 274-340 Pkg. of 2/2.19
 (2) Three-Conductor 1/4". 274-141 Pkg. of 2/2.39
 (3) Three-Cond. Shielded 1/4". 274-142 2.99
 (4) Two-Cond. 1/8" (3.5mm). 274-333 Pkg. of 2/1.69
 (5) Three-Conductor 1/8". 274-274 Pkg. of 2/1.79

Enclosed Jacks

Size	Cond.	Cat. No.	Price
Open-Circuit Types			
1/4"	2	274-280	1.19
1/8"	3	274-249	2/1.59
Closed-Circuit Types			
1/8"	3	274-250	2/2.19
3/32"	2	274-247	2/1.49

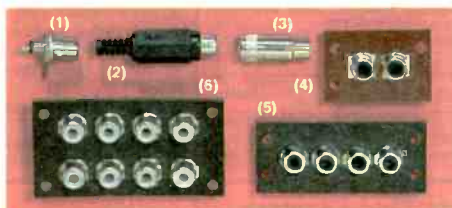
Open-Frame Jacks

Size	Cond.	Cat. No.	Price
Open-Circuit Types			
1/4"	2	274-252	2/1.79
1/4"	3	274-312	2/2.49
1/8"	2	274-251	3/1.59
Closed Circuit Types			
1/4"	2	274-255	2/2.19
1/8"	2	274-248	2/1.79
3/32"	2	274-292	2/1.79



Phono Plugs

- (1) Solderless 90°. Two red, two black. 274-383 Set of 4/1.89
 (2) Solderless. Two red and two black. 274-384 Set of 4/1.79
 (3) Color-Coded Covers. Solder-type. 274-321 Set of 8/2.19
 (4) With Plastic Grip-Style Covers. 274-319 Set of 4/1.79
 (5) Shielded Type. Easy to solder. 274-339 Pkg. of 2/1.59
 (6) With Strain Relief. Three black, three red. 274-451, Set of 6/1.99



Phono Jacks and Jack Boards

- (1) Panel-Mount. 1/4" mfg. hole. 274-346 Pkg. of 4/1.99
 (2) Plastic Inline. Hex-shape barrel with integrated strain relief. Two red, two black. 274-337 Pkg. of 4/1.49
 (3) Shielded Inline. Metal construction cuts hum. 274-338 Pkg. of 2/1.59
 (4) Dual Phono Jacks. Chassis-mount for repairing stereo changers, amplifiers, receivers. Each accepts two phono plugs. 274-332 Pkg. of 2/1.19
 (5) Four-Position Phono Jack Board. Chassis mount, accepts up to four plugs. 274-322 99¢
 (6) Eight-Position Phono Jack Board. 274-370 1.39



"Car Radio" Connectors

- (1) Motorola-Type Plugs. Fit car radios and many scanners. Solder-type. 274-711 Pkg. of 2/99¢
 (2) Inline Jack Assembly. 6" cable. 274-713 1.39
 (3) Solderless Plug. Easy to hook up. 274-709 1.39
 (4) Solderless Inline Jack. 274-710 1.39



Shielded DIN

(1) DIN Plugs. Plastic covers.

Pins	Cat. No.	Each
4	274-007	1.69
5	274-003	1.69
6	274-020	1.79
7 NEW!	274-029	1.79
8	274-026	1.79

(2) Inline Jacks. Plastic covers.

Pins	Cat. No.	Each
5 (or 3)	274-006	1.69
7 NEW!	274-030	1.79
8	274-027	1.99

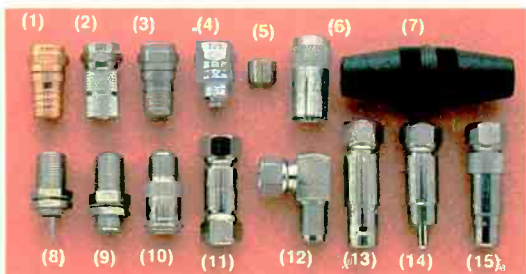
(3) 5-Pin Jack. 274-005 99¢



Plug and Inline Jack Set

Two-Conductor (Monaural) 1/8". Set includes two plugs and two jacks. 274-283 4-Piece Set/2.49

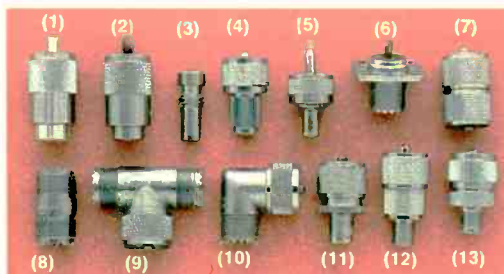
RF CONNECTORS, ADAPTERS AND TOOLS



75-Ohm TV/FM Connectors

- (1) Gold-Plated CF-59. For RG-59 cable. With extra-long 1/2" crimp ring. 278-224 **Pkg. of 2/1.99**
Gold-Plated CF-56. F-type connector for RG-6 and "Aluminax" type cable. 278-225 **Pkg. of 2/1.99**
 (2) **NEW!** Twist-On CF-59TO. For RG-59. 278-227 **59c**
NEW! Twist-On CF-56TO. For RG-56. 278-228 **59c**
 (3) Standard CF-59. For RG-59. 278-222 **Pkg. of 2/99c**
 Standard CF-56. For RG-56. 278-223 **Pkg. of 2/99c**
NEW! Package of 10 CF-59s. 278-230 **3.99**
NEW! Package of 10 CF-56s. 278-231 **3.99**
 (4) F-59. For RG-59. 278-211 **Pkg. of 2/99c**
 F-56. For RG-6, "Aluminax". 278-214 **Pkg. of 2/99c**
 (5) F-59 Crimp Rings. 278-216 **Pkg. of 6/59c**
 F-56 Crimp Rings. 278-217 **Pkg. of 6/59c**
 (6) Solderless F-59. For RG-59. 278-215 **99c**
 (7) Indoor RG-58/59/6 Coax Splitters. 278-226 **Pkg. 2/2.99**
 (8) F-61. Chassis-mount F. 278-212 **Pkg. of 2/99c**
 (9) F-81 Coupler. Joins two F types. 278-213 **99c**
 (10) Screw-On to Push-On Adapter. 278-218 **1.49**
 (11) F Male-to-Male Adapter. 278-219 **1.29**
 (12) F Inline Right-Angle Adapter. 278-221 **1.29**

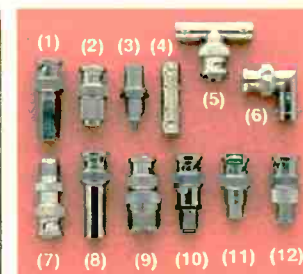
Fig.	Accepts	Fits	Cat. No.	Each
13	BNC Plug	Chassis F	278-256	2.49
14	Phono Jack	Chassis F	278-253	1.99
15	Phono Plug	Chassis F	278-255	1.29



UHF Connectors and Adapters

- (1) **Premium PL-259 Plug.** Features silver-plated body and high-heat, low-loss Teflon™ insulator. 278-188 **3.49**
 (2) Standard PL-259. 278-205 **Pkg. of 2/2.79**
 (3) **UG-176 Reducers for RG-59/8M.** Use to install PL-259 plugs on RG-59 and RG-8M cables. 278-204 **Pkg. of 2/99c**
UG-175 Reducers for RG-58. 278-206 **Pkg. of 2/99c**
 (4) **No-Crimp Solderless PL-259 for RG-58.** Install with a flat-blade screwdriver. 278-186 **3.29**
 (5) **Solderless PL-259 for RG-58.** 278-196 **Pkg. of 2/2.19**
Above for RG-59, RG-8M Cable. 278-191 **2.19**
 (6) **SO-239 Chassis-Mount Socket.** 278-201 **1.49**
 (7) **Double PL-259.** Joins two SO-239s. 278-192 **2.19**
 (8) **PL-258 Coupler.** Joins two PL-259s. 278-1369 **1.69**
 (9) **M-358 T Adapter.** Two SO-239 sockets to PL-259 plug. Useful in beam antenna phasing lines. 278-198 **3.49**
 (10) **M-359 Inline Right-Angle Adapter.** Use when space is tight. Eliminates sharp bends in cable and helps prevent damage to cable and jack. 278-199 **2.49**

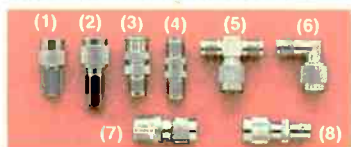
Fig.	Accepts	Fits	Cat. No.	Each
11	BNC Plug	SO-239	278-121	2.59
12	Male F	SO-239	278-258	2.99
13	Mini UHF Plug	SO-239	278-175	3.49



BNC Connectors And Adapters

- (1) **Twist-On Male BNC Connector.** For RG-58 Cable. 278-103 **2.99**
For RG-59, RG-62. 278-104 **2.99**
 (2) **No-Crimp Solderless BNC Male.** For RG-58. 278-185 **3.59**
 (3) **Type 1094 BNC Chassis-Mount Jack.** 278-105 **1.39**
 (4) **Type UG-306 BNC Female-to-Female Coupler.** 278-115 **1.99**
 (5) **Type UG-274 T Adapter.** 278-112 **3.19**
 (6) **Right-Angle Inline Adapter.** 278-116 **3.99**

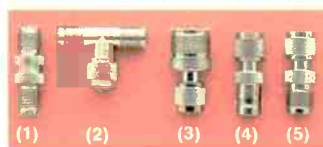
Fig.	Accepts Plug	Fits Socket	Cat. No.	Each
7	TNC	BNC	278-144	4.99
8	Motorola	BNC	278-117	2.99
9	PL-259	BNC	278-120	2.49
10	F Male	BNC	278-251	1.99
11	Phono	BNC	278-254	2.49
12	Mini UHF	BNC	278-177	2.99



TNC Connectors/Adapters

- (1) **NEW!** No-Crimp Solderless Male TNC for RG-58 Cable. 278-184 **3.59**
 (2) **Twist-On Male TNC for RG-58 Cable.** 278-140 **1.99**
 (3) **NEW!** Push-On Adapter. Converts screw-on TNC male to push-on type. Handy for transportable cellular phones. 278-133 **3.99**
 (4) **Double-Female.** 278-142 **1.99**
 (5) **NEW!** T Coupler. 278-137 **3.99**
 (6) **Right-Angle Adapter.** 278-141 **2.99**

Fig.	Accepts	Fits TNC	Cat. No.	Each
7	PL-259	Female	278-118	3.49
8	BNC Male	Female	278-145	4.99



Mini UHF Adapters

Useful for Antenna Hookups With Many Cellular Phones

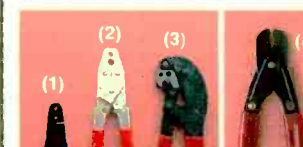
- (1) **Double-Female Adapter.** Joins two male mini-UHF connectors. 278-172 **2.49**
 (2) **T Adapter.** Female-male-female type power divider. 278-173 **3.99**

Fig.	Accepts	Fits Mini-UHF	Cat. No.	Each
3	PL-259	Female	278-174	3.99
4	BNC Male	Female	278-176	2.99
5	TNC Male	Female	278-146	2.99



N Connectors/Adapters

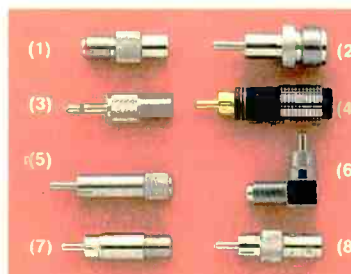
- (1) **NEW!** Male N Connector for RG-8 Cable. 278-149 **3.49**
For RG-58 Cable. 278-151 **3.49**
 (2) **Panel-Mount Jack.** 278-152 **2.99**
 (3) **UG-29 Double-Female Adapter.** Joins two male Ns. 278-154 **3.99**
 (4) **UG-107 Female-Male-Female T Adapter.** 278-155 **5.99**
 (5) **UG-27 Right-Angle Female-to-Male Inline Adapter.** 278-153 **4.99**
 (6) **NEW!** PL-259 Adapter. Accepts PL-259. Plugs into N jack. 278-156 **4.49**



Installation Tools

The Job Goes Easier and Your Results Are Better When You Use Archer® Tools

- (1) **Economy Crimping Tool.** For F connectors. (Not for our #278-222/223/224/225/230/231 connectors). 278-220 **2.79**
 (2) **Medium-Duty Hex Crimp Tool.** 278-242 **6.95**
 (3) **"Pro" Crimp Tool.** Our best! For our #278-222/223/224/225 and 230/231 connectors. 278-243 **14.95**
 (4) **Coax Cutter.** Special curved blades do not flatten cable while cutting. 278-244 **5.95**
 (5) **Coax Stripper.** With adjustable blades. For 3/16" to 5/16" diameter cables. 278-240 **12.95**



Hard-to-Find Adapters

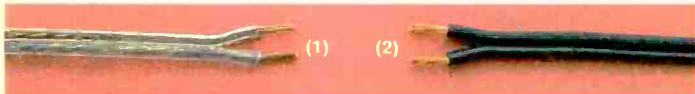
- (1) **NEW!** Euro-TV Adapter. Accepts male F. Fits PAL antenna jack. 278-261 **1.19**
 (2) **"Scanner" Coax Plug Adapter.** SO-239 to Motorola-type plug. 278-208 **1.79**
 (3) **F to 1/8" Mini Plug.** Accepts male F. Fits 1/8" jack. 278-257 **1.99**
 (4) **Gold-Plated Video/RF Phono Plug.** 278-187 **2.99**
 (5) **Twist-On Phono Plug.** 278-189 **2.79**
 (6) **Accepts F Plug.** Fits Phono Jack. Right-angle type is ideal for tight spaces. 278-260 **1.99**
 (7) **Straight Version of Fig. 6.** 278-252, 1.39
 (8) **Accepts BNC Plug.** Fits Phono Jack. 278-250 **2.49**



Gold-Plated Adapters

Fig.	Accepts	Fits	Cat. No.	Each
1	BNC Male	Phono Jack	278-301	3.99
2	F Female	BNC Socket	278-302	4.99
3	Phono Plug	BNC Socket	278-303	3.99

SUPER SELECTION OF CABLE AND WIRE



Two-Conductor Speaker Wire

(1) **Clear Plastic Insulation.** Extra low-loss all-copper conductors are color coded for polarity identification.

(2) **Brown Insulation.** Stranded two-conductor copper wire with plastic insulation. Polarity-keyed.

See page 138 for our high-performance MEGACABLE™ speaker wire and accessories.

Gauge	Type	Feet	Cat. No.	Each
24	Stranded	50	278-1301	2.99
24	Solid	75	278-1509	3.49
22	Stranded	100	278-1385	5.49
20	Stranded	75	278-1388	5.99
18	Stranded	30	278-1602	3.99
18	Stranded	60	278-008	6.99
16	Stranded	50	278-1267	7.99

Gauge	Feet	Cat. No.	Each
20	30	278-1265	3.29
20	100	278-1387	6.99
18	30	278-864	2.99
18	100	278-1264	8.99
16	30	278-1263	4.69
16	100	278-1384	13.95



Specialty Wire

(1) **Magnet Wire Assortment.** For coil winding. Includes 40 ft. of 22-gauge, 75 ft. 26-gauge, 200 ft. of 30-gauge. 278-1345 4.99

(2) **Solid Bus Wire.** 24-gauge tinned copper. 50 ft. 278-1341 1.79

(3) **Probe Wire.** 20-gauge stranded. 25 feet. Red. 278-553 2.39
Black. 278-554 2.39

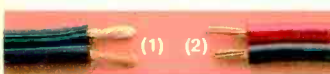


Intercom and Alarm

(1) **Intercom.** 3-conductor, 24-ga. stranded. 50 ft. 278-371 4.69

(2) **Rainbow Wire.** 4-cond., 24-ga. solid. 25 ft. 278-757 2.39
2-Cond. Solid. 35 ft. 278-755 2.39

(3) **Twisted-Pair Security Alarm Wire.** 100 feet. 278-860 5.99
300 Feet. 278-861 17.49



Lamp Cord

(1) **SPT-1.** 18-gauge, 2-conductor. 100 feet. UL listed. 278-1430 14.99
SPT-2. 16-gauge, 2-conductor. 100 feet. UL listed. 278-1440 21.95

Heavy-Duty

(2) **18-Gauge.** Stranded, 2-conductor, polarized. 25 ft. 278-1250 3.99
12-Ga. Red. 20 ft. 278-1289 3.99
12-Ga. Black. 20 ft. 278-1280 3.99



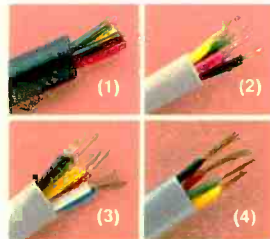
Double-Shielded 4-Cond.

(1) **NEW!** Very high quality cable with 100% foil wrap plus 75% braided shield over that. For data and audio. 30 feet. 278-777 7.95

LAN/Peripheral Cable

(2) **High-Quality Double-Shielded.**

Conductors	Cat. No.	Per Foot
9	278-775	.59
25	278-776	1.19



Telephone Cable

(1) **Direct-Buriable 4-Conductor Phone Cable.** 100 feet. 278-375 14.99

(2) **Four-Conductor.** 24-ga. solid copper conductors. 50 feet. 278-372 5.79
100 Feet. 278-373 10.95
Bulk. 278-1320 Price Per Foot/12c

(3) **Six-Cond.** 100 ft. 278-374 14.95

(4) **Modular.** 4-cond. 50 feet. 278-365 5.49
100 Feet. 278-366 10.98



Hookup Wire Solid or Stranded

One Spool, One Color Each 2.99

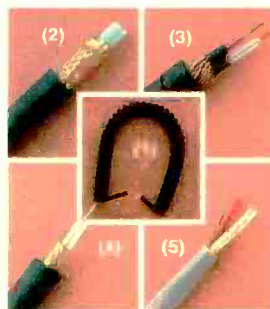
Three Spools, 3 Colors, Each 3.49

Fig.	Type	Ga.	*Ft.	Cat. No.
1	Solid	18	60	278-1291
2	Stranded	18	55	278-1292
2	Stranded	20	75	278-1293
1	Solid	20	80	278-1294
1	Solid	22	100	278-1295
2	Stranded	22	90	278-1296

Fig.	Type	Ga.	*Ft.	Cat. No.
1	Solid	18	60	278-1302
2	Stranded	18	45	278-1303
2	Stranded	20	60	278-1304
1	Solid	20	75	278-1305
1	Solid	22	90	278-1306
2	Stranded	22	75	278-1307

*Total footage; colors vary

*Total footage; colors vary



Shielded Audio Cable

(1) **NEW!** Coiled Communications Cable. Ideal for replacing CB, Ham and marine mike cords. Four conductors (one shielded). 5 feet. 278-356 2.99

(2) **Oxygen-Free-Copper A/V Cable.** The best! 6 ft. 6 mm Diameter. 278-1271 5.95
8 mm Diameter. 278-1272 7.59

(3) **Balanced Mike Cable.** Two shielded parallel conductors. 30 feet. 278-1281 19.95

(4) **Super-Flex Cable.** 30 ft. 278-1282 14.95

(5) **Shielded Cable for Audio Hookups.**

Description	Feet	Cat. No.	Each
Miniature	30	278-752	3.49
Heavy-Duty	40	278-751	7.19
Standard	20	278-1277	3.29
Two-Conductor	50	278-1275	5.49
Two-Conductor	20	278-1276	3.29



Archer® High-Grade Coaxial Cable

Manufactured in USA by Tandy

See Page 92 for Bulk Discounts Excellent choice for Amateur Radio, CB, scanner, TV and FM hookups.

Ohms	RG Type	OD (in.)	Velocity Factor	Loss Per 100 ft.		Cap. Per Ft.	Center Cond.	Cat. No.	Per Ft.
52	8	.405	66%	50 MHz, 1.7 dB	100 MHz, 2.5 dB	29 pF	13-ga. 7 x 21	278-1323	.42
				200 MHz, 3.8 dB	400 MHz, 6.5 dB				
52	8/M	.242	75%	50 MHz, 2.2dB	100 MHz, 3.0 dB	26 pF	16-ga. 19 x 29	278-1328	.25
				200 MHz, 4.6 dB	400 MHz, 7.5 dB				
52	58	.196	66%	50 MHz, 4.0 dB	100 MHz, 5.3 dB	28 pF	20-ga. solid	278-1326	.20
				200 MHz, 8.0 dB	400 MHz, 12.0 dB				
75	59*	.242	75%	50 MHz, 1.8 dB	100 MHz, 2.8 dB	15.5 pF	22-ga. solid	278-1327	.20
				200 MHz, 3.9 dB	500 MHz, 7.5 dB				
				700 MHz, 9.1 dB	900 MHz, 10.6 dB				
75	6†	.266	75%	50 MHz, 1.2 dB	100 MHz, 1.8 dB	18.6 pF	18-ga. solid	278-1324	.20
				200 MHz, 2.7 dB	500 MHz, 5.1 dB				
				700 MHz, 6.7 dB	900 MHz, 8.3 dB				



52-Ohm RF Cable Assemblies

(1) **NEW!** 6-Ft. BNC to BNC. For test instrument and RF hookups. 278-964 5.99

(2) **Cellular Phone Extension.** Low-loss 3-foot cable. Male TNC to female TNC connector. 278-976 4.99

(3) **Fig. 2 With Right-Angle Male TNC.** 278-977 5.99

(4) **2-Foot RG-58 Patch.** PL-259 at each end. 278-968 4.99

20-Foot RG-58. PL-259 at each end. 278-967 6.99

50-Foot RG-58. PL-259 at each end. 278-971 13.99

(5) **NEW!** 10-Ft. RG-8M Patch. PL-259 at each end. 278-979 7.99

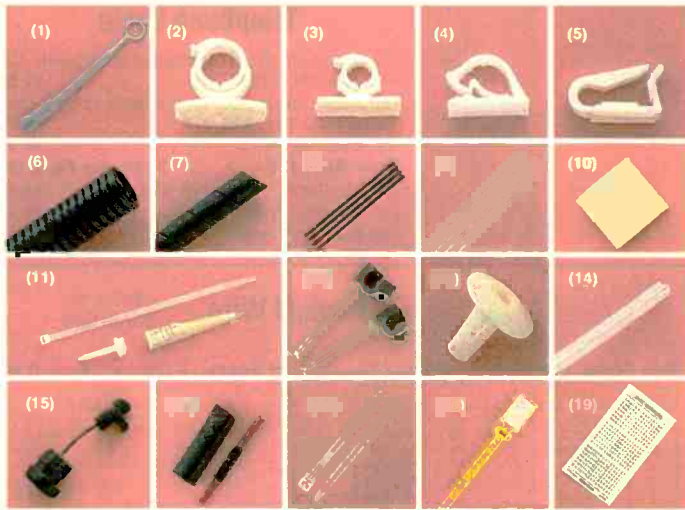
6-Foot RG-8 Patch. PL-259 at each end. 278-969 6.49

50-Foot RG-8. PL-259 at each end. 278-970 25.99

(7) **6-Ft. RG-58 Extension.** PL-259 to SO-239. 278-975 5.29

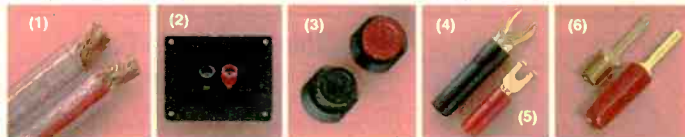
(8) **20-Ft. RG-58 Mobile Antenna Harness.** PL-259 at one end, spades at the other for antenna hookup. 278-966 6.99

WE HELP YOU DO THE BEST WIRING JOB



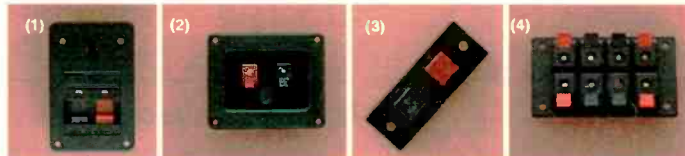
Wire Management Items for a Neater Installation

- (1) **NEW!** Reusable Cable Ties. Bundle together cables for computers, appliances and more. Accept up to $1\frac{3}{8}$ " dia. bundle and have a hang-up loop. 278-1622 ... **Pkg. of 10/4.99**
- (2) "Jumbo" Cable Clips. Eliminates drooping! Locking clips accept coax up to $\frac{3}{8}$ " diameter. Strong adhesive back. 278-1641 ... **Pkg. of 3/1.79**
- (3) Standard Cable Clips. For cables up to $\frac{3}{8}$ " diameter. 278-1640 ... **Pkg. of 10/2.69**
- (4) Adjustable Wire/Cable Clips. For cables up to $\frac{1}{2}$ " diameter. 278-1639, **Pkg. of 10/2.49**
- (5) "Universal" Wire and Cable Clips. 278-1647 ... **Pkg. of 10/2.79**
- (6) Split Loom Tubing. Gathers wires into a bundle. 5 ft., $\frac{1}{2}$ " diameter. 278-1624 ... **3.99**
- (7) Spiral Wrap. 10 feet. 278-1638 ... **1.99**
- (8) **NEW!** Indoor/Outdoor Nylon Wire Ties. 8" long. Ultraviolet-stabilized for long outdoor life. For TV, communications and other outdoor wiring. 278-1652 ... **Pkg. of 30/2.99**
- (9) 4" Wire Ties. Unbreakable nylon. Self-locking. 278-1632 ... **Pkg. of 30/1.59**
5" Wire Ties. 278-1631 ... **Pkg. of 30/1.99**
8" Wire Ties. 278-1642 ... **Pkg. of 30/2.99**
- (10) Wire-Tie Mounts. $\frac{3}{4}$ x $\frac{3}{4}$ ". Adhesive backed. 278-441 ... **Pkg. of 10/1.59**
- (11) **NEW!** Nail-In Cable Anchors. Hammer into drywall from $\frac{3}{8}$ " to $\frac{5}{8}$ " thick. Expanding fins lock anchor into place. 5" wire tie secures cable. 278-1623 ... **Set of 4/1.99**
- (12) Nail-In Coax Clips. Slip over cable. For RG58/U. 20-192 ... **Pkg. of 10/99c**
For RG8/U. 20-193 ... **Pkg. of 6/99c**
- (13) Wall Feedthrough Bushing for Coax. For RG6 and RG8M. 278-1644, **Pkg. of 2/49c**
For RG59, 58, 62. 278-1643, **Pkg. of 2/49c**
- (14) 5-Foot Grommet Strip. Bends to fit irregularly-shaped panel cutouts. Easily cut to desired length. Fits panels with thickness from .06 to 0.1". 278-1651 ... **2.49**
- (15) Strain Reliefs. 278-1636, **Set of 6/79c**
- (16) Heat-Shrink Tubing. $\frac{1}{8}$ to $\frac{1}{2}$ " sizes. UL listed. 278-1627 ... **Pkg. of 7/1.79**
- (17) AC Cord Ties. 278-1646, **Pkg. of 6/69c**
- (18) Cable Tie/Marker. For cables up to $\frac{5}{8}$ " dia. 278-1648 ... **Pkg. of 10/2.49**
- (19) Wire Markers. "Peel and stick" letters and numerals for identifying wiring. Total of 630 characters. 278-1650 ... **Set/1.79**



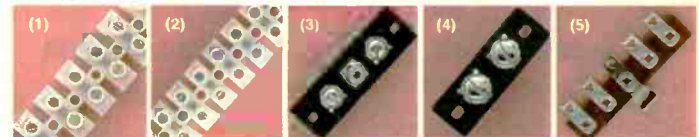
Speaker Hooks

- (1) MEGACABLE. 12-ga. braided pure copper. 278-1268 ... **Per Foot 99c**
- (2) **NEW!** Speaker Plate for MEGACABLE. 274-628 ... **2.49**
- (3) $\frac{3}{4}$ " Terminals. 274-619 ... **2/5.95**
- (4) Gold Connectors. 64-401 ... **8/4.99**
- (5) Smaller Version of Fig. 4. Includes 4 red, 4 black. 64-402 ... **Set of 8/4.49**
- (6) **NEW!** Gold Pin-Type Connectors for MEGACABLE. 64-403 ... **Set of 4/2.99**



Speaker Plates

- (1) **NEW!** With Built-In Hangup Slot. Solves speaker hookup and placement problems. 274-627 ... **2.19**
- (2) With Phono Jack. 274-625 ... **1.99**
- (3) Two-Position Pushbutton Terminals. $2\frac{1}{8}$ x $\frac{3}{4}$ ". 274-315 ... **1.29**
- (4) Eight-Position Pushbutton Terminal. Spring action. 274-623 ... **2.79**
Four-Position. 274-622 ... **1.59**
Two-Position. 274-621 ... **1.19**



Terminal Strips

- (1) 12-Position "Jumbo" European-Style Barrier Strip. 274-677 ... **3.99**
- (2) 8-Position Terminal. 274-678 ... **1.89**
12-Position Terminal. 274-679 ... **2.29**
- (3) Screw Terminals With Phono Jack. 274-620 ... **Pkg. of 2/1.29**
- (4) Screw Terminals. Ideal for antenna and speakers. 274-663 ... **Pkg. of 7/1.79**
- (5) Five-Lug Tie Points. Use center lug for grounding. 274-688 ... **Pkg. of 4/89c**



Barrier Strips

- (1) 2-Position. 274-656 ... **Pkg. of 2/1.49**
4-Position. 274-658 ... **Each 1.49**
6-Position. 274-659 ... **Each 1.59**
8-Position. 274-670 ... **Each 1.99**
- (2) Chassis-Mount Feedthrough Barrier Strip. Eight positions. 274-653 ... **2.39**
- (3) Quick Lugs. 274-645 ... **4/79c**
- (4) Dual Solder-Lug Adapters for Barrier Strips. 274-644 ... **Pkg. of 4/79c**
- (5) Eight-Pos. Jumper. 274-650 ... **1.59**



Polarized Interlocking Connectors

Male. 250V Per Circuit				Female. 250V Per Circuit			
Pos.	Amps	Cat. No.	Each	Pos.	Amps	Cat. No.	Each
2	20	274-151	.99	2	20	274-154	.99
6	15	274-152	1.69	6	15	274-155	1.69
12	12	274-153	1.99	12	12	274-156	1.99

Male. 125V Per Circuit				Female. 125V Per Circuit			
Pos.	Amps	Cat. No.	Each	Pos.	Amps	Cat. No.	Each
4	9	274-224	1.09	4	9	274-234	1.09
6	9	274-226	1.39	6	9	274-236	1.39
9	9	274-229	1.59	9	9	274-239	1.59
12	7.5	274-232	1.69	12	7.5	274-242	1.69

Two-Pin Male/Female Set. Up to 12 amps, 250VAC per circuit. 274-222 ... **Set 99c**



Six-Foot AC Power Cords

- (1) Replacement Cord. With 2-prong AC plug. 278-1255 ... **1.19**
- (2) With 3-Prong Plug. Rated 10A at 125VAC. Perfect replacement or upgrade. 278-1258, **2.99**
- (3) **NEW!** Recorder/Radio. Two-prong plug to connector that fits many portables. 278-1254, **2.49**
Recorder/Radio. Similar to Fig. 3. 278-1256 ... **1.99**



Polarized Connectors

7.5 amps, 500 volts maximum per position.

Type	Positions	Cat. No.	Each
Plug	2	274-201	1.99
Socket	2	274-202	2.19
Plug	4	274-204	1.99
Socket	4	274-205	2.19



DC Power Connectors

- (1) Coax "Barrel-Type" DC Power Plugs.
- | O.D. | I.D. | Cat. No. | Pkg. of 2 |
|--------|--------|----------|-----------|
| 3.5 mm | 1.1 mm | 274-1574 | 1.69 |
| 3.5 mm | 1.3 mm | 274-1571 | 1.69 |
| 5.0 mm | 1.6 mm | 274-1570 | 1.29 |
| 5.0 mm | 2.1 mm | 274-1567 | 1.29 |
| 5.0 mm | 2.5 mm | 274-1568 | 1.29 |
| 5.5 mm | 2.1 mm | 274-1569 | 1.29 |
| 5.5 mm | 2.5 mm | 274-1573 | 1.29 |
| 6.3 mm | 3.0 mm | 274-1572 | 1.49 |
- (2) Metal Panel-Mount DC Power Jack. 5.5 mm outside diameter, 2.1 mm I.D. 274-1563 ... **1.59**
NEW! 5.5 mm O.D., 2.5 I.D. 274-1576 ... **1.59**
- (3) Molded DC Power Jacks. With 5.0 mm O.D. and 2.1 mm I.D. 274-1565 ... **Pkg. of 2/1.29**
- (4) **NEW!** Inline Jacks. 5.5 mm O.D. With 2.1 mm I.D. 274-1577. 2.5 mm ID, 274-1578, **Each 1.79**

FUSES, BATTERY HOLDERS, ANTENNAS



Big Variety of Battery Holders

Have hookup leads except *, which have 9V-type snap.

Holds	Cat. No.	Each	Holds	Cat. No.	Each
2 "AAA"	270-398	.79	2 "D"	270-386	1.49
2 "AA"	270-382*	1.19	4 "D"	270-396	1.59
4 "AA"	270-383*	1.19	4 "D"	270-389	1.59
4 "AA"	270-391	1.29	1 "N"	270-405	.59
8 "AA"	270-387*	1.39	1 "AA"	270-401	.89
8 "AA"	270-407*	1.29	1 "C"	270-402	.79
2 "C"	270-385	1.29	1 "D"	270-403	.89
4 "C"	270-390	1.49			

(1) 9V Battery Snap Connector. For replacement, projects or use with battery holders that have 9V-type snap connector. 270-325 **Pkg. of 5/1.19**

(2) 9V Battery Holders. 270-326 **Pkg. of 2/89c**



Replacement Rod Antennas

For cordless phones, radios, portable stereos and walkie-talkies. Restore original range and performance at low cost.

Fig.	Secl.	Ext.	Cat. No.	Each
1	5	30 1/2"	270-1401	2.99
1	4	34 3/4"	270-1402	3.79
1	3	39 1/2"	270-1403	3.99
1	6	72"	270-1408	3.99
2	5	15 1/2"	270-1406	2.79
3	5	28"	270-1405	3.19
4	5	13"	270-1407	2.79
4	6	17 3/4"	270-1409	2.59
4	6	16"	270-1410	2.99
5	6	11 1/4"	270-1411	2.99
6	2	16 1/2"	270-1412	2.89
6	9	24"	270-1413	3.99
6	5	13 1/2"	270-1414	2.49
7 NEW!	5	13 7/16"	270-1415	2.59
8 NEW!	5	22 3/4"	270-1416	3.79
9 NEW!	4	23 5/16"	270-1417	3.49

ELECTRONIC PARTS

Thermal Protector Fuses

Protectors used in many coffee makers and heating-type appliances. Rated 240VAC, 10 amps maximum. Other values available by special order (CMC).

Breaks Circuit at	Cat. No.	Each
141°C	270-1320	1.19
NEW! 128°C	270-1322	1.19
228°C	270-1321	1.19

MOV Line-Surge Protectors

Metal-Oxide Varistors. Divert AC-line "spikes" to prevent damage to computers, VCRs and other sensitive equipment.

Standard. 276-570 **1.59**

Heavy-Duty. 276-568 **1.99**

Panel-Mount Circuit Breaker

Easy Way to Add Extra Safety!

Rated 3 amps at 250 VAC. Convenient alternative to fuses. Snaps into 5/8" diameter panel hole. Trips in three seconds at 200% rated current. 270-1311 **1.99**

Fuses for TVs, VCRs, Hi-Fi, CBs, Appliances and Testers

(1) Fast-Acting 1 1/4 x 1/4" **Pkg. of 3/79c**

Amps	Cat. No.	Amps	Cat. No.
1/4	270-1270	3	270-1276
1/2	270-1271	4	270-1277
3/4	270-1272	5	270-1278
1	270-1273	6	270-1252
1 1/2	270-1274	7	270-1253
2	270-1275	8	270-1254
2 1/2	270-1260	...	...

(2) Microwave Fuses **Pkg. of 2/1.29**

Amps	Cat. No.	Amps	Cat. No.
10	270-1256	20	270-1258
15	270-1257	...	...

(3) Fast-Acting 5 x 20 mm, **Pkg. of 2/89c**

Amps	Cat. No.	Amps	Cat. No.
0.315	270-1249	2	270-1244
1/2	270-1241	2 1/2	270-1245
3/4	270-1242	3	270-1246
1	270-1250	4	270-1247
1 1/2	270-1243	5	270-1248

Slow-Blow 1 1/4 x 1/4" **Pkg. of 2/1.29**

Amps	Cat. No.	Amps	Cat. No.
1/2	270-1282	4	270-1289
1	270-1283	5	270-1287
1 1/2	270-1284	6	270-1291
2	270-1285	7	270-1292
3	270-1286	8	270-1293

1.6 Amp 5 x 20 mm Fast-Blow Fuse. For VCRs. 270-1235 **Pkg. of 2/89c**

(4) Slow-Blow 5 x 20 mm, **Pkg. of 2/1.19**

Amps	Cat. No.	Amps	Cat. No.
1/2	270-1169	3.15	270-1173
3/4	270-1170	4	270-1174
1	270-1171	5	270-1175
2	270-1172	6.3	270-1176



Automotive Fuses

(1) Glass-Type Fuse Kit. Two SFE-20, one each of AGC 3, 10, 15, 25, 30; one each of SFE 7 1/2, 9, 14, 270-1262 **Set of 10/1.89**

(1) SFE-Type, 1 1/4 x 1/4" dia. glass fuses.

Amps	Cat. No.	Pkg. of 3
10	270-1279	.79
15	270-1280	.79
20	270-1268	.79

(2) "Blade" Fuse Kit. One each: 5, 7 1/2, 10, 15, 20 amps. 270-1201 **Set of 5/1.59**

(2) "Blade" Auto Fuses **Pkg. of 2/89c**

Amps	Cat. No.	Amps	Cat. No.
5	270-1205	20	270-1208
10	270-1207	25	270-1214
15	270-1212	30	270-1209

Fuse Accessories

(3) Solderless 1/4" Glass Fuse Holder. Rated for fuse up to 20 amps. 270-1211 **1.19**

(4) Inline "Blade" Fuse Holder. Rated for fuse up to 20 amps. 270-1213 **1.59**

(5) Inserter/Extractor Tool. For glass and blade-type fuses. 270-1199 **99c**

(6) Self-Strip "Blade" Fuseholder. Easy to install—just insert wire and squeeze. Ideal for car audio hookups. 270-1215 **1.49**

(7) "Blade" Fuse Taps. The fast, easy way to connect car audio, CB and accessory power leads to vehicle's fuse panel. Design assures positive contact. 270-1204 **Pkg. of 4/99c**

Holders for 1 1/4 x 1/4" and 5 x 20 mm Fuses

(1) Inline for 5 x 20 mm Fuses. With leads. 5A at 250VAC. UL listed. 270-1238 **1.59**

(2) Inline for 1 1/4 x 1/4" Fuses. With leads. Rated 5A at 250VAC. 270-1281 **99c**

(3) Panel-Mount for 5 x 20 mm Fuses. 10A at 250VAC. 1/2" mtg. hole. 270-362 **1.49**

(4) Panel-Mountable for 1 1/4 x 1/4" Fuses. Rated 10A at 250VAC. 270-364 **1.29**

(5) Square Panel-Mountable for 1 1/4 x 1/4" Fuses. With safety-lock. 10A at 250VAC. 1/2" mtg. hole. 270-365 **1.49**

(6) Panel-Mount With Screwdriver Slot. For 1 1/4 x 1/4" Fuses. 10A at 250VAC. 270-367 **1.79**

(7) Chassis-Mountable Holders for 1 1/4 x 1/4" Fuses. 270-739 **Pkg. of 2/99c**

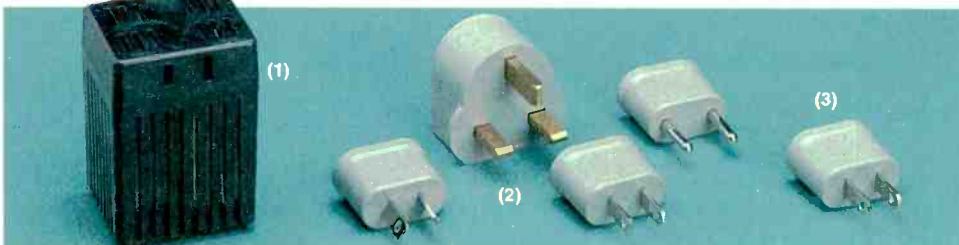
(8) Four-Position Fuse Block. For 1 1/4 x 1/4" fuses. 270-742 **2.19**

(9) Pigtail Fuse Adapter. A must for TV and appliance service. Really saves time—eliminates soldering and desoldering. Clips over blown pigtail-type fuse. Accepts a standard 1 1/4 x 1/4" glass fuse. 270-1219 **1.19**

(10) Speaker Fuse Holder. For 1 1/4 x 1/4" fuse. 270-1210 **2.39**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

WE HAVE THE POWER ADAPTER YOU NEED



Traveler's Friends! Foreign AC Power Converters and Plug Adapters

■ Operate Most 120VAC Personal Appliances on 240VAC Power ■ Overload Protected

NEW! **Dual-Wattage Converter.** Operate small electronic, motorized appliances rated up to 50 watts and small heating-type appliances rated up to 1600 watts while you travel in countries having 240VAC power. Use with most cassette recorders, radios, battery chargers and calculators plus most travel irons, hand-held hair dryers, curling irons, bottle warmers, electric blankets, contact lens sterilizers and immersion heaters. 12½ oz. 3 x 2 x 2¼". 273-1410 **32.95**

(1) **1600-Watt Converter.** Allows use of 120VAC heating-type appliances from 240VAC. For hand-held hair dryers with universal (AC/DC) motors, most irons, electric blankets, steamers, manicure sets, immersion heaters, incandescent lamps and food/bottle warmers. 3 oz. 3½ x 1⅞ x 1⅞". 273-1404 **19.95**

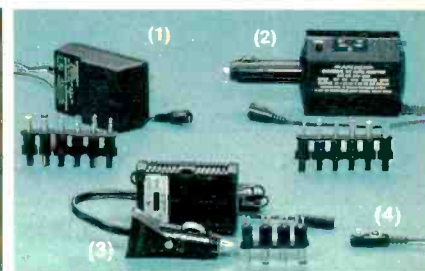
IMPORTANT NOTE! These converters can NOT be used with clocks, TV sets, high-fidelity equipment, typewriters, computers, hooded hair dryers, slide projectors or permanently installed equipment. NOT for continuous use. Will NOT work with DC (direct current). The 1600-watt and 1000-watt converters should NOT be used with transformer-operated equipment.

1000-Watt Converter. Same applications as Fig. 1, but with a 1000-watt maximum rating. 3 oz. 3½ x 1½ x 1½". 273-1402 **16.95**

50-Watt Converter/Transformer for Electronic Equipment. Converts 240VAC to 120VAC to operate most cassette recorders, radios, photoflash units, battery rechargers, calculators, razors, lens sterilizers and appliances up to 50 watts. 9½ oz. 1⅞ x 2⅞ x 1¼". 273-1401 **14.95**

(2) **Plug Adapters.** Connect converters, above, to almost any outlet, including recessed types. *Must be used with a converter.* 273-1405 **Set of 4/7.95**

(3) **U.S.-Outlet Plug Adapter.** Lets you connect dual-voltage appliances with European plugs to U.S.-type 120VAC power outlet. 273-1406 **1.95**



Save Batteries! Operate Portables From AC or Car DC Power

(1) **Universal AC-to-DC Adapter.** Plugs into AC outlet. Switch selects 3, 4.5, 6, 7.5 or 9VDC output. Six-foot cord. Includes six Adaptaplugs for connection to almost any external DC input jack. UL listed. 273-1650 **12.95**

Six-Piece Adaptaplug® Set. 274-1501 **7.29**

(2) **Universal DC-to-DC Adapter.** Plugs into vehicle lighter socket. Selectable 3, 4.5, 6, 7.5 or 9VDC output. Includes six Adaptaplugs. 270-1560, **11.95**

(3) **High-Current DC Adapter.** Plugs into vehicle lighter socket. Provides 6, 9 or 12VDC. With four plug sizes. 270-1562 **13.95**

Right-Angle 6-Plug Set. Coaxial. Fit Fig. 3. 270-1563 **6.99**

(4) **9V Battery Eliminator.** Plugs into AC outlet. Connector is snap-type as on 9-volt batteries. UL listed AC. 273-1552 **5.95**



Special-Purpose AC-to-DC Adapters

Include Adaptaplugs to Fit Most Portables

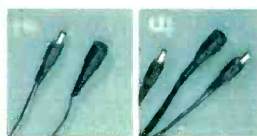
Adapt battery-powered portables with DC jack to AC. All plug into AC outlet and are UL listed.

9VDC Adapter (Shown). 500 mA output. Includes two Adaptaplugs. 273-1651 **10.95**

12VDC Adapter. 500 mA output. Includes four Adaptaplugs. 273-1652 **10.95**

12VDC Adapter. Delivers up to one amp. Includes three Adaptaplugs. 273-1653 **20.95**

Personal Portable Adapter. Hum-free circuit designed especially for personal stereos. Switch selects 1.5 or 3VDC output. 300 mA. Includes two Adaptaplugs. 273-1654 **13.95**



DC Extension Cable and Y-Adapter

(1) **NEW!** **5-Ft. Extension.** Fits most AC adapters. Coaxial jack at one end, plug at the other. Popular 5.5mm O.D., 2.1mm I.D. connector size. 273-1648 **3.99**

(2) **Y-Cable.** 5.5mm O.D., 2.1mm I.D. Power two devices with one adapter. 273-1649 **4.99**



AC Adapters for Radio Shack Equipment, Many Other Brands

All have a body like adapter pictured at left and plug into an AC outlet. UL listed.

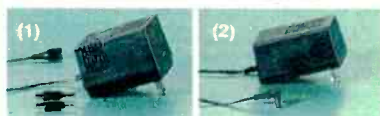
Output VDC	mA	Connector	Cat. No.	Each
9	300	Coax Plug	273-1455	7.95
6	150	Coax Plug	273-1454	7.95
9	25	⅜" Plug	273-1431	6.95
3*	200	Coax Plug	273-1456	6.95
3	200	⅜" Plug	273-1435	6.95

*For use with most STEREO-MATE® portables



Car/Boat DC-to-DC Adapter

Plugs into lighter socket. Provides 6 or 9 VDC for powering many small portable electronic devices. 12VDC neg. gnd. 14-844 **6.99**



Hi-Current AC-to-DC Adapters

For devices requiring more current than smaller adapters provide. Both plug into AC outlet. UL listed.

(1) **6/7.5 DC, 700 mA Output.** For many LCD TVs, portable CD players, handheld computers. With two Adaptaplugs. 273-1655 **16.95**

(2) **9VDC, 800 mA Output.** For many keyboards, portable CDs, video games. Has 5.5 mm O.D., 2.1 mm I.D. coaxial plug. 273-1656 **12.95**



AC-to-AC Power Adapters

Both plug into AC outlet, have 5.5 mm O.D., 2.1 mm I.D. coax plug and are UL listed.

For Phone Answerers. Exact replacement for many brands. Output: 13VAC, 800 mA. 273-1610 **8.95**

For Nintendo® Video Game. Output: 9VAC, 1.3A. 273-1611 **15.95**



120VAC to 12VDC Power Supplies

Regulated 12VDC Supply. Powers mobile CBs, car stereos and most devices requiring 12-14 volts DC from home AC power. Features push-to-reset circuit breaker, on/off switch, LED "on" indicator, massive finned heat sink for cool operation. Rated 2.5 amps continuous. 2¼ x 6¾ x 6¼". UL listed AC. 22-120 **39.95**

12VDC Supply. Same function as above but has nonregulated output and is rated 1.75 amps continuous. UL listed AC. 22-127 **26.95**

™NINTENDO CO., LTD.

EASIER AND SAFER ELECTRICAL HOOKUPS

ARCHER® Spike Protectors Shield Your Equipment From Electrical Damage

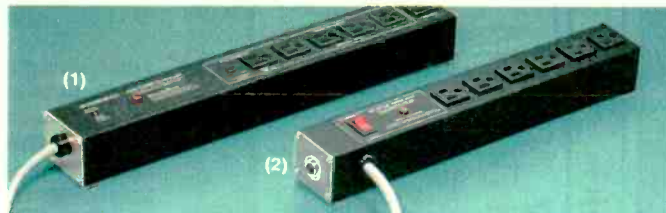
Momentary high-voltage "spikes" in the AC line can cause expensive damage to TVs, VCRs, stereos and other valuable electronic equipment. Because these irregularities occur frequently, almost all electronics are in danger. Spike protectors greatly reduce risk by absorbing spikes before they can cause damage.

Archer spike protectors have features that many other brands leave out: fuse protection in case of varistor failure, a neon indicator that goes out when protection is gone, and special tests for dielectric breakdown. These higher standards assure better protection. Archer is available exclusively at Radio Shack!



Plug-In AC Voltage Spike Protectors

- (1) **TV/VCR/FM Spike Protector.** Double duty. Guards against surges on AC line and 75-ohm antenna/cable-TV line. Rated 15A, 120VAC. 61-2787 . . . **29.95**
- (2) **Cordless 6-Outlet.** Breaker, noise filter. 13A, 120VAC. 61-2786 . . . **24.95**
- (3) **Cordless 3-Outlet.** Status light. Rated 15A, 120VAC. 61-2793 . . . **14.95**
- (4) **Heavy Duty.** Ideal for microwaves. 15 amps, 120VAC. 61-2792 . . . **9.95**
- (5) **Single Outlet.** Status light. Rated 15 amps at 120VAC. 61-2791 . . . **7.95**



Power Strips With AC Spike Protection

- (1) **Automatic Power Controller.** Lets you power-up or turn off your entire audio/video system by turning one component on and off. Great for use with remote-control VCR, cable box, TV, CD player. Has one sensed, four switched and one nonswitched outlets. Our best spike protector is built-in along with a line-noise filter and circuit breaker. 15A total. (TSP available) 61-2781 . . . **49.95**
- (2) **Six Outlets With Built-In Broadband Noise Filter.** 0.1 to 100 MHz filter, lighted switch, breaker. Rated 15 amps. (TSP avail.) 61-2780 . . . **29.95**



Extension Cords and Remote On/Off Switch

Feet	Description	Cat. No.	Each
6	White, 3-Outlet	61-2744	1.89
6	Brown, 3-Outlet	61-2745	1.89
9	White, 3-Outlet	61-2746	2.29
9	Brown, 3-Outlet	61-2747	2.29
15	Brown, 3-Outlet	61-2748	3.29

Feet	Description	Cat. No.	Each
25	Brown, 1-Outlet	61-2759	4.29
3	Grounded, 3-Out.*	61-2764	5.49
10	Grounded, 1 Out.*	61-2749	4.29
10	Grounded 3-Outlet*	61-2765	6.49
9	Air Conditioner*	61-2758	7.99

*Heavy-duty type

Remote AC Power Switch. Lets you turn lamp, TV, stereo or appliance on/off from chair or bed, up to 15 feet away. 61-2715 . . . **6.99**



Four and Six-Outlet Power Strips

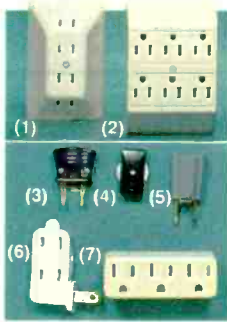
- Six-Outlet.** Has grounded (3-prong) outlets, lighted on/off switch, circuit breaker and 6-ft. cord with grounded plug. Rated 15 amps. 61-2619 . . . **21.95**
- Four-Outlet.** As above with four outlets, without switch. 61-2620 . . . **15.95**



Wireless Remote Switch

Control Lights and Appliances With the Pocket-Sized Remote

Wireless remote control has never been so easy or affordable! Just plug receiver module into an AC outlet, then plug a TV, stereo, lamp or small appliance into the module. System handles 15-amp resistive load, 500 watts incandescent lighting or 400-watt TV set, maximum. Remote requires 9V battery. 61-2667 . . . **21.95**



Outlets, Plugs and Line Switch

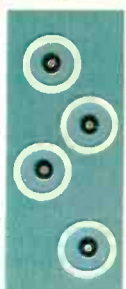
- (1) **Four-Outlet Adapter.** Converts 2-prong type AC outlet to four outlets. 61-2621 . . . **2.79**
- (2) **Six-Outlet Adapter.** For 3-prong (grounded) type outlet. 61-2622 . . . **4.19**
- (3) **Quick-Plugs.** 61-2702 . . . **Pkg. 2/1.39**
- (4) **Line-Cord On-Off Switch.** Easy to install. Ideal for lamps, small fans. 61-2713 . . . **1.39**
- (5) **Grounded Adapter.** Use 3-prong plug in a two-prong outlet. 61-2720 . . . **Pkg. 2/1.19**
- (6) **Three-Outlet Cube Tap.** Convenient wall-hugging "L"-shape. 61-2714 . . . **1.69**
- (7) **Three-Outlet AC Socket.** Converts one 3-prong outlet to three. 61-2705 . . . **2.39**



Plug-In AC Line-Noise Filter

Ideal for TVs And Computers

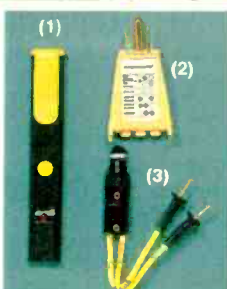
With a grounded (3-prong) plug and a grounded socket. Reduces most electrical interference. Rated 2.5 amps. 15-1111 . . . **10.95**



Incandescent Bulb Life Extenders

Place on Bulb and Replace in Socket

You will really save money because these devices multiply bulb life up to 100 times. 61-2725, **Pkg. of 4/3.99**



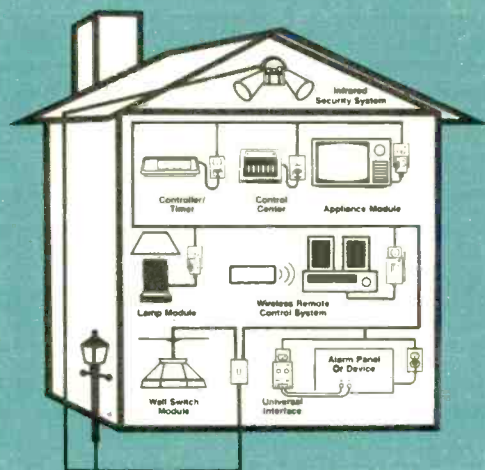
Easy-to-Use Circuit Testers

- (1) **NEW! AC Voltage Sensor.** Indicates the presence of AC voltages from 70 to 440VAC—without direct electrical connection. Use to check for broken connections, blown fuses, burned out lamps in a series-wired circuit, defective grounds and more. With instructions and replaceable battery. 22-103 . . . **9.95**
- (2) **3-Wire AC Outlet Analyzer.** Plug into grounded (3-prong) AC outlet and color-coded neon lamps warn you of faults. 22-101 . . . **5.95**
- (3) **NEW! Neon Circuit Tester.** Easy way to check AC outlet. 90-300V AC/DC. 22-102 . . . **1.99**

ALL AC-CONNECTED PRODUCTS ON THIS PAGE ARE UL LISTED

HOME REMOTE CONTROL MADE EASY!

SECURITY — PLUG 'N POWER



Our Plug 'n Power® Systems Let You Control Lights and Appliances Throughout Your Home

- No Wiring Required ■ Modules Plug Into AC Outlets
- Give Your Home a “Lived-In” Look When You’re Away
- Program Lights and Appliances to Conserve Energy

You can control lights and appliances in and around your home from one convenient location with a Plug 'n Power remote control system. Easy-to-program controllers send signals through existing house wiring to remote modules which turn lights and appliances on and off. Automate patio, yard and pool lights, plus garage, basement and attic lights for security and safety—even dim bedroom or dining room lights. Or, start your coffee, turn TV, VCR or stereo on/off, activate a fan—all by remote! What's more, Plug 'n Power systems are easy to expand. You can add more controllers and modules wherever you need them—just plug them in.



Wireless Remote Control/Light Dimmer

Turn House Lights on as You Turn Into the Driveway

Turn on/off, dim and brighten inside and outside lights from your car or from indoors, and control appliances by remote control. Plus, you can control up to 15 more sets of devices—just add the remote modules shown below. Receiver has an AC outlet with 15-amp maximum load. Wireless transmitter requires 4 “AAA” batteries. (TSP available) 61-2676

3995



Plug 'n Power Remote Controller/Timer

Also Operates as a Digital Alarm Clock

Use with remote modules, below, to automate air conditioner, stereo, security lights, sprinkler system and more! You can program daily on/off times or operate devices manually. Has buzzer alarm, snooze, varied-time security and once-on/off functions. Battery backup requires 9V battery. (TSP available) 61-2670

2995



Remote Command Console

- Control Up to Eight Sets of Modules
- Compact—Perfect for Bedside Table

Four dual-function buttons let you control up to eight sets of remote modules, shown at right. You can dim/brighten lights and turn appliances on and off all over your home from one convenient location. All-lights-on and all-lights-off control doubles as a panic alert. 61-2677

1295



Universal Interface

(1) Allows a contact switch, photocell, sensor or alarm system to activate remote modules. Plugs into AC outlet, sends signal to modules shown at right. Has lights-on, flashing or all-on modes. 61-2687

Sounder/Actuator

(2) “Beeps” and can activate a telephone autodialer or complete the circuit on an alarm or control system. 61-2688



Remote Modules

(1) On/Off Appliance. 15A resistive, 1/3 HP motor, 500W incandescent, 400W TV. 61-2681 **12.95**
 Universal Appliance. As above, with 3-prong plug and socket. 61-2684 **13.95**
 Lamp Dimmer. 300W incandescent. 61-2682, **12.95**
 (2) Wall Outlet. One remote outlet, one standard. 1800W. 61-2685 **15.95**
 (3) 3-Way Wall Switch. Dims/brightens. Push-button override. Incandescent 300W. With companion switch. 61-2686 **15.95**
 Wall Switch. Replaces std. sw. 61-2683 **12.95**

ADD EXTRA SECURITY TO YOUR HOME

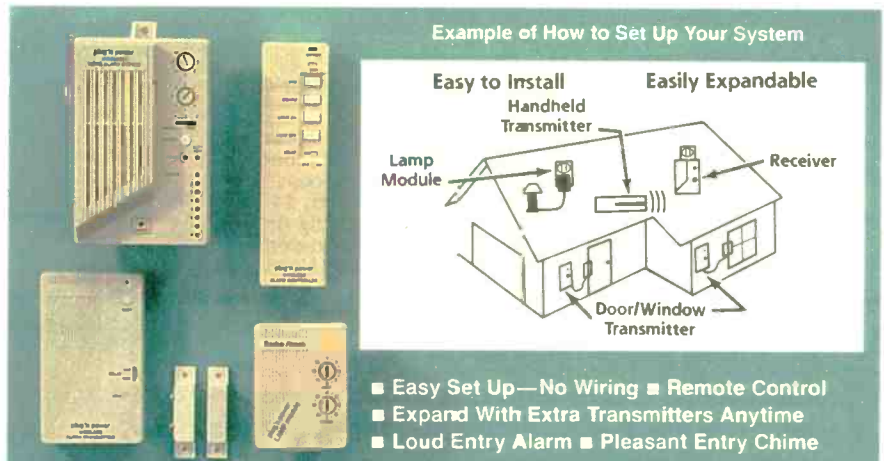


Floodlights not included

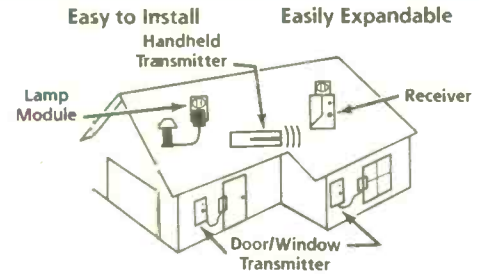
Plug 'n Power Dual-Floodlight System With Remote Switching

Turns on Floodlights—And Indoor Lights—When it Detects Motion

Gives your home a "lived-in" look when you're away. You can set this system to turn on selected indoor lights at dusk and other lights when motion is detected. No wiring is required for indoor lighting control—just add our Plug 'n Power remote modules shown on the facing page. You can also control the floodlights manually with any of the Plug 'n Power controllers. Weather-resistant fixture is easy to install on outdoor electrical box. System handles up to 500 watts of incandescent or halogen lighting. **49⁹⁵** (TSP available) 61-2604



Example of How to Set Up Your System

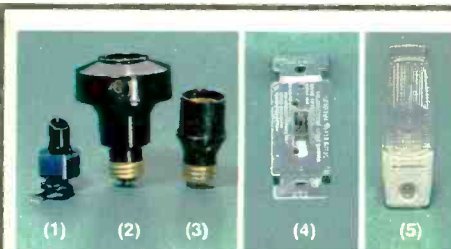


- Easy Set Up—No Wiring
- Remote Control
- Expand With Extra Transmitters Anytime
- Loud Entry Alarm
- Pleasant Entry Chime

Plug 'n Power Supervised Security System

Two systems in one—includes everything you need for extra security and convenient remote control around your home. Use the handheld transmitter to arm/disarm the security system and control a lamp connected to the included module. Add remote modules, shown on the facing page, to automate up to 16 sets of indoor/outdoor lights and appliances. Expand the system anytime with extra door/window and handheld transmitters. When armed, receiver sounds a loud 85 dB siren and signals modules to flash lights for four minutes when door/window transmitter is tripped. When disarmed, a pleasant chime sounds. System supervises itself—door/window transmitters give status reports to receiver every 90 minutes. LED indicators on receiver show whether door/window is open or closed, and warn if transmitter's battery is weak. Connect up to 16 door/window transmitters for total home security. Selectable instant/delay alarm modes. Battery backup preserves all programmed transmitter codes for up to 12 hours in case AC power fails. Backup and transmitters each require 9V battery. (TSP available) **79⁹⁵** 61-2611

Extra Door/Window Transmitter. 61-2612 **14.95**
Extra Handheld Transmitters. Available on special order (CMC).



Auto* & Manual Light Controls

*On at Dusk, Off at Dawn

- (1) Automatic for Lamp Post. Fits 3/8" or 1/2" knockouts. 61-2777 **7.49**
- (2) Automatic Outdoor. For incandescent bulb, 150W max. Fits PAR light socket. 61-2775 **9.95**
- (3) Automatic In/Outdoor. Fits most lamps and fixtures. Rated 150W incandescent. 61-2776 **7.95**
- (4) Manual Lighted Toggle Dimmer Switch. 61-2693 **8.95**
- (5) Automatic Night Light. Brightens as darkness increases. Off at dawn. 61-2646 **4.95**



Detects Motion

"Smart" Indoor Light Socket

Screw into socket, then screw in bulb—it's that easy. Senses your approach and automatically turns on light. Detects motion in all directions up to 15 feet away and turns off after four minutes of no movement. Saves electricity. Great for lighting garages, attics, basements, utility rooms and stairways. Works in any light level. Uses standard 25 to 100 watt incandescent bulb (not incl.). UL listed AC. (TSP available) 61-2770 **29⁹⁵**



Floodlights not included

Light Entry Or Driveway

Outdoor IR Dual Floodlight

Turns lights on automatically when it detects body heat or motion. Dual floodlights surprise intruders, provide light for the safety of family and guests. Features light-sensitivity and range controls. Can be adjusted so lights remain on for 15 minutes after activation. Ideal for mounting above garage, porch, entry or on house corners. Weather-resistant. Easy to install on standard box. UL listed AC. (TSP available) 61-2603 **39⁹⁵**

SAFE HOUSE® 24-HOUR HOME SECURITY

Burglar and Fire Alarm Center

Protect yourself and your home with this easy-to-install perimeter/interior alarm and fire detection system. The control center's four independently operated trigger "loops" permit selectable zones of protection. A supervised, 24-hour fire alarm loop alerts you of smoke or fire instantly. An additional 24-hour protection loop can be connected to alert you of tampering. Or hook up a panic button to sound alarm whether system is armed or not. Variable entry delay up to 40 seconds and exit delay up to 45 seconds. Magnetic switches, smoke, temperature, motion and other sensors may be added anytime. The system can even activate an emergency phone auto-dialer. Step-down transformer reduces 120VAC to 12VDC for safety. 13 x 9 1/2 x 3 3/4". UL listed AC. Backup requires two 6V batteries, below. **169⁹⁵** (TSP available) 49-470, Low As \$15 Per Month
6V Rechargeable Battery. 23-181 Each 10.95



Typical Alarm System

Alarm Control Center, 49-470
 100 Feet of Wire, 278-860
 System Smoke Alarm, 49-481
 High-Power Siren, 49-525
 Digital Keypad, 49-535
 Magnetic Switches (4), 49-495
 Vibration Detector, 49-521

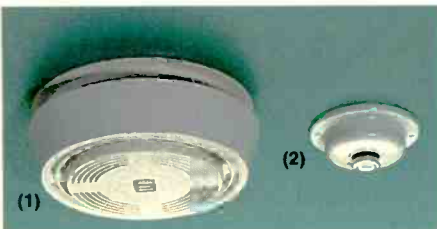
Burglar Alarm Control Center

"Pro" perimeter protection! Design your security system around alarm bells, sirens, strobes, key locks, vibration and glass-breakage detectors or motion sensors. Two alarm "loops"—one instant, one with adjustable 0-45 second entry/exit delays. Add up to 10 arm/disarm key switches. There's even a 24-hour panic switch circuit. Safe low-voltage transformer plugs into 120VAC. Automatic battery backup in case AC fails. Four LED status indicators. Power-on and arm/memory LEDs assure system is armed and ready. Loop indicator shows if any window or door is unprotected. Battery and bell test buttons. Rugged all-steel control center. 11 7/8 x 8 1/4 x 3 9/16". UL listed AC. Backup system requires two 6V batteries, below. (TSP available) **99⁹⁵** 49-450 Low As \$15 Per Month
6V Rechargeable Battery. 23-181 Each 10.95



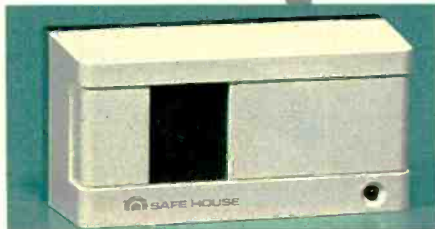
Typical Alarm System

Alarm Control Center, 49-450
 100 Feet of Wire, 278-860
 Electronic Siren, 49-488
 Lock and 2 Keys, 49-523
 Magnetic Switches, 49-495
 Remote Key Plate, 49-524



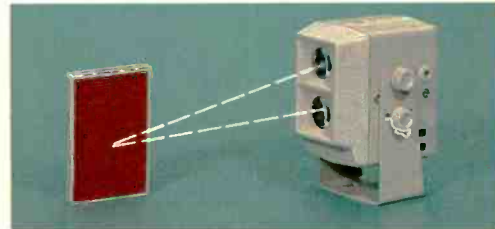
Smoke and Heat Detectors

- (1) **Smoke Sensor.** Monitors for smoke or combustion particles. Four-wire hook-up. Powered by control center. Built-in alarm. 5 1/4" dia. x 2". UL listed. 49-481 **37⁹⁵**
 (2) **135° Heat Sensor.** Use in areas not suited for smoke sensor. 49-482 **6⁹⁵**
 (2) **190° Sensor.** For attics, furnace rooms and garages. 49-483 **6⁹⁵**
 These sensors work only with 49-470 or similar system



Infrared Motion Sensor

Infrared sensor detects intruders by sensing body heat—instantly alerts alarm system. Dual-element design extends security coverage zones and helps prevent false alarms. Built-in tamper switch. Walk-test LED determines area covered by sensor. Designed for 49-450 and 470 alarm control centers. Includes necessary mounting hardware and easy-to-follow instructions. Requires 12VDC at 20 mA. UL listed. 49-531 **59⁹⁵**



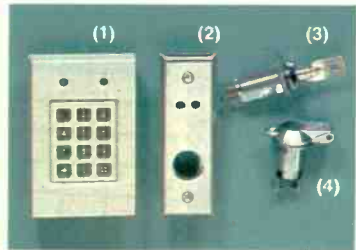
Infrared Photorelay Sensor

One-piece receiver/transmitter is an important part of any customized home security system. Projects an invisible, pulsed beam of infrared light to the beam reflector which you can place up to 30 feet away, such as across a doorway, garage door or other entranceway. When beam is broken, the sensor instantly alerts your alarm system. Includes all mounting hardware and easy-to-follow instructions. Requires 12VDC at 60mA from your alarm system. UL listed AC. 49-551 **37⁹⁵**

CUSTOMIZE YOUR SECURITY SYSTEM

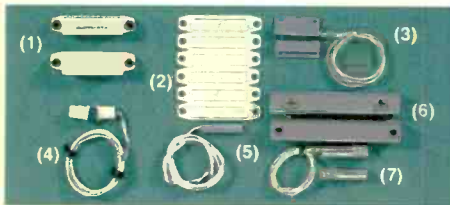
Security Auto-Dialer

Protect your loved ones. Dialer can be triggered by an alarm system or by the touch of a button. Automatically dials up to three numbers in sequence and plays your prerecorded message to alert police, fire, physician or anyone you choose in an emergency. Features large, easy-to-find "panic" button. Has monitor switch, built-in mike, message-is-playing and battery-check LEDs. Battery-backup system in case AC power fails. Works on any pulse or tone line. UL listed AC. Backup requires 3 "AA" and 4 "C" batteries. FCC registered. 2 $\frac{3}{4}$ x 9 x 6 $\frac{3}{4}$ " 49-433 **99⁹⁵**
Low As \$15 Per Month



Locks and Key Switches

- (1) Digital Keypad. 10-16VDC at 70 mA. UL listed. 49-535 **22.95**
- In-Wall Mounting Box. For above. 279-341 **2.59**
- (2) Remote Key Plate. 6 or 12VDC. 49-524 **6.95**
- (3) Momentary-Contact Lock Switch. For 49-450, 49-470. 49-523 **9.95**
- (3) Locking-Contact Switch. 49-511, 9.95
- (4) Locking Switch With Cover. Two keys. 49-515 **4.79**



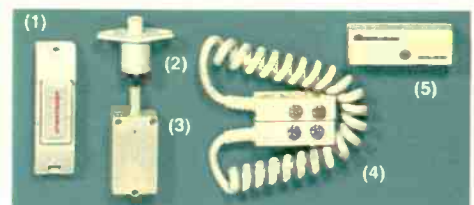
Door and Window Contacts

Fig.	Description	Cat. No.	Each
1	Door/Window Switch (N.C.)	49-495	3.59
-	Door/Window Switch (N.O.)	49-512	5.19
2	Spacers (for above)	49-519	Pkg. 6/1.29
3	Mini Magnetic Switch (N.C.)	49-497	3.99
4	Press-Fit Switch (N.C.)	49-505	5.99
5	Concealed Magnetic Switch	49-496	3.99
6	Wide-Gap Switch (N.C.)	49-499	6.29
7	Threaded Magnet Switch	49-503	6.99



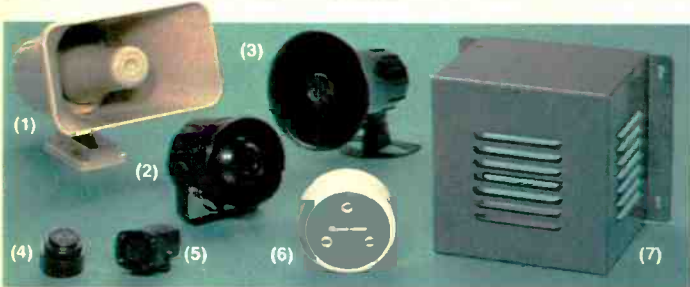
Foil, Contacts and More

- (1) Foil. Connects to alarm and glass. Self-adhesive 120 foot x $\frac{3}{8}$ inch roll. 49-502 **6.19**
- (2) Self-Adhesive Foil Connectors. Just the thing for professional-type installation. UL listed. 49-504 **3 Pair/2.59**
- (3) Foil/Vibration Sliding Window/Door Contact. Mount half on window or door, other half on frame. Allows normal door/window use. UL listed. 49-518 **3.99**
- (4) Glass Breakage Detector. Guards up to 32 sq. ft. For open or closed circuits. UL listed. 49-516 .. **7.95**



Alarm System Accessories

- (1) Panic Switch. Normally open (unpressed). UL listed. 49-517 **1.49**
- (2) Contact Switch. For window or door frame. Normally closed (pressed). With hardware. UL listed. 49-513 **1.29**
- (3) Tamper Switch. Normally open (pressed). UL listed. 49-528 **1.59**
- (4) Jumper Cord. Perfect for adding protection to doors with decorative glass. 49-548 **4.19**
- (5) Vibration Detector. Adjustable sensitivity. For normally closed loops. UL listed. 49-521 **3.95**



Security System Sirens, Buzzer and Enclosure

Fig.	Description	DC Volts/Amps	Cat. No.	Each
1	High-Power 2-Sound Siren	6-12/1	49-525	41.95
2	High-Efficiency 2-Sound Siren	12/0.33	49-487	22.95
3	Indoor/Outdoor 2-Sound Siren	12/0.5	49-488	19.95
4	Piezo Buzzer (Pre-Alarm)	4-28/0.2	273-068	7.95
5	High-Efficiency Siren	12/0.24	49-489	10.95
6	Indoor 2-Sound Siren	12/0.36	49-490	12.95
7	Siren Enclosure	---	49-486	12.95



Strobe Light, Decals, Wire and Interface

- (1) Strobe Light. Helps emergency vehicles find your home. Requires 12VDC at 0.2 amp. 49-527 **21.95**
- (2) Warning Decals. Vinyl adhesive. 49-507 **Pkg. of 4/1.19**
- (3) 100-Foot 2-Conductor Twisted Wire. 278-860 **5.99**
- (4) 300-Foot 2-Conductor Wire. 278-861 **17.49**
- 100-Foot 6-Conductor Cable. Minimizes the number of installation cables. 278-374 **14.95**
- (5) Universal Plug 'n Power® Interface. Expands the capability of your alarm system (see pg. 142). UL listed AC. 61-2687 **19.95**

HOME PROTECTION BY SAFE HOUSE®



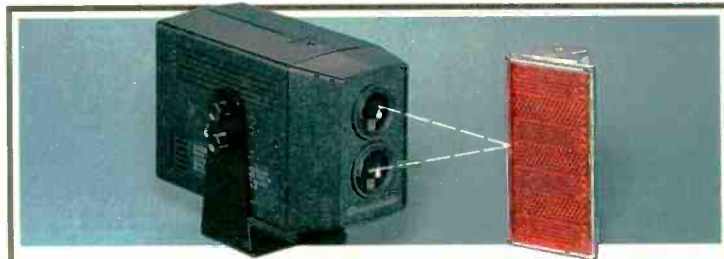
Infrared Motion Alarm System

Perfect for apartments and small homes. Sensitive alarm detects motion and body heat within a 20 x 30-foot "cone of protection." Walk-test LED to define protection area. Alarm resets after 5 minutes. Has entry and exit delay. Terminals for adding external alarm, remote arm/disarm switch, security dialer. 3 3/4 x 10 1/2 x 8 1/4". Automatic backup requires 8 "C" batteries. UL listed AC. (TSP available)
49-308 Low As \$15 Per Month **99⁹⁵**



Ultrasonic Motion-Sensing Alarm

Uses sophisticated ultrasonic sound field to protect a 20 x 30-foot area in your home. Loud internal alarm can be set to sound instantly when motion is detected, or be programmed for a 15-second entry or 20-second exit delay. Alarm auto-resets after five minutes of operation. Has adjustable sensitivity control. Terminals for adding an external sander, remote on/off switch, backup 12V lantern battery.
2 3/4 x 9 1/2 x 8 1/4". UL listed AC. 43-303 **59⁹⁵**



Infrared Photorelay Alarm

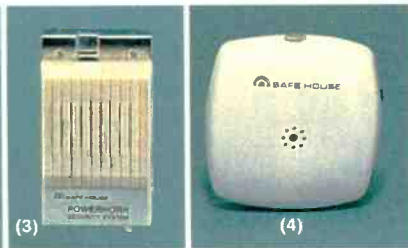
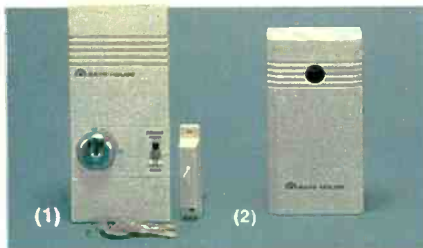
Receiver/transmitter fires an invisible beam of light to reflector (up to 50 feet away), which bounces it back. Built-in buzzer sounds if beam is interrupted. LED test alignment indicator and adjustable sensitivity control. Has provisions for adding a battery backup (requires external 12V lantern battery), strobe, bell, siren or auto-dialer. May be used with a central alarm system. Comes with an adjustable mounting bracket. 4 1/8 x 3 x 7 1/4". UL listed AC. 49-307 **69⁹⁵**



Door Alarm and Entry Chime

- Built-In Security Code
- Arms With Keyboard Code
- Timed Entry/Exit Delay
- No Wiring Required

Provides an inexpensive alarm protection for your home or office. Has a built-in loud piercing alarm to warn against intruders, plus a pleasant-sounding chime that announces a visitor's entry. Change three-digit security code as needed. Simple do-it-yourself installation. Magnet and all mounting hardware included. 6 5/8 x 2 3/4 x 1 1/4". Requires 9V alkaline battery. 49-422 **24⁹⁵**



Personal Security Devices for Your Home

(1) **Electronic Door or Window Alarm.** Key-operated on/off switch. Entry/exit delay. 5 1/8 x 2 1/4 x 1 1/4". Requires 9V alkaline battery. 49-421 **11⁹⁵**

(2) **Motion-Sensing Alarm.** Auto-resets after one minute. 4 1/4 x 2 1/4 x 1 1/8". Requires 9V battery. 49-419 **11⁹⁵**

(3) **Powerhorn® Jr. Alarm for Window/Door.** Protect yourself and your home! Loud built-in alarm. Requires 2 "AA" batteries. 49-494 **3⁶⁹**

(4) **Drawer/Cabinet Alarm.** Light sensitive. "Beeps" whenever drawer is opened. Requires 9V battery. 49-615 **6⁹⁵**

Ionization-Type Smoke Alarm

Sensitive detector responds to any smoke or invisible products of combustion by sounding built-in alarm. Pushing "test" button silences alarm. If smoke or fire is still present, unit will "beep" every minute. Heavy smoke overrides reset to sound continuously. Use several for maximum safety. 5 1/4 dia. x 2". With hardware. Includes 9V battery. UL listed. 49-458 **15⁹⁵**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

24 WAYS TO BRIGHTEN EVERYTHING UP



Halogen Searchlight

NEW! Brilliant handheld searchlight with an incredible 750,000 candlepower output! The perfect emergency light that pierces rain, fog and snow. Computer-designed 7" diameter parabolic reflector throws a bright, solid beam. Plugs into any 12VDC power source such as car or boat cigarette lighter receptacle. Includes 15-foot heavy-duty coiled cord. **29⁹⁵** 61-2505



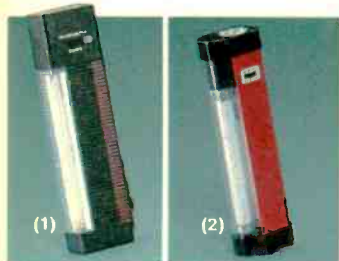
Krypton ENERLITE®

NEW! It's a rugged, heavy-duty light with a super-bright krypton bulb to provide greater illumination. Rust-resistant anodized aluminum case with twist-ring to quickly adjust beam from spotlight to floodlight. Textured handle for non-slip gripping. Ideal for home, car, toolbox—anywhere you need a dependable light. Requires 3 "D" size alkaline batteries. **24⁹⁵** 61-2537



Rechargeable Flashlight

NEW! Always charged and ready to work anytime! It's a small, handheld rechargeable flashlight that plugs directly into an AC outlet and automatically comes on during an AC power failure. Handy addition to any kitchen or garage. Built-in charger, nickel-cadmium batteries, retractable AC prongs. Includes a convenient wrist strap and belt clip for easy carrying. **14⁹⁵** 61-2545



Fluorescent Lamps

(1) **3-in-1 Search/Area/Warning Light.** Also use as a handheld flashlight. Includes a 12VDC car adapter cord. Requires 4 "D" batteries. **14⁹⁵** 61-2739
 (2) **Mini 2-in-1 Flashlight.** Small enough to pack anywhere! Lamp and beam light. Requires 3 "C" batteries. **7⁹⁵** 61-2734



Halogen-Bulb Flashlight

Our best—much brighter than ordinary flashlights! Designed for durability, its water-resistant housing and lens are virtually unbreakable. With pushbutton-type switch. Keep one for your car, boat, home or take camping with you. Comes complete with two alkaline ENERCELL "D" batteries. **11⁹⁸** 61-2737



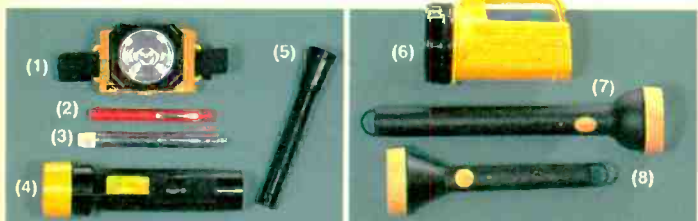
Bicycle Flashlight

NEW! Increases night-time visibility to pedestrians, motorists and other bicyclists! Mounts easily on handlebars—quick-release switch lets you detach light for portable use. Super-bright krypton bulb. Weather-resistant, with hardware. Requires 2 "C" batteries. **6⁹⁵** 61-2511



Rechargeable Lantern

Two lights in one! It's a safety light—comes on automatically when AC fails. Remove it, and it's a powerful lantern—one charge lasts up to two hours. Stores in wall socket. Swivel head puts light where you need it, when you need it. Built-in charger and rechargeable nickel-cadmium batteries. **21⁹⁵** 61-2741



Sturdy and Durable Economy Flashlights

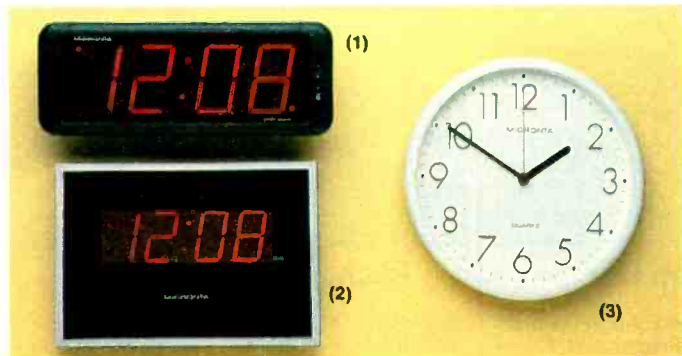
Fig.	Description	Batteries Required	Cat. No.	Each
1	Hands-Free Headband	2 "AA"	61-2510	4.39
2	Disposable Clip Light	Built-In	61-2625	1.99
3	Pocket Penlite w/Clip	2 "AA"	61-2626	2.39
4	Heavy Duty "D" Cell	2 "D"	61-2639	2.29
4	Heavy Duty "C" Cell	2 "C"	61-2641	2.29
5	Aluminum Pocket Krypton	2 "AA"	61-2736	9.95
6	Lantern w/Krypton Bulb	6V Lan.	61-2521	5.99
7	Five-Cell Worklight	5 "D"	68-1022	1.98
8	Four-Cell Worklight	4 "C"	68-1040	1.98



More Bright Ideas! ENERLITE Flashlight Values

Fig.	Description	Batteries Required	Cat. No.	Each
1	Penlite w/Krypton Bulb	2 "AAA"	61-2536	8.99
2	New! Pocket High-Power Enerlite Combo	3 "AAA" for Set	61-2513	14.99
3	Rugged Halogen Lantern	4 "D"	61-2525	9.99
4	"D" Cell w/Krypton Bulb	2 "D"	61-2540	4.99
5	Adjustable Focus w/Krypton Bulb	3 "D"	61-2541	5.99
6	Rotating Head Flasher w/Krypton Bulb	2 "AA"	61-2515	3.49
7	Flasher w/Krypton Bulb	4 "AA"	61-2535	7.99

MICRONTA® QUARTZ-ACCURATE CLOCKS



Hang Around With These Smart Wall Clocks

NEW! (1) **Jumbo LED for Wall/Desk.** Dramatic styling—looks sensational in office or home. Giant 2½" display can be read from up to 50 feet or farther. Switchable 12/24-hour display. High/low brightness control. LED p.m. indicator. Detachable power cord plugs into the back of clock, makes it easy to hide cord behind wall. Built-in desk stand. 4 x 11 x 1¾". UL listed AC adapter. **63-808 299⁹⁵**

(2) **Digital LED for Wall/Desk.** Oversize 1.8" display can be read from across the room. Great for ham shack or computer room, it has a switchable 12 or 24-hour display. Dramatic styling with chrome finish and black face. Mount on wall or use the built-in desk stand. LED p.m. indicator. 6⅝ x 9¾ x 2⅛". UL listed AC. **63-805 229⁹⁵**

(3) **Modern Wall Clock.** Stylish update on a classic design has made this a popular choice for thousands of kitchens, offices and stores. Fits almost any decor. Battery powered—mounts almost anywhere. 9" diameter, 1½" deep. Requires "AA" battery. **63-806 129⁹⁵**



Quartz-Accurate Digital Alarm Clocks

(1) **Uniquely Styled LED Display.** The clock that's ahead of its time. Large 0.9" digits with high/low dimmer. Snooze control, p.m. indicator and 24-hour alarm. 3¾ x 4⅞ x 4¾". UL listed AC operation. **63-756 149⁹⁵**

(2) **Jumbo LED Display.** Oversize 1.8"-high numerals are easy to read from across the room. Features a switchable 24-hour alarm, 12/24-hour display and snooze bar. 4 x 7⅞ x 2½". UL listed AC operation. **63-766 249⁹⁵**

(3) **Green LED Display.** Green 0.6" display is soothing to the eyes. Has alarm-on and p.m. indicators, snooze control, 24-hour alarm and easy-set controls. 2⅛ x 5 x 3". UL listed AC operation for safety. **63-757 139⁹⁵**

(4) **Jumbo Green LED Display.** Large 0.9" green LED is easy to read from across the room. Built-in night light with high-low/off dimmer switch, 24-hour alarm and p.m. indicator. 2¾ x 5⅝ x 2½". UL listed AC. **63-759 199⁹⁵**

(5) **Blue Fluorescent Display.** Bright 0.6", switchable 12 or 24-hour display that automatically adjusts to room light level. Snooze control, 24-hour alarm-on and p.m. indicators. 2⅛ x 5½ x 3". UL listed AC. **63-753 199⁹⁵**

(6) **LED Display.** Our lowest priced LED alarm. Bright 0.6" display with p.m. and 24-hour alarm LED indicators. Has a snooze control for catching those extra winks in the morning. 2¼ x 4½ x 2¾". UL listed AC. **63-758 99⁹⁵**




We "Tell" Time

Digital Talking Clocks—It's About Time

NEW! (1) **VoxClock®-2.** This alarm clock actually speaks! Its electronically synthesized voice announces the time hourly or at a touch of the button. LCD display and easy-set controls make time and alarm setting quick and easy. Features 24-hour alarm, switchable 12/24-hour mode and high/low voice volume control. A thoughtful gift for friend or relative with impaired vision. Walnut-grain finish. 2¾ x 27⅞ x 27⅞". Requires 2 "AA" batteries. **63-904 399⁹⁵**

(2) **VoxClock-3 With Display.** Announces the time when alarm sounds, or time, month and date when you tap the button. Features "his" and "hers" wake-up times, switchable voice or chime alarms with a different melody for each alarm, 0.9" LED display, snooze button, dimmer switch and volume control. Forward/reverse controls make setting time and alarms fast and easy. Dual alarm LED indicators. 2 x 6 x 5". UL listed AC. Backup requires 7 "AA" batteries. **63-906 499⁹⁵**



Battery Backup/Battery Sentinel®
All AC-powered clocks have backup which powers clock, without display for up to eight hours and operates alarm for 10 minutes. Indicator LED warns if battery is weak or missing.

BATTERY BACKUP IN ALL AC-POWERED CLOCKS, EXCEPT 63-906, REQUIRES A 9V BATTERY (NOT INCLUDED)

THEY'RE ALL-ELECTRONIC—NICE TIMING!



Our Exclusive Micronta Watches—Nationally Famous for Accurate Timekeeping

(1) **VoxWatch®.** Synthesized voice announces the time hourly or at the touch of a button. Alarm announces time, then plays wake-up melody. LCD shows time, month, date, day of week. Built-in stopwatch. With four RS393 batteries. 63-5040 **49⁹⁵**

NEW! (2) **Analog/Digital Alarm Watch.** Water resistant to 100 feet. With SR927W battery. 63-5067 **27⁹⁵**

(3) **Analog.** Water resistant to 150 feet. Day/date display. Sweep second hand. Includes RS399 battery. 63-5065 **19⁹⁵**

(4) **Dual-Display Digital.** Displays time in any two time zones. Water resistant. With CR2016 battery. 63-5061 **14⁹⁵**

(5) **LCD Chronoalarm.** Displays month/day/time or use as a stopwatch. Water resistant to 100 feet. Has 24-hour alarm, hourly chime, calendar. With RS392 battery. 63-5057 **14⁹⁵**

NEW! (6) **Large LCD Display.** Calendar, 24-hour alarm. Water resistant. With RS392 battery. 63-5064 **9⁹⁵**

(7) **Lady's Sports Watch.** Classic dial. Water resistant to 100 feet. Second hand. Includes RS377 battery. 63-5066 **19⁹⁵**

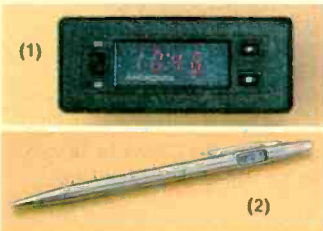
(8) **LCD Calculator Watch.** LCD displays time/date. Has 24-hour travel alarm. Features 4-function, 8-digit calculator for problem-solving on the go. With RS389 battery. 63-5059 **12⁹⁵**



LCD Quartz Stopwatches

(1) **9-Lap Memory.** Times to 23 hrs., 59 min., 59 sec. and ⁹⁹/₁₀₀ sec. With neck cord and CR2016H battery. 63-5012 **24⁹⁵**

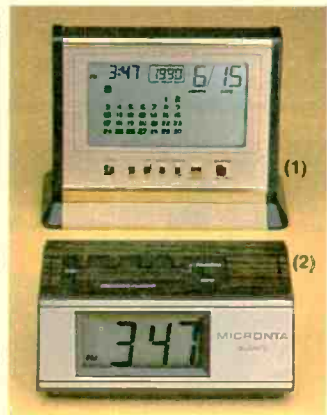
(2) **Professional.** Times to 9 hrs., 59 min., 59 sec. and ⁹⁹/₁₀₀ sec. Includes neck-cord and RS357A battery. 63-5010 **19⁹⁵**



Handy Time Travelers

(1) **LED Mini Car Clock.** Mounts in or under dash. 1 1/2 x 3 1/2 x 1 3/8". 12VDC pos./neg. gnd. 63-833 **17⁹⁵**

(2) **LCD Digital Watch Pen.** Displays time, date. Uses standard refill. With RS392 battery. 63-5077 **5⁹⁵**

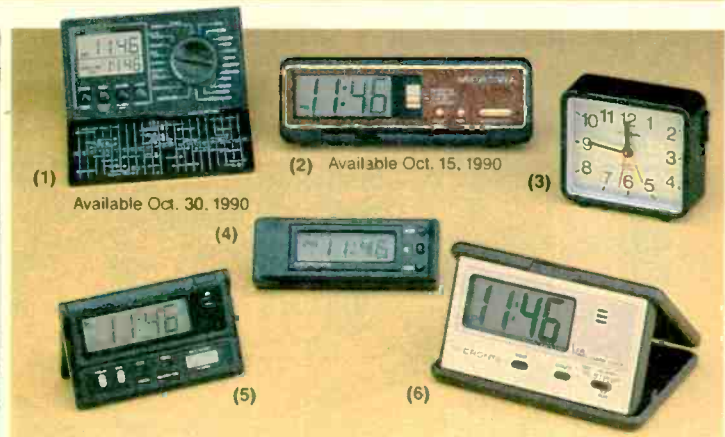


Desk Alarm Clocks

■ Battery Powered

NEW! (1) **LCD Full Screen Calendar/Clock.** Just a glance informs you of the time, date and day of the week. Features snooze control button and 24-hour alarm. 3 3/8 x 4 1/2 x 2 1/4". Includes RS357A battery. 63-761 **24⁹⁵**

(2) **Big LCD Display Clock.** Large 0.7" numerals can be read from across the room. 24-hour alarm, snooze, easy-to-set time and alarm controls, p.m. indicator. Illuminated display. Walnut-grain finish. 1 7/8 x 4 x 2 5/8". Requires "AA" battery. 63-745 **12⁹⁵**



Time to Go! Battery-Powered Travel Clocks

NEW! (1) **LCD World Time.** Instantly know the time in any of 20 major cities around the globe. Switchable 12/24-hour mode. 24-hour alarm. 2 1/4 x 3 1/2", folds to 5/8". Includes RS76 battery. 63-710 **19⁹⁵**

NEW! (2) **LCD Traveller Alarm With Extra-Large Numerals.** Features snooze button, 24-hour alarm, alarm-on and p.m. indicators. 1 1/2 x 4 7/8 x 3/4". Requires three "AA" batteries. 63-709 **13⁹⁵**

(3) **Mini Analog Travel Alarm.** Luminous hands, 24-hour alarm and a handy carry pouch. 2 1/4 x 2 1/4 x 1 1/8". Requires "AA" battery. 63-716 **11⁹⁵**

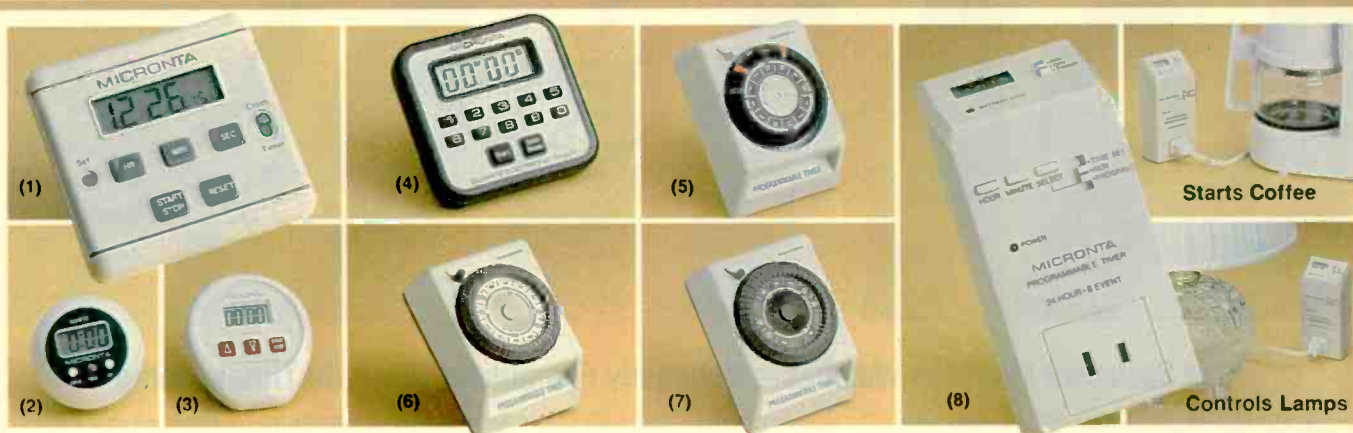
(4) **LCD Anywhere® Clock.** Stick-on almost anywhere! Includes slide-in bracket. 1 1/4 x 3 1/4 x 5/8". With RS357 battery. 63-836 **10⁹⁵**

(5) **Micro LCD Travel Alarm.** Just the thing for your overnight bag. Backlight display, 24-hour alarm, alarm-on indicator and snooze control. And it's only 1 3/4 x 3 x 1/4". Includes RS357A battery. 63-706 **12⁹⁵**

(6) **Deluxe LCD Travel Alarm.** The perfect backup for wake-up calls. Snooze control, backlight, alarm-on and p.m. indicators. 4 x 2 3/8", folds in protective case to just to 1/2" high. With LR43 battery. 63-708 **17⁹⁵**

NOW OVER 7000 RADIO SHACK STORES AND DEALERS IN THE USA—WE'RE NEAR YOU

HOUSEHOLD CONVENIENCE AND FUN



Clocks & Timers Make Great Reminders and Handy Lamp/Appliance Controllers

NEW! (1) Handy Up/Down LCD Timer. Times to 99 min., 59 sec. Counts up/down 23 hrs., 59 min., 59 sec. With RS76 battery. **14⁹⁵**

(2) Stick-On Mini LCD Clock/Calendar/Timer. Times to 15 minutes. With RS357A battery. **3⁹⁹**

(3) Pocket/Magnetic-Mount LCD Timer. Times up to 99 min., 59 sec. With RS357A battery. **10⁹⁵**

(4) Pocket LCD Timer. Accurately times up to 99 minutes, 59 seconds. Fold-down stand and pocket clip. With RS357A battery. **63-880 14⁹⁵**

(5) Mini Cordless Plug-In AC Timer. It plugs directly into wall AC outlet. Lets you control a lamp or appliance on a 24-hour cycle. Two on/off settings daily. Maximum 21½ hours on. 3¾ x 2¾ x 17/8". Rated to 15 amps. UL listed. **63-862 7⁹⁵**

(6) Tabletop Multiprogram 24-Hour AC Timer. Control one lamp or appliance with 24-hour repeating cycle. Features 12 on/off settings daily. Has conventional override control. 17/8 x 2¾ x 37/8". Rated to 15A. UL listed. **63-865 14⁹⁵**

(7) Plug-In Multiprogram AC Timer. Features up to 12 hourly on/off cycles daily. Override. 37/8 x 2¾ x 17/8". Rated to 15A. UL listed. **63-864 9⁹⁵**

Convenience Plus Security

(8) Eight-Event, 24-Hour LCD AC Timer. Makes people think you're at home when you're not! Program up to four on/off daily settings. Select a "fixed time" setting to start your coffee in the morning or turn on a light before you get home at night. LCD clock display. Rated 15A. UL listed. 5½ x 2½ x 1¾". Requires "AA" battery for memory backup. **63-891 22⁹⁵**

Starts Coffee

Controls Lamps



Enhance Your Nintendo Games



The Easy Way to Make a Point!

Add-On Competition Joysticks

- Non-Slip Rubber Suction Cups on Base For Easy Tabletop Operation

(1) Joystick/Enhancer for Nintendo. Improve your game—and your fun! Just slip standard Nintendo controller inside the Enhancer docking port for rocket-aircraft style control. A and B selectors. **270-1706 14⁹⁵**

(2) Super-Deluxe Competition Joystick for Nintendo. Two "fire" buttons—thumb or "trigger"-style. "Autofire" releases a stream of "bullets". **270-1704 17⁹⁵**

Arcade-Performance Joysticks

(3) Joystick for Apple/IBM. High-speed auto-firing, free-floating or auto-centering modes. Has 15 and 9-pin connectors. IBM XT, Apple IIe/c compatible. **270-1707 24⁹⁵**

(4) Super-Deluxe Competition Joystick. Top gun! Two "fire" buttons on handle, high-speed auto-fire control. For many Atari, Sears, NEC and Commodore games. Six micro-switch actuators. **270-1703 14⁹⁵**

(5) Jet Fighter-Style Joystick. For games above. 9-pin connector. **270-1701 10⁹⁵**
10-Ft. Ext. Cord. For 4, 5. **270-1705 5.49**

Cordless Pencil Sharpeners

- Battery Operation—No Cords to Tangle
- Look Terrific on Home or Office Desk

(1) Cordless convenience plus the performance of an AC-powered sharpener. Insert a pencil to sharpen—motor stops automatically when pencil is removed. Requires 4 "AA" batteries. **61-2590 10⁹⁵**

(2) Easy-to-use, safe and built to last—just the pencil sharpener for children. Simulated walnut-grain finish. With spare blades. Requires 4 "C" batteries. **61-2795 3⁹⁹**

MICRONTA® MAKES IT A BETTER LIFE



Now You Can Enjoy Better Health and Better Living, Electronically!

(1) **LCD Blood Pressure Monitor.** One-hand operation. Accurate display of diastolic and systolic pressure and pulse rate. Requires 9V battery. **63-663 49⁹⁵**

(2) **LCD Fever Thermometer.** Accurate readings ($\pm 0.2^\circ\text{F}$) in one minute. Auto-shutoff, high temperature warning. Sterilized covers (available at drugstores) slip onto tip. With RS392 battery. **63-655 9⁹⁵**

NEW! (3) **Biofeedback Stress Monitor.** Electronically detects internal body changes caused by tension—helps you to recognize and control harmful stress. Listen through either speaker or earphone. A high-pitched tone means you're tense and feeling stress. A slow "popping" sound means you're calm and relaxed. Includes earphone. Requires 9V battery. **63-664 13⁹⁵**

(4) **24-Hour Pillbox/Timer.** Handy medication reminder holds your pills—counts down from 23 hours, 59 minutes in 60-second increments. With RS357A battery. **63-881 14⁹⁵**

NEW! (5) **Walk-and-Jog Mate™ Pedometer.** Distance meter accurately measures to 99,999 steps and to 999.99 miles. Large, easy-to-read LCD. With RS386A battery. **63-682 24⁹⁵**

(6) **LED Pulse Monitor.** Earclip sensor measures pulse, which is displayed on monitor. Two-tone beep, warning tone. Mounts on most exercise equipment. Requires 4 "AAA" batteries. (TSP avail.) **63-659 59⁹⁵**

(7) **Walk-Mate™.** Easy-to-use pedometer measures to 99,999 steps. Makes it easy to keep track of your progress. One-touch reset button. With RS386A battery. **63-671 14⁹⁵**



Bicycle Monitor/Computer

■ Easy to Mount on Most Handlebars

NEW! (1) **Micronta BikeMate™.** No serious cyclist should ride without it. Electronically monitors speed, current time, elapsed time and total distance traveled. Even keeps track of your maximum speed so you can chart your progress. Features a large, switchable English/metric LCD display, and calibrates to any wheel size for maximum accuracy. Weather-resistant housing. Mounts and removes easily with the included hardware. Requires 2 "AAA" batteries. **63-644 24⁹⁵**

Indoor and Outdoor LCD Thermometers and Hygrometer

■ Selectable Fahrenheit or Celsius Display

(2) **Dual-Display Thermometer.** Shows both current indoor and outdoor temperatures. Memorizes highs and lows—makes it easier to set heating/cooling system for smarter energy usage. Mounts on wall. $5\frac{3}{16} \times 3\frac{1}{2} \times \frac{7}{16}$ ". Requires 2 "AA" batteries. **63-843 29⁹⁵**

(3) **In/Outdoor Thermometer.** Check the temperature before leaving the house! Switchable in/outdoor display, backlight. Adhesive backing to mount anywhere. $1\frac{7}{8} \times 2\frac{1}{2} \times \frac{1}{2}$ ". With RS357A battery. **63-842 14⁹⁵**

■ Fahrenheit/Celsius Temperature Display

NEW! (4) **Indoor Thermometer/Hygrometer.** Scratchy throat? Itchy? One glance tells you if room humidity isn't "right". Also helps protect sensitive equipment. Measures from -58° to 158° Fahrenheit. Indoor hygrometer displays relative humidity from 25% to 95%. LCD indicates "wet" when humidity exceeds 65% and "dry" when under 45%. Indicates "comfort" when between 45%-65% and temperature is 64° - 72° F. $7\frac{1}{16} \times 3\frac{1}{8} \times \frac{3}{4}$ ". Requires 2 "AA" batteries. **63-844 29⁹⁵**

NOW OVER 7000 RADIO SHACK STORES AND DEALERS IN THE USA—WE'RE NEAR YOU

FUN AND SAFE SCIENCE FAIR® KITS



30-in-1 Project Kit

- Ideal for Beginners
- No Soldering

Learn the basics of electronics as you build a radio, alarm, timer and more. Includes everything needed to build all 30 projects. With earphone. Requires 2 "AA" batteries. 28-161 **14⁹⁵**



AM/FM, Shortwave and VHF Radio Kits

- All Complete With Illustrated Manual and Earphone

- (1) **AM/VHF Project Kit.** Hear police and weather bands on 108-135/148-174 MHz, plus 550-1600 kHz AM. Preassembled tuner. Coil-spring assembly. Requires 9V battery. 28-163 **12⁹⁵**
- (2) **AM/FM Project Kit.** Hear local AM and FM radio stations. Preassembled tuner and volume control. Safe and easy solderless coil-spring assembly. Requires 2 "AA" batteries. 28-175 **12⁹⁵**
- (3) **AM/Shortwave Project Kit.** Listen to broadcasts from distant shortwave or to your local AM radio stations. Receives three bands: 520-1625 kHz; 5.5-10 and 9-16 MHz. Safe, solderless coil-spring assembly. Requires 2 "AA" batteries. 28-176 **12⁹⁵**
- (4) **Crystal Radio Kit.** Plays forever without tubes, transistors or batteries. Like the first radios, a crystal converts RF to audio. Covers standard 550-1600 kHz AM band. 28-177 **6⁹⁵**



130-in-1 Electronic Project Lab Kit

Includes everything you need to discover electronics—the exciting way! Build a radio, AM broadcast station, electronic organ, timer, logic circuits and dozens more fun projects. With built-in speaker, 7-segment LED display, two integrated circuits and rotary controls. Safe, simple coil-spring connections. Fully illustrated step-by-step manual. Requires 6 "AA" batteries. 28-259 **29⁹⁵**



Learn Science, Aeronautics and Physics

- (1) **Science-3 Project Lab Kit.** Discover the exciting and often mysterious world of science. Includes all the apparatus and instructions needed to perform experiments dealing with the laws of mechanics, solar energy and assembly of a microscope that lets you look into the world of microorganisms. 28-189 **19⁹⁵**
- (2) **100-Project Aeronautical Lab Kit.** Learn the exciting history and principles of flight with this comprehensive study of aeronautics. Build a helicopter, flyable model airplane, helium balloon and reusable rocket with parachute recovery system. Lab-type instruction manual contains a wealth of information. 28-196 **19⁹⁵**
- (3) **280-Project Physics Lab Kit.** Have fun learning about laws of physics through experiments dealing with liquids, simple machines, heat, sound, pressure, magnetism and more. Includes pegboard main console and necessary apparatus and instructions to conduct all experiments. Requires 2 "AA" batteries. 28-193 **19⁹⁵**



60-Project Lab Kit

- Start a Great Hobby
- Built-In Electric Motor

Premounted transistors, capacitors, resistors and diodes let you build computer circuits, a radio and more. Built-in buzzer and coil antenna. Includes earphone and manual. Requires 9V and 2 "AA" batteries. 28-256 **21⁹⁵**

USE LONG-LASTING RADIO SHACK ENERCELL® EXTRA-LIFE BATTERIES IN ALL YOUR SCIENCE FAIR KITS

ELECTRONICS FOR KIDS OF ALL AGES



200-in-1 Electronic Project Kit

- Handy Out-Front Controls, Meter, and 2" Speaker
- Learn Basic Electronic and Computer Circuitry

Our biggest and most versatile project kit quickly teaches you how to build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and more. Also includes integrated circuits with "OR," "AND," "NOR" and "NAND" gates that help teach computer fundamentals. All parts are premounted in the molded case. Connect, disconnect and reconnect the circuits as often as you like using the spring-clip connectors—no soldering ever, never anything to clean up afterwards. Includes 108-page manual. Requires 6 "AA" batteries. **28-265** **49⁹⁵**

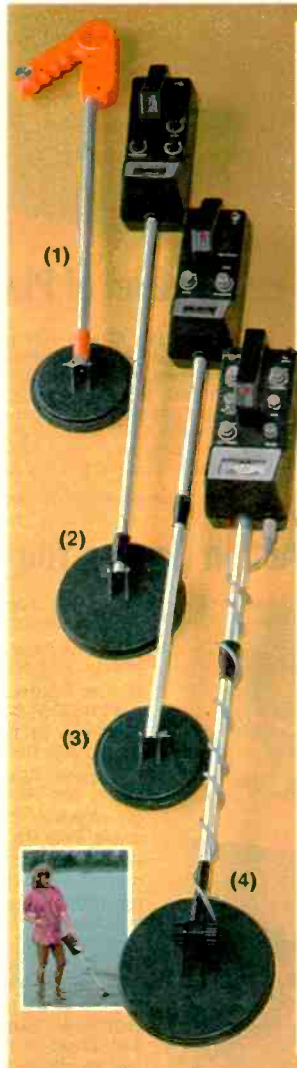


No License Required

Archer Space Patrol® 49-MHz Walkie-Talkies

- Perfect for Backyard Adventures and Campouts

- (1) **Standard.** Buy two or more and talk to your friends or send secret messages in Morse code with the built-in code key—the code alphabet is on the front panel. Includes flexible antenna, on/off switch and handy lock-on talk button. $5\frac{1}{16} \times 2\frac{5}{8} \times 4\frac{1}{4}$ ". Requires 9V battery. **60-4015** **EACH 9⁹⁵**
- (2) **Micro-Thin.** Less than 1" thin! So compact it can easily fit in a shirt pocket and is small enough to go anywhere. Ultrasensitive superregenerative receiver circuit, $1\frac{1}{2}$ " speaker, push-to-talk button and telescoping antenna. Each requires 9V battery. $5\frac{9}{16} \times 1\frac{3}{4} \times 7\frac{1}{8}$ ". **60-4014** **PAIR 18⁸⁸**
- (3) **Headset With "Boom" Microphone.** Leaves your hands free—great for hiking, camping or on the go. Rotary on/off and volume control, headset-mounted antenna and push-to-talk button. $4 \times 2\frac{9}{16} \times 1\frac{7}{8}$ ". Belt clip and adjustable headset. Each requires 9V battery. **60-4016** **PAIR 19⁹⁵**



Strike it Rich! Metal Detectors

(1) **Treasure Finder.** For treasure hunters on a budget! Spots metal up to one-half foot underground. Easy-to-use tuning and fine-tuning controls. The shaft extends to 27". Requires 9V battery. **60-3003** **19⁹⁵**

(2) **"Standard" Detector.** Water-resistant coil has a Faraday Shield to cut false signals and increase results. Ferrous/nonferrous control, meter, $\frac{1}{8}$ " headphone jack. Shaft extends to 24". Requires 6 "AA" batteries. **63-3001** **39⁹⁵**

(3) **Discriminator Detector.** Discriminator-type circuit spots "junk" to avoid needless digging! Has auto-tuning, meter, speaker, $\frac{1}{4}$ " headphone jack. Adjustable shaft extends to 24". Requires 6 "AA" batteries. **63-3002** **59⁹⁵**

(4) **Very-Low-Frequency.** Our best! Special VLF circuitry and 8" waterproof search coil can find valuable items even in highly mineralized ground and shallow water. With auto-tune, sensitivity control, speaker, meter and $\frac{1}{4}$ " headphone jack. Shaft extends to 26 $\frac{1}{2}$ ". Requires three 9V batteries. **63-3003** **89⁹⁵**

Advanced Hobbyists Choose ArcherKit®

- Soldering Required



(1) **25-Range Multimeter.** You'll enjoy building it yourself! Color-coded mirrored scale. 20,000 ohms/volt DC sensitivity. Ranges: DCV, 0-0.6-3-15-60-300-600-1200; ACV, 0-15-60-150-600-1200; DC current, 0-60- μ A-3-30-300mA. Resistance to $R \times 1000$. With test leads. $5\frac{1}{2} \times 3\frac{15}{16} \times 1\frac{7}{8}$ ". Requires "AA" battery. **28-4013** **19⁹⁵**

(2) **8-Range Multimeter.** Pocket-sized. 1000 ohms/volt DC sensitivity. Measures to 1000V, AC and DC, in six ranges. DC current to 150 mA, and resistance to 100,000 ohms. $3\frac{1}{2} \times 2\frac{5}{16} \times 1\frac{1}{8}$ ". Includes color-coded test leads. Requires "AA" battery. **28-4012** **7⁹⁵**

THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU ARE

CHALLENGING FUN TO TEST YOUR SKILL



Computer Chess for Every Level of Player—Entertaining Way to Improve Your Game

Deluxe Fast-Response 1850. Has 16K program with 17 skill levels. Computer displays moves while "thinking". Solves mate-in-10 problems, allows take backs. Long-term memory. Requires 4 "C" batteries or AC adapter. **99⁹⁵**
60-2201 .. Low As \$15 Per Month

Super Deluxe Chess Champion 2150. Our best! Can defeat 98% of all players. Forecasts move sequences. Shows time and depth of search, evaluates position. Long-term memory. Requires 6 "C" batteries or AC adapter. **179⁹⁵**
60-2204 .. Low As \$15 Per Month

Portable Chess 1650. Play anywhere! Easy-to-use sensor board automatically records moves. The computer "coaches" you with move suggestions. Nine skill levels, LED position indicators. Stores unfinished games. Requires 3 "AA" batteries. **49⁹⁵**
60-2187

Tabletop Chess 1650. Sleek sensor board automatically registers all moves. Allows take backs. Nine skill levels for beginners to club players. LED position indicators. Memory stores all unfinished games. Requires 4 "AA" batteries or AC adapter. **69⁹⁵**
60-2194

Budget-Priced LCD Action Games You Can Play Anywhere—Great for Kids of All Ages



- (1) **NEW!** Dinosaurs. Prehistoric excitement! Clock. With RS386A battery. 60-2236 **7.95**
- (2) **NEW!** Raceway. Two skill levels. Clock, sound effects. With RS357A battery. 60-2237 **7.95**
- (3) **Jet Fighter.** Test your skill under enemy fire! With RS386A battery. 60-2231 **12.95**
- (4) **Plane 'n Tank Battle.** Normal/fast speeds. Clock. With RS386A battery. 60-2196 **12.95**
- (5) **Space Alien.** Maneuver your space ship. Clock. With RS386A battery. 60-2230 **12.95**
- (6) **Highway Game.** Drive well to win. Two skill levels. With RS386A battery. 60-2222 **12.95**
- (7) **Tabletop Space Alien.** Built-in alarm. Requires "AA" battery. 60-2232 **14.95**
- (8) **Tabletop Baseball.** Hit homers or strike out at the plate, just like the pros! Built-in alarm clock. Requires "AA" battery. 60-2233 **14.95**
- (9) **Tabletop Football.** Scramble down the field for a touchdown! Alarm clock. Requires "AA" battery. 60-2234 **14.95**
- (10) **NEW!** Turbo Raceway. Use turbo power to pull ahead of the other racers on the obstacle course. Requires "AA" battery. 60-2242 **11.95**
- (11) **NEW!** Kung Fu Game. Battle the fierce warriors! With RS357A battery. 60-2238 **7.95**
- (12) **NEW!** Two-Player Baseball. Choose the pitch, send in a relief pitcher or pinch hitter—you're the coach and the team. Requires 2 "AA" batteries. 60-2241 **24.95**



Fast-Paced, Action-Packed LCD Games

NEW! **Tabletop Dinosaur Attack.** Defeat the robot dinosaur! Four-way control. Built-in alarm clock. Requires "AA" battery. **14⁹⁵**
60-2240

NEW! **Kung Fu Warrior Watch Game.** Kung Fu action in a wrist watch! Exciting sound effects. With RS386 battery. **10⁹⁵**
60-2243

Exciting Electronic Sea Battle Game

It's your navy against theirs—fire electronic salvos at enemy ships hidden on the opposite grid-pattern sea. Electronic sound effects and lights indicate if your missile is a "hit" or a "miss." The last navy with a ship afloat wins the battle! Play four exciting games of military strategy in all. Great fun for all ages. Requires 4 "AA" batteries 60-2193 **29⁹⁵**

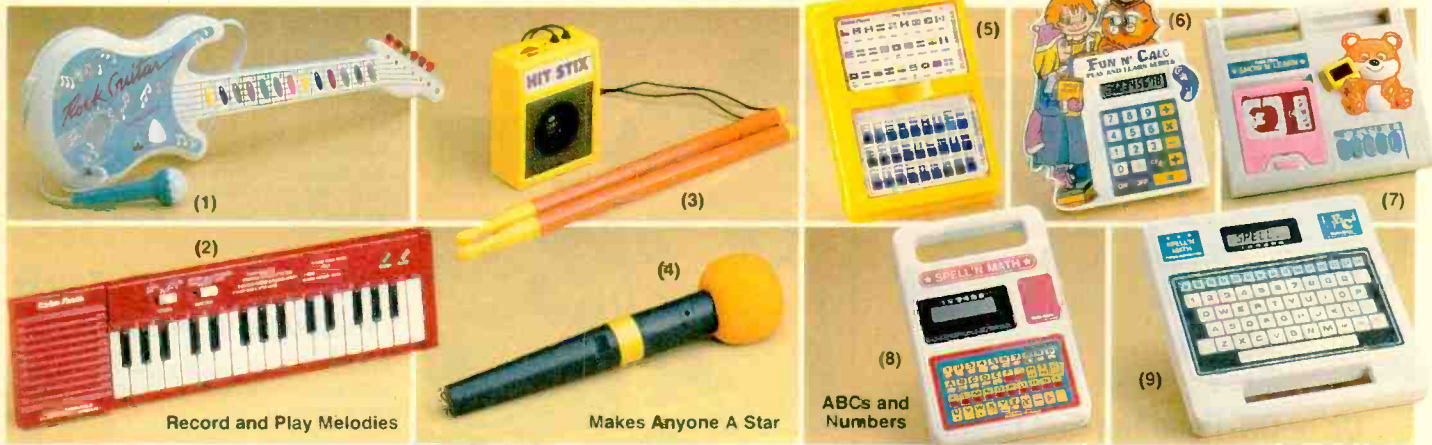
Play With a Friend
Or Go One-on-One
With the Computer

Challenging Pocket Repeat Game

Pocket Repeat is the portable memory game that plays a random series of musical notes. Then play them back in the same order and you win! It's the fun way to test and improve your memory and reflexes no matter what your age. Perfect toy to take along on car trips. Play two different versions as your skill level and memory improve. Requires 9V battery. 60-2152 **10⁹⁵**

Two Skill Levels
Test and Improve
Your Memory

HOURS OF PLAY FROM RADIO SHACK



Encourage Your Children's Musical Creativity

(1) **Rock Guitar.** Anyone can sound like a "pro"! Has 13 keys on the neck—no strings to tune or break. Light-up screen twinkles in time to the beat. They can create their own music or sing along with included microphone. Requires 4 "AA" batteries. 60-2296 **15⁹⁵**

NEW! (2) **Programmable Organ.** Choose piano or organ effect. Compose and record melodies of up to 19 notes, or auto-play any of eight preprogrammed tunes. Built-in speaker, high/low volume control and 32 mini keys. Wide 2½-octave chromatic range. Requires 4 "C" batteries. 60-2337 **15⁹⁵**

(3) **Hit Stix.** Drum up some excitement! Hit Stix let you create drum sounds in thin air—no surface needed! Sensor stick registers movement. Lightweight amp comfortably clips to belt so you can roam while you play. Requires 9V battery. 60-2295 **17⁹⁵**

(4) **FM Wireless Microphone.** Perform like a "pro"—talk or sing on your radio. Just tune to a blank spot on the FM band and go on-the-air. Can also be used as a mini PA system. Works with any nearby, standard FM radio—even in a car. Built-in antenna. 8¾" long. Requires 2 "AA" batteries. 60-2109 **6⁹⁵**

Play 'n Learn Games Make Learning Fun

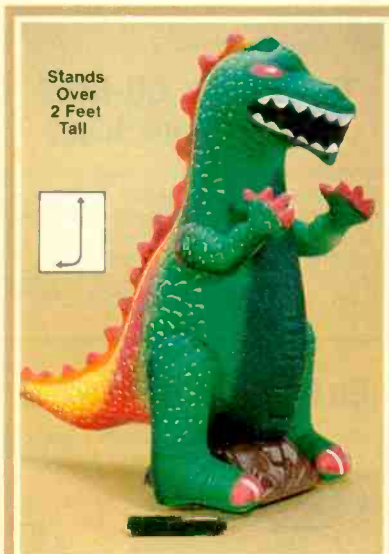
(5) **NEW!** **Look 'n Learn.** Question-and-answer quiz game will provide hours of stimulating entertainment for everyone. Answer questions about states and cities, presidents of the United States, mathematics, and more. 60-2335 **4.95**

(6) **Fun 'n Calc.** Lets kids enjoy learning how to use a calculator. Has an 8-digit LCD display. 60-2334 **7.95**

(7) **Show 'n Learn.** The fun way to teach kids the basics. Quizzes them on colors, shapes and more. 60-2328 **12.95**

(8) **Spell 'n Math.** Two challenges in one—teaches ABCs and numbers. Prespelling and spelling activities, basic math. 60-1093, **26.95**

(9) **LCD Spell 'n Math Instructor.** Paperless typing and spelling exercises, games, math and more. 60-2333 **31.95**
Item (5) nonelectronic. Items (6) through (9) require 2 "AA" batteries.



Stands Over 2 Feet Tall



RC Dinosaur

NEW! Get out of the path when this ferocious-looking radio-controlled dinosaur lumbers your way! Goes forward, turns in reverse. 27 MHz. Requires 2 9V and 4 "C" batteries. 60-4042 **19⁹⁵**



Radio-Controlled Action Cars for High-Speed Thrills and Chills

NEW! (1) **Aero Buggy.** Win the neighborhood nationals with this on/off road racer. Aerodynamic design with front and rear airfoils to make it really hug the road. Sleek black finish with stripes. 6½" long. 49 MHz. Requires 9V and 2 "AA" batteries. 60-4081 **9⁹⁵**

NEW! (2) **Two-Function Racer.** Feel the excitement of fast-paced road racing with this European-styled road machine. Two-function remote lets you go forward, turn in reverse. 9½" long. 27 MHz. Requires 2 9V and 4 "AA" batteries. 60-4082 **11⁹⁵**

(3) **Fire Buggy.** This racer is really hot! Soft rubber tires and spring suspension for high-speed cornering. Airfoil provides stability on the road. Two-function remote lets you go forward, turn in reverse. 8¾" long. 49 MHz. Requires 2 9V and 4 "AA" batteries. 60-4030 **12⁹⁵**

(4) **Wild Runner.** When the going gets tough, this truck gets going! High-traction design with oversized studded tires to grip the terrain and roll over obstacles. Baja styling with simulated winch and top lights. Kids of all ages will enjoy the off-road fun. Two-function remote lets you go forward, turn in reverse. 8" long. 27 MHz. Requires 9V and 6 "AA" batteries. 60-4031 **14⁹⁵**

NEW! (5) **Red Blaster.** Radically styled racer lets you feel the excitement of high-speed off-road competition. Spring suspension smooths out the tough terrain and the high-traction knobby tires grip the dirt for blasting up hills. You'll be amazed at how it maneuvers—even on rough terrain. Three-function pistol-grip remote for better, faster handling. 10¼" long. 27 MHz. Requires 9V and 6 "AA" batteries. 60-4083 **17⁹⁵**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

EXCITING RC VEHICLES FOR ALL AGES



On or Off-Road Hot Rod Coupe

NEW! Exciting Turbo "T" Coupe dominates the strip. Seven-function remote, rugged spring shock suspension, impact absorbing front bumper and 2-speed transmission. Jack for recharging Ni-Cd batteries. 11³/₄" long. 27 MHz. Requires 9V and 8 "AA" Ni-Cd batteries. **60-4085** **49⁹⁵**



Strike Out on Your Own With the Wild Ranger

NEW! Tame the roughest terrain with the 4-wheel-drive Wild Ranger. Dirt-digging low gear for incredible traction, high gear for top speed. 12³/₄" long. 27 MHz. Requires 2 9V and 4 "C" batteries. **60-4086** **49⁹⁵**

Tough 4 x 4 Muscle Trucks In Choice of Frequencies

Features high-traction 4-wheel-drive with super-size tires. High and low gears for choice of speed or pulling power. 12¹/₂" long. 27 MHz. Requires 2 9V and 4 "C" batteries. **60-4057** **47⁹⁵**

Race against a friend to see which truck and driver are the toughest. Dual-stick transmitter for fast response. 12¹/₂" long. 49 MHz. Requires 2 9V and 4 "C" batteries. **60-4067** **47⁹⁵**



Run the Autobahn With Exotic Racers

(1) Race with a friend! 49 MHz transmitter lets you pit this racer against a challenger on 27 MHz. Five-function wireless remote control. 9³/₄" long. Requires 2 9V and 4 "AA" batteries. **60-4033** **19⁹⁵**

NEW! (2) Sleek sportster with European styling will burn up the track. Multifunction remote puts you behind the "wheel". 11" long. 27 MHz. Requires 2 9V and 8 "AA" batteries. **60-4084** **21⁹⁵**



Aerodynamic Off-Road Sand Burning Buggy

Futuristic desert demon! Spring suspension soaks the bumps to tame rough terrain. Authentic body styling. Jack for charging Ni-Cd batteries. 10¹/₄" long. 49 MHz. Requires 2 9V and 6 Ni-Cd "AA" batteries. **60-4073** **34⁹⁵**

The Hi-Tech, Off-Road Turbo Concord Buggy

Conquer the treacherous Baja with advanced high-speed design, spring suspension and two gear speeds. Dual-stick transmitter for fast response. Jack for charging nickel-cadmium batteries. 12" long. 27 MHz. Requires 9V and 8 Ni-Cd "AA" batteries. **60-4036** **41⁹⁵**



Become a Battle Tank Commander

The ultimate in RC action! Looks and sounds like the real thing! Durable construction with plenty of power for scrambling up the steep battlefield inclines. Forward, reverse/turn commands. 10¹/₂" long. 27 MHz. Requires 9V and 8 "AA" batteries. **60-4040** **27⁹⁵**



Go Racing With a Friend

Turbocharged—leave your competitors in your dust. Authentic body styling. 49 MHz operation lets you take on 27 MHz challengers. Seven-function remote control. 11" long. Requires 2 9V and 6 "AA" batteries. **60-4035** **29⁹⁵**

Turbocharged Exotic Racer

Join in the race and feel the power of this exciting, sports vehicle. "Turbo" mode for bursts of power. Authentic body styling. 7-function remote for full control. 12" long. 27 MHz. Requires 9V and 6 "C" batteries. **60-4074** **29⁹⁵**

FOR BEST RESULTS, USE OUR OWN ENERCELL® BATTERIES

RC ACTION FOR SERIOUS DRIVERS

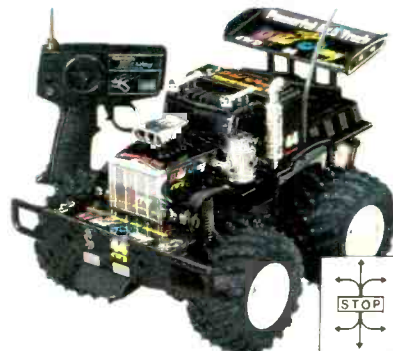
Turboracer With Pistol-Grip Remote

Turboracer takes the lead and pulls away to victory! Seven-function wireless remote, auto power-off and charging jack. 12 1/2" long. 27 MHz. Requires 9V and 8 Ni-Cd "AA" batteries. Was \$59.95 in 1990 catalog. **NEW LOW PRICE! 49⁹⁵** 60-4069



Thrilling Action Four-Wheel-Drive Wild Pony

Fire it up and watch it claw its way to the top and win the race! Rugged 4 x 4 features spring suspension system, 2-speed transmission and jack for charging Ni-Cd batteries. 12" long. 27 MHz. Requires 9V and 8 Ni-Cd "AA" batteries. **60-4039 59⁹⁵**



TOYS — RADIO CONTROLLED

Our Finest Rechargeable RC Vehicles and Racing Power Accessories

Mysterious Black Phantom Off-Roader

NEW! Digital proportional control, spring-shock suspension, 4-wheel drive twin motors. 17 1/2" long. 27 MHz. Requires 10 "AA" batteries, #23-230 Battery Pack. **60-4088 149⁹⁵**
Low As \$15 Per Month



Top-Performance Golden Arrow Racing Buggy

Digital proportional steering and FET motor drive system make it the king of the desert. 15 1/2" long. 27 MHz. Requires 10 "AA" batteries, #23-230 7.2V Battery Pack. **60-4080 119⁹⁵**
Low As \$15 Per Month



High-Performance Off-Roader Turbo Tiger

NEW! Exciting styling for fast-paced racing! Seven-function pistol grip remote and spring suspension. 16" long. 27 MHz. Requires 2 9V batteries, #23-230 Battery Pack. **60-4087 99⁹⁵**
Low As \$15 Per Month



Our Powerful Red Arrow Off-Road Buggy

Features D-P steering, two gear speeds, spring shock front/rear suspension. 14 1/2" long. 27 MHz. Requires 10 "AA" batteries, #23-230 7.2V Battery Pack. Was \$89.95 in 1990 Catalog. **60-4077 69⁹⁵**



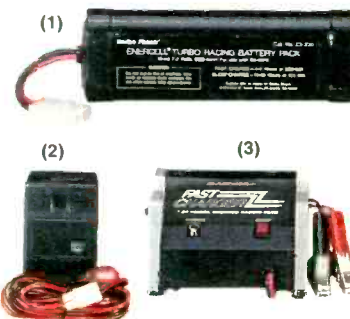
Wild Horse High-Power 4 x 4 Off-Road Truck

Take on the hills and win! Two gear speeds, 4-wheel-drive, differential gear and trailing arm suspension. 16" long. 27 MHz. Requires 2 9V batteries and #23-230 7.2-Volt Battery Pack. **60-4041 119⁹⁵**
Low As \$15 Per Month

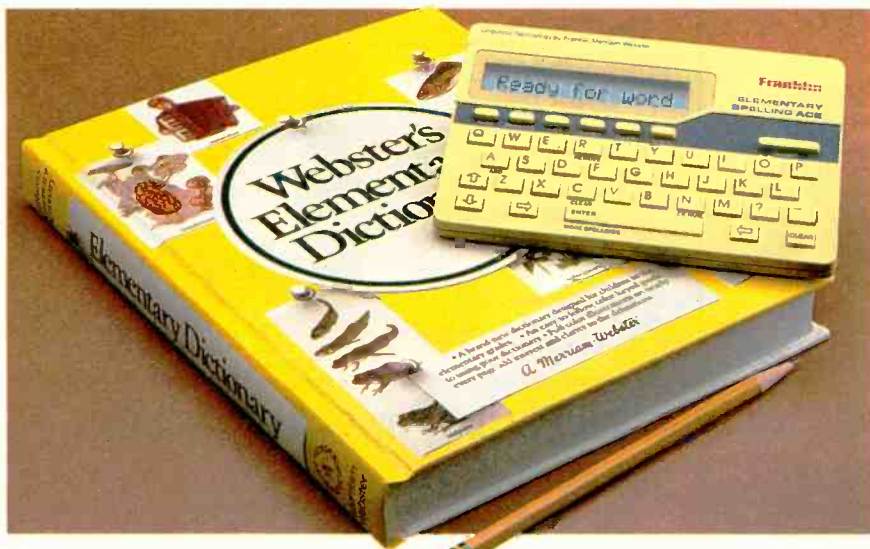


RC Power Components

- (1) **NEW LOW PRICE!** Rechargeable 7.2V Ni-Cd Battery Pack. Only 320 grams! Was \$24.95 in 1990 catalog. **23-230 19.95**
- (2) **Racing Battery Pack Charger.** Recharges pack in 4-5 hours. UL listed AC. **23-231 9.95**
- (3) **DC Fast-Charger.** Connects to auto battery, charges pack in 20 min. **23-232, 29.95**



MASTER THE LANGUAGE ELECTRONICALLY



Spelling Checker Designed for Grade-School Children

- Contains Over 50,000 Words From the Merriam-Webster® Dictionary
- Includes Webster's Illustrated Elementary Dictionary for Children

NEW! Franklin Elementary Spelling Ace® ES-90. A sensation in learning, it represents a new way of creating enthusiasm in students. Everything about this instructional system was designed with the elementary student in mind. Spellblaster™ program takes into account the phonetic spelling patterns of youngsters from six to 12. Easy-to-use computer corrects spelling and displays the page number where a child can look up the word's definition in the accompanying dictionary. Students can input their own weekly spelling and vocabulary lists for use in a variety of built-in games such as Wordblaster™, flashcards, Hangman. With "Kids Only" instruction manual and a Parent/Teacher guide. 4 x 6 x 3/4". Requires 4 "AAA" batteries. 63-679 **49⁹⁵**



2-in-1 Dictionary/Thesaurus

- Includes 76,000 Definitions

NEW! Franklin Pocket Wordmaster™. Features 487,000 synonyms for 40,000 entry words from the Merriam-Webster Collegiate Thesaurus, phonetic spelling correction for 80,000 words, and a comprehensive crossword-puzzle-solving function. 5 x 27/8 x 1/2". Requires 2 "AAA" batteries. 63-678 **79⁹⁵**



Handheld Electronic Speller

Franklin Spelling Ace SA-98. Advanced phonetic spelling correction—lets you input a word the way it sounds and get back the correctly spelled word almost instantly. Only sure of the first letters of a word? Punch in the ones you know, and you'll get a complete list of words that start with those letters. Built-in crossword-puzzle solver. 4 x 6 1/2 x 1". Requires 4 "AAA" batteries. 63-677 **39⁹⁵**

- Finds the Spelling For Any of 80,000 Words in Seconds

- Easily Works For Poorest Of Spellers



Convenient Pocket-Size SPELL CHECKER

Instantly checks spelling of 88,000 words. Also helps with phonetic spelling of 15,000 commonly misspelled words—accommodates even the poorest of spellers. 3 7/8 x 2 1/2 x 1/8". With case, 2 RS2025 batteries. 63-676 **49⁹⁵**

Your Personal Lottery Master



Pocket computer picks the numbers for you—no more agonizing decisions! Selects random set of numbers for lotteries in any country or state. Also has five built-in games. 4 1/4 x 2 5/8 x 3/8". With case and two RS357A batteries. 63-642 **24⁹⁵**

THE BEST IN HOME/OFFICE 10-KEYS



Portable 10-Digit Desktop LCD

Radio Shack EC-2017. Large, easy-to-read LCD display. Big "0" and "+" keys for rapid addition. Auto-shutoff. $1\frac{5}{8} \times 5\frac{3}{8} \times 6\frac{1}{8}$ ". **29⁹⁵**
Requires 2 "AA" batteries. 65-579



Dual-Powered LCD 10-Digit Portable

Built-In Desk Stand



■ Jumbo Display

Radio Shack EC-2013. Auto-switches from solar to battery power in dim light. Has square root and percent keys. $6\frac{1}{8} \times 3\frac{7}{8} \times \frac{5}{8}$ ". With pouch and RS357 battery. **19⁹⁵**
65-575



Dual-Powered Desktop LCD

■ Auto-Switches From Solar To Battery Power In Dim Light

Radio Shack EC-2016. Compact—yet has full-sized keys and big, easy-to-read digits. Tilted display for viewing comfort. Four-key memory and double size "+" key. $1\frac{1}{8} \times 4\frac{1}{4} \times 5\frac{5}{8}$ ". With RS389A battery. **12⁹⁵**
65-578

Paper for Your Printing Calculator

Plain For all Radio Shack Models

Size	Fits	Cat No.	Pack of 3
2 1/4"	65-664/669/952/954 965/966/967/969/970	65-710	2.49
1 1/2"	65-666	65-712	1.59
1 1/2"	65-951/953/955	65-713	2.49
2 1/4"	65-954	65-715	2.79

Thermal For Early Models

Size	Fits	Cat No.	Price
2 1/4"	65-643/644 645/646	65-706	3.69 3 Pack
1 1/2"	65-665	65-711	1.99 5 Pack



Big 12-Digit Fluorescent

Radio Shack EC-3015 2-Color Printing. Ergonomic display and keyboard for effortless operation—ideal for anyone using a calculator throughout the working day. Adds date to tape. $2 \times 7\frac{3}{4} \times 9\frac{1}{8}$ ". UL listed AC. (TSP available) **79⁹⁵**
65-670



10-Digit Fluorescent

Radio Shack EC-3019 Printing. Easy-to-read display and an ergonomically sculpted keyboard for effortless operation. Built-in functions for markup, discount/add-on percentages. $2\frac{1}{4} \times 6\frac{7}{8} \times 9\frac{1}{8}$ ". UL listed AC. (TSP available) **65-969**
69⁹⁵



Bright Fluorescent

Radio Shack EC-3017 Printing. Feature-packed, 10-digit calculator. Oversize "+", "-", "x" and "÷" keys. Perfect for kitchen table or work station. $2 \times 7\frac{1}{2} \times 8\frac{1}{4}$ ". Requires 4 "AA" batteries or AC adapter below. (TSP available) **65-967**
49⁹⁵



Slimline 10-Digit LCD

Radio Shack EC-2014 Printing. A winning combination—full-sized keyboard and printing in a cordless portable. Adjustable display. Big, easy-to-read digits. $1\frac{5}{8} \times 6\frac{1}{4} \times 7\frac{7}{8}$ ". Requires 4 "AA" batteries or AC adapter below. (TSP available) **65-966**
49⁹⁵



Desk/Handheld 10-Digit Printing Calculator

■ Impact Printer Takes Standard 2 1/4"-Wide Paper ■ LCD Display

Radio Shack Printing EC-3016. Compact size but loaded with features. Fits easily in briefcase or purse—ideal for business people on-the-go and homemakers who need a permanent record of transactions. Feeds tape from storage space inside the calculator or from the fold-out paper holder, which accepts a full $3\frac{5}{32}$ " dia. roll. Display-only and Display-print modes. Features percent and margin keys. Auto-shutoff. $1\frac{1}{2} \times 3\frac{1}{2} \times 7$ ". Requires 4 "AA" batteries or AC adapter. (TSP available) **65-954**
34⁹⁵

AC Adapter. UL listed. For 65-954/966/967. 273-1454 **7.95**

ALL CALCULATORS ARE COVERED BY OUR ONE-YEAR LIMITED WARRANTY—SEE STORE FOR DETAILS

SOLAR & DUAL-POWERED CALCULATORS



Feature-Packed Pocket Calculators

- (1) **Radio Shack EC-426.** Extra-large keys and display in a horizontal folding style. Four-key memory, double-size "+", percent key. $2\frac{7}{8} \times 4\frac{7}{8} \times \frac{1}{2}$ " (folded). With RS389A battery. **65-913** **12⁹⁵**
- (2) **Radio Shack Micro-Thin™ Solar-Powered EC-413.** Credit-card size—only $2\frac{1}{8} \times 3\frac{3}{8} \times \frac{1}{8}$ ". Features three-key memory, auto-constant and square root key. With billfold vinyl case. **65-910** **7⁹⁵**
- (3) **Radio Shack Dual-Powered EC-416.** Jumbo LCD display and keys. Horizontal, folding style. Has square root and percent keys. Auto-constant. $2\frac{3}{4} \times 4\frac{1}{2} \times \frac{5}{8}$ " (folded). With RS389A battery. **65-561** **9⁹⁵**
- (4) **Radio Shack Dual-Powered EC-445.** GPM key for rapid computation of desired mark-up. Four-key memory, percent key and auto-shutoff. $4\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{4}$ ". With case, RS389A battery. **65-889** **8⁹⁵**
- (5) **Radio Shack Dual-Powered EC-414.** Display is tilted for convenient viewing. Percent, square root and sign-change keys. Three-key memory. $4\frac{1}{2} \times 2\frac{3}{4} \times \frac{3}{4}$ ". With RS389A battery. **65-560** **7⁹⁵**
- (6) **Radio Shack Solar-Powered EC-419.** Pressing any function key brings that symbol (+, -, ×) to the display to remind you of the current mode. $4\frac{1}{4} \times 2\frac{5}{8} \times \frac{1}{4}$ ". With billfold case. **65-595** **5⁹⁵**



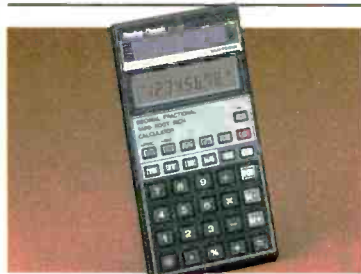
Dual-Powered Calculator

NEW! **Radio Shack Mity-Thin® EC-427.** Compact size with big, easy-to-read digits. Has 3-key memory and square root and percent keys. Auto-shutoff. Only $3\frac{3}{8} \times 2\frac{1}{8} \times \frac{1}{4}$ " thin. With billfold case and RS389A battery. **65-895** **6⁹⁵**



Checkbook Organizer

Radio Shack EC-430. Case holds checks, register, pen. Features deposit check, charge, payment, balance keys. Three memories store balance information. Security code. Dual powered with auto-shutoff. $2\frac{3}{4} \times 6\frac{1}{8} \times \frac{5}{8}$ ". With RS389A battery. **65-570** **15⁹⁵**



Yard/Foot/Inch Calculator

Radio Shack EC-317. No need to convert yards, feet and inches to a single measure! Just enter 30 feet, 8 inches; multiply by 18 feet, $3\frac{3}{4}$ inches and get the answer—561.583 square feet. Solar powered. $5\frac{1}{8} \times 2\frac{3}{4} \times \frac{3}{8}$ ". (TSP available) **65-935** **27⁹⁵**



For Metric Conversion

Radio Shack EC-318. Performs 22 conversions to and from metric—conversions for weight, volume, distance and temperature. Calculator has 3-key memory, auto-constant, percent key. Solar powered. $4\frac{1}{8} \times 3 \times \frac{1}{4}$ ". With case. **65-931** **14⁹⁵**



One for the Ladies

Radio Shack EC-422. Nice to give or get! Full-function calculator in an elegant lady's "compact" case. Folds to just $2\frac{3}{4} \times 2\frac{5}{8} \times \frac{1}{2}$ ". Features three-key memory, percent and sign-change keys and auto-constant. Snap clasp. Solar powered. **65-912** **9⁹⁵**



Adjustable LCD Display

Radio Shack Dual-Powered EC-424. Our most popular pocket calculator! Display angle adjusts for viewing comfort. Large, easy-to-operate keys. Three-key memory, percent key and auto-shutoff. $5\frac{1}{8} \times 2\frac{7}{8} \times \frac{3}{8}$ ". With RS389A battery. **65-564** **14⁹⁵**

DUAL-POWERED CALCULATORS AUTO-SWITCH FROM SOLAR TO BATTERY POWER IN DIM LIGHT

SCIENTIFIC/ENGINEERING CALCULATORS



Formula Programmable

- 128 Preprogrammed Formulas
- 12 Programmable User Memories

Radio Shack EC-4023. Power-drives calculating jobs! Large multiline display shows formula and prompts you for input variable. Formulas for math, physics, mechanics, electricity/electronics, statistics. Add up to 12 of your own equations—675 programmable steps, total. Base- n calculations/conversions. 10-digit mantissa, 2-digit exponent. $5\frac{1}{8} \times 27\frac{1}{8} \times 3\frac{1}{8}$ ". With case and two CR2032 batteries. (TSP available) 65-987

59⁹⁵



177-Function Scientific

- Functions for Math, Chemistry, Physics, Biology, Health, More!!

Radio Shack EC-4025. A big favorite on college campuses—has just the right functions for most math/science courses, and it's so easy to use! A dual-action keyboard reveals only the science or statistics functions appropriate to your needs. Handles 2-variable statistics, base- n math and complex numbers. Has 30 English/metric conversions and five memories. 10-digit mantissa, 2-digit exponent. $5\frac{3}{4} \times 3\frac{1}{8} \times 7\frac{1}{8}$ ". Complete with RS386A battery. (TSP available) 65-992

49⁹⁵



110-Function Electronics

- Uses Electrical Symbols For Input and Output

Radio Shack EC-4035. Accepts input and displays output using popular electrical engineering symbols— $1000\Omega \times .5A = 500V$. Alphanumeric display with contrast control. Functions for trig, statistics, fractions, base- n calculations/conversions, logical operations and complex numbers. Has seven memory registers, engineering keys, auto-shutoff, random number generator, 10-digit mantissa and 2-digit exponent. $5\frac{1}{8} \times 27\frac{1}{8} \times 3\frac{1}{8}$ ". Complete with billfold case and two CR2032 batteries. (TSP available) 65-983

39⁹⁵



Math and Science Formula

- 23 Built-In Formulas
- Two Programmable Formulas

Radio Shack EC-4024. Large 10-digit display has alphabetic prompt for formula use. Formulas for math, statistics, physics, electronics/electricity, mechanics. Stores two user generated formulas with a total of 29 steps. Performs base- n calculations/conversions, logical operations. Nine physical constants. Dual-powered. $5\frac{1}{2} \times 27\frac{1}{8} \times 3\frac{1}{8}$ ". Complete with lithium battery. (TSP available) 65-991

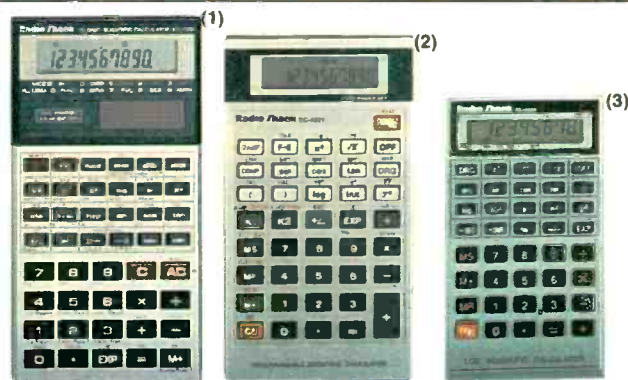
34⁹⁵

1103-Step Memory Programmable

- Displays Formula and Results Simultaneously

NEW! Radio Shack EC-4026. One of the most powerful calculating tools available today! Lets you enter and execute formulas exactly as they are written, even integral and fraction calculations. Programs are stored under file names, can be instantly recalled using search. Features 179 scientific functions, including base- n math, regression analysis, paired variable statistics, engineering symbol calculations. $5\frac{5}{8} \times 27\frac{1}{8} \times 3\frac{1}{8}$ ". With CR2025 battery. (TSP available) 65-993

47⁹⁵



Super Values in Radio Shack Calculators

Radio Shack Calculators Help You Solve The Hardest Math Problems Easy as Pi

- (1) **Radio Shack EC-4031.** Full-featured 87-function scientific. Performs paired variable statistics, trig functions, base- n conversions, logical operations and probability functions. Seven constant memory registers—hold information even after calculator is turned off. Random number generator. Dual-powered. Ten-digit mantissa, 2-digit exponent. $5\frac{3}{8} \times 3 \times 5\frac{1}{8}$ ". With lithium battery and protective case. (TSP available) 65-997 **24⁹⁵**
- (2) **Radio Shack EC-4021.** Programmable 40-step scientific. Design your own "special application" calculator by programming formulas you use frequently. Performs 46 built-in math, trig and statistical functions. One independent and two constant memories. Accepts 42 parentheses at six levels. Has 8-digit mantissa, 2-digit exponent. $5\frac{1}{2} \times 3 \times 1\frac{1}{8}$ ". With billfold case, two RS357A batteries. (TSP available) 65-984 **19⁹⁵**
- (3) **Radio Shack EC-4008.** An excellent value in a scientific calculator! Forty single-function keys. DEG/RAD/GRA switch. Five-digit mantissa and 2-digit exponent. $4\frac{3}{8} \times 2\frac{1}{2} \times 1\frac{1}{4}$ ". With case, two RS357A batteries. 65-977 **13⁹⁵**
Calculator Desk Stand (Not shown) 65-705 2.49

SIMPLIFY YOUR TIME/DATA MANAGEMENT

DATA BANKS



Data Bank/Currency Exchanger

NEW! Radio Shack EC-324. Helps you manage time, money and information. Scheduler alerts you of coming appointments with alarm and displayed messages. Data bank has memory for storing memos and phone numbers. Credit card and bank account manager handles up to six accounts. Makes foreign-currency exchange calculations. Calculator, clock/calendar. 2 1/2 x 4 1/8 x 1/4". With case, 2 CR2016 batteries. (TSP available) 65-941

29⁹⁵



Powerful Data Bank & Schedule Manager

- Displays the Time of Day in 127 Cities Around the World

Radio Shack EC-345. Our best electronic time and data organizer. Scheduler alarm alerts you before an appointment, and there's room for up to 1100 appointments. Business card library stores up to 2700 names and phone numbers, has alphabetic search for instant data retrieval. Big 64,000-character memory plus a calculator and clock/alarm. The EC-345 can be linked to computer with optional interface (available by special order). Folds to 2 7/8 x 5 1/4 x 5/8". With 3 CR2025 batteries. Was \$219.95 in 1990 Catalog. (TSP available) 65-945 . . . Low As \$15 Per Month

NEW LOW PRICE!

199⁹⁵



Data Bank/World-Time Clock

NEW! Radio Shack EC-326. Packs a lot of time/data management power in a small package, yet it's easy to use. Press a button, and it flips quickly through the modes—world-time clock of 22 major cities, phone directory with random access, memo data bank, calculator, scheduler and clock/calendar. Features a "paperless printer"—handy for re-checking long calculations. With billfold case, 2 CR2025 batteries. 2 1/4 x 4 3/8 x 1/8". (TSP available) 65-942

39⁹⁵



Schedule and Digital Data Bank Organizer

- Super Sophisticated Yet It's a Snap to Use

Radio Shack EC-319. This date and information organizer will spoil you! It's a calendar and will electronically keep track of your appointments. It's a sophisticated data bank, filing and recalling information for you alphabetically. To recall an entry, just type in a name and all the information filed with that name appears instantly. Stores 32,000 characters. Phone number and address directory for up to 1500 persons, memo pad for up to 1500 messages. Full-function calculator. Folds to 3 x 5 x 5/8". With three CR2032 batteries. Was \$99.95 in 1990 Catalog. (TSP available) 65-932

NEW LOW PRICE!

89⁹⁵



Easy-to-Use Data Memory Calculator

- Stores Up to 50 Items—Puts All Your Important Telephone Numbers at Your Fingertips

Radio Shack EC-321. A full-function calculator plus an uncomplicated data bank. Simultaneously displays both name and phone number on two lines. Items are automatically stored in alphabetic order, making it easy to find a name by scrolling. Or use the search function to find the name and phone number instantly. Password protection for sensitive information. 4 1/2 x 2 3/4 x 1/4". With billfold case, CR2025 battery. 65-934

14⁹⁵

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

FIVE "TAKE-CHARGE" BUSINESS TOOLS

Financial Calculator



Radio Shack EC-5500. LCD display also functions as a touch-response keyboard—just a tap of your finger on the display accesses a pre-programmed function in finance or statistics. Choose from 10 of the most useful financial formulas and 10 of the most popular statistical functions. 5 1/2 x 3 x 1/2". With 123-page, step-by-step guidebook and a quick-reference card. Solar powered. (TSP available) 65-880

49⁹⁵

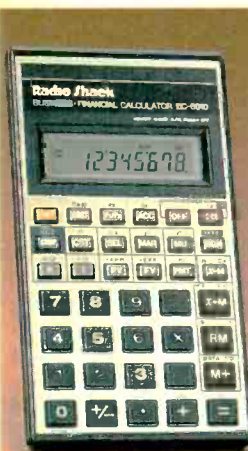
For Business Analysis



Radio Shack EC-5100. Built-in formulas solve tough business and financial problems. Provides you with one-button solutions in mortgages, lease/buy options, investment yield and many more. Full statistical functions with trend line analysis. 5 1/4 x 2 3/4 x 3/8". Manual with over 175 pages of business applications, pocket guide, billfold case and 2 RS357 batteries. (TSP available) 65-875

34⁹⁵

Super-Value Business Calc



Radio Shack EC-5010. The preferred choice of business majors. Has functions for calculating amortization, simple and compound interest, rate conversions, lease/buy options, return rate on investments and much more. Statistics functions. Comprehensive manual includes more than 30 useful real-life applications. 5 1/8 x 2 3/4 x 3/8". With protective billfold case and 2 RS357 batteries. (TSP available) 65-870

24⁹⁵



Powerful Desktop Data Directory

■ Needed Information is Located Effortlessly With Electronic Rolodex® Card-Filing System

NEW! Radio Shack EC-340. Amazing new desktop business organizer takes charge of and stores up to 64K of information alphabetically! Seven filing categories with automatic data transfer between files for minimizing input time. To scroll through files, press reverse/forward buttons or manually turn one of two Rolodex-type knobs. Extra-large (6 line x 24 character) screen is easy to read. Built-in calendar, currency exchanger and paperless calculator. On-screen prompts. 10 x 9 x 9". Requires 3 "AA" batteries or AC adapter. (TSP avail.)

149⁹⁵

65-940
Low As \$15 Per Month
AC Adapter. UL listed.
273-1454 7.95

Built-in infrared transmitter system in the EC-340 and EC-339—with just the touch of a button you can transfer data between any two machines in seconds.



Pocket Version Data Directory

NEW! Radio Shack EC-339. The ideal traveling companion for business people. Pocket-size data organizer has all the power and features of EC-340 above, including 64K memory, but without Rolodex knobs. Built-in infrared transmitter to exchange data with another EC-339 or with the EC-340. 2 1/2 x 4 1/4 x 5/8" (folded). With CR2016 and 2 CR2430 batteries. (TSP avail.)

99⁹⁵

65-939
Low As \$15 Per Month



TANDY® WORD PROCESSING SOLUTIONS



- Write Letters and Reports While On-the-Go, Then Print Your Work on the Built-in Daisy Wheel Printer
- Move, Copy or Delete Text With Just a Few Keystrokes
- Contains a Useful, 50,000-Word Spelling Dictionary
- Full-Size Keyboard ■ Save Your Work on Mini Diskettes
- Built-in Carry Handle for Easy Portability
- 80 x 8 "Supertwist" Liquid Crystal Display

Type, Correct and Print Copies

Tandy WP-100 Printing Wordprocessor. All you need to produce crisp, letter-quality reports and correspondence—in one self-contained unit. First enter your text on the full-size keyboard. Before printing your work on the built-in daisy-wheel printer, you can review your text line-by-line on the 80-character by 8-line "supertwist" liquid crystal display. You can move, copy or delete words, sentences or entire paragraphs with a few simple keystrokes. The WP-100 will even spell-check your work against a built-in 50,000-word spelling dictionary. A built-in disk drive stores 100,000 characters on 2.8" diskettes for updating at any time. Folds to 5½ x 17 x 16" for carrying. With a Courier 10 printwheel and 2.8" diskette. UL listed AC. (TSP available) **599⁹⁵**
26-3950 Low As \$20 Per Month

WP-100 Accessories

100,000-Character 2.8" Diskette. 26-3951, Pkg. of 2/16.95
Single-Strike Ribbon. 90K characters. 26-3952 9.95
Lift-Off Correction Tape. For 26-3952. 26-3953 3.95
Multi-Strike Ribbon. 150K characters. 26-3954 11.95*
Cover-Up Correction Tape. For 26-3954. 26-3955 6.95*

WP-100 Printwheels

Courier 10. 26-3956 16.95*
 Pica 10. 26-3958 16.95*
 Letter Gothic 10/12. 26-3959 16.95*
 Courier 12. 26-3957 16.95*
 Script 12. 26-3960 16.95*
 Prestige Elite. 26-3961 16.95*



- Write Letters, Reports and Memos—Wherever You Are
- Built-In 100,000-Word Spelling Dictionary
- Built-In 200,000-Word Thesaurus
- Easy Hookup to Optional Modem or to Desktop PC
- Connects Easily to Tandy or IBM®-Compatible Printer

Ultra-Slim Laptop Goes Anywhere

Tandy WP-2 Portable Wordprocessor. From boardroom to classroom, from library to home office, you can take notes, prepare reports and write letters in style. Battery operated and weighing only 3.1 pounds, the 1"-thin WP-2 slips easily into a briefcase or backpack and lets you make more productive use of those times when you need the word-processing power of a PC—and the portability of pen and paper. The full-size keyboard lets you cut, paste, search, replace, center and justify your text with just a few keystrokes. And there's no need to lug around a heavy dictionary. The jet black case houses a 100,000-word spelling checker and a 200,000-word thesaurus. For hard copies of your work, the WP-2 easily connects to Tandy or other IBM-compatible printers. You can even add an optional modem to transfer files to your personal computer by phone. Requires four "AA" batteries or AC adapter (not included). FCC Class B. (TSP available) **349⁹⁵**
26-3930 Low As \$15 Per Month

AC Adapter. UL listed. 26-3804 6.95
Internal 32K RAM Expansion. Installation recommended. 26-3932 49.95*
"IC Card" 32K RAM Expansion. Plugs into WP-2. Battery backup allows removal while preserving data. 26-3931 119.95*
Portable Disk Drive 2. Uses 3½", 200K disks. Requires 4 "AA" batteries or AC adapter. 26-3814 219.95*
CCR-83 Computer Cassette Recorder. UL listed AC (or 4 "C" batteries, extra). 26-1384 59.95
NEW LOW PRICE! TouchBase Systems 1200-bps Portable Modem. Was \$199.00 in 1990 catalog. 900-704 169.00*
NEW LOW PRICE! TouchBase Systems 2400-bps Portable Modem. Was \$299.00 in 1990 catalog. 900-2207 259.00*
 6' Serial Cable. 26-269, 17.95 6' Printer Cable. 26-227, 34.95

*MAY BE SPECIAL ORDER FOR SOME STORES. IBM/Reg. TM IBM Corp.

GO-ANYWHERE COMPUTING POWER

COMPUTERS—POCKET, SPECIALTY & ACCESSORIES



Powerful Handheld Computer

Tandy® PC-6 Scientific Pocket Computer. The features of a scientific calculator and pocket computer are in the palm of your hand. Write programs in BASIC or Assembly Language. Add the optional printer and produce hard copies. Performs 65 built-in scientific functions. 8K RAM memory. Includes batteries. (TSP available) 26-3672 **Low As \$15 Per Month**

119⁹⁵

PC-6 8K RAM Expansion Module. 26-3674 **19.95***

PC-4/5/6 Printer. Requires 26-3671 cable. 26-3652 **99.95***

Cassette Interface. Requires 26-3671 cable. 26-3651 **39.95***

Cassette Interface and Printer Cable. 26-3671 **16.95***

Thermal Printer Paper. 1½" x 8½' 65-711 . . **5 Rolls/1.99**

Replacement Battery. Requires two. 23-162 . . **Each 1.99**



Famous Micro-Executive Workstation™

Tandy 102. Our all-time favorite laptop computer weighs only three pounds, but with 32K memory, five instant-on programs and a self-contained 300 bps telephone modem, it's no lightweight in performance. The Tandy 102 is ready to work—anywhere. The easy-to-use word-processing program is especially useful for journalists, business people, students or anyone who needs to compose letter-perfect memos, reports and correspondence. Built-in programs include an appointment calendar, personal address/phone directory and telephone auto dialer. You can even write your own programs in BASIC. The full-size keyboard won't cramp your typing style. Text is highly visible on the 40-character x 8-line liquid crystal display. Includes parallel, RS-232C, cassette and bar code reader interfaces. Provides up to 20 hours of operation from four "AA" alkaline batteries (not included). (TSP available)

599⁰⁰

26-3803 **Low As \$20 Per Month**



Save Your Programs On Cassette Tapes

A "Must" Accessory for Tape-Based Computer

NEW! **CCR-83 Computer Cassette Recorder.** Ideal for loading and saving your own programs and data on cassette tapes. The CCR-83 has automatic level control and your computer stops and starts the recorder automatically. Battery/record LED indicator. UL listed AC operation or 4 "C" batteries (not included). 26-1384 **59⁹⁵**

Replacement Cable. 26-1207 **5.95**

Cleaning Kit. 44-1163 **3.99**



Computer Cassette Tapes

Deluxe C-20 Reel-to-Reel Tape. Ideal for data storage. 26-308 **3.79**

Certified C-10 Tape. 26-302 **1.89**

Cassette Labels. With self-stick adhesive backing, these labels attach easily to your cassette tapes for itemization and identification purposes. 44-621, **Pkg. of 24/99¢**

Peripherals and Functional Accessories To Make Your Tandy 102 Even Better



Portable Disk Drive 2. Expand the power of your computer with a portable external disk drive. Stores up to 200K of data on a 3½" floppy disk. Requires 4 "AA" batteries or AC adapter (not included). Measures 2 x 4 x 6½". (TSP available) **219⁹⁵***

26-3814 **Low As \$15 Per Month**



Acoustic Coupler 2. Fastens securely to round or square handsets. Ideal for use when direct phone connection isn't possible. Easily connects to telephones in hotels, restaurants, and airports—wherever you are. It's never been easier to keep in touch with your computer. (Telephone handset in photo not included.) **59⁹⁵***

Soft Carrying Case. The Tandy 102 slips right inside for easy carrying. Includes pockets for manuals and accessories. 26-3811 **32.95***

Direct-Connect Modem Cable. 26-1410 **14.95**

AC Adapter. UL listed. 26-3804 **6.95**

Printer Cable. 26-1409 **16.95**

*MAY BE SPECIAL ORDER FOR SOME STORES / THERE'S A RADIO SHACK STORE NEAR YOU—WHEREVER YOU ARE

AFFORDABLE TANDY® COLOR COMPUTER



A Real Home Computer at a Video Game Machine Price

- Create Razor-Sharp Graphics in Vivid Colors
- Attaches Easily to Your TV, or Monitor

128K Extended BASIC Color Computer 3®. The affordable PC with deluxe features. This versatile computer is ideal for home education, entertainment and personal productivity applications. Do budgeting, word processing, database management, spreadsheet analysis, play games and more. You can learn the fundamentals of BASIC programming and write your own programs in color and sound. Add a Tandy CM-8 color monitor to create detailed charts, crisp graphs and illustrations with incredibly high resolution graphics. Or connect it to your TV and display graphics and text in 32-character by 16-line format. Best of all, the Color Computer 3 is compatible with instant-loading Program Pak™ software—you can choose from hundreds of selections for entertainment, education and personal productivity. Plus, you can add disk drives and modem as needs and skills grow.

With 128K memory, expandable to 512K. (TSP available) **26-3334** **Low As \$15 Per Month** **199⁹⁵**
 Disk drive, monitor and platform not included.

CM-8 RGB Analog Color Monitor. Create high-resolution art, graphs and charts in vivid colors. Built-in speaker with volume control. Includes cable. 26-3215 **299.95**

FD 502 Disk Kit #0. Write your own applications or add ready-to-run software. 26-3133 **299.95**

2nd Drive. (For 26-3133, above.) 26-3135 **179.95**

Monitor Platform. Puts monitor up at eye level for easier viewing. Durable molded plastic. 4¾ x 20⅞ x 12". 26-1329 **19.95**

Color Computer 3 512K Adapter. Less RAM. 26-3336 **39.95**

NEW LOW PRICE! 256 RAM Kit. (Two required.) Was \$149.95 in 1990 Catalog. 25-1079 **Each 59.95**

Multivue. Graphics interface (Level Two). 26-3035 **49.95**



Color Computer Software for All

Choose From a Variety of Instant-Loading Program Paks

- Arkanoid.** Battle your way through walls of bricks and destroy enemy drones. Arcade hit! For Color Computer 2 or 3. 26-3043 **34.95**
- Thexder.** Traverse a treacherous 16-level world to destroy the master computer that inhabits its core. For Color Computer 3. 26-3072 **24.95**
- Shanghai.** For Color Computer 3. 26-3084 **24.95**
- Dungeons of Daggorath.** Battle awesome beasts. Every victory brings you closer to the diabolical wizard. For Color Computer 2 or 3. 26-3093, **29.95**
- Color Baseball.** Enjoy America's grand old sport! Make big-league decisions. Requires joysticks. For Color Computer 2 or 3. 26-3095 . . . **19.95**
- Mind-Roll.** The ultimate test of skill features 3-D planes that will blow your mind! Requires 64K. For Color Computer 2 or 3. 26-3100 **34.95**
- Personal Finance II.** An easy household budget program. 26-3106, **19.95**
- Color File II.** Store and retrieve data. 26-3110 **19.95**
- RoboCop.** For Color Computer 3. 26-3164 **34.95**
- Predator.** Face an alien creature. For Color Computer 3. 26-3165, **34.95**
- GFL Championship Football II.** Exciting, in-the-helmet 3-D perspective. Requires joysticks. For Color Computer 3. 26-3172 **29.95**
- Rampage.** Smash and trash an entire city! For Color Computer 3. 26-3174 **34.95**

Disk-Based Programs for Entertainment, Home Education

- Winnie the Pooh.** Ages 8 and up. Requires 64K. 26-3244 **9.95**
- Donald Duck's Playground.** Work with Donald to equip his playground. Ages 7-11. Requires 64K and joysticks. 26-3245 **9.95**
- Mickey's Space Adventure.** Discover the planets with Mickey! Motivates interest in the solar system. Ages 8-up. Requires 64K. 26-3247 . . . **9.95**
- Microscopic Mission.** Pilot a microscopic probe through a human body from the leg to the brain. For Color Computer 3. 26-3271 **29.95**
- King's Quest III.** Requires 512K. For Color Computer 3. 26-3293, **34.95**
- Ghana Bwana.** Find the treasure and win the game. 26-3293 **4.95**
- The Interbank Incident.** You're a secret agent in search of Interbank's stolen satellite. Requires 64K and joysticks. 26-3296 **29.95**

Hundreds of Other Great Titles Are Available Through Our Consumer Mail Center. Place Your Order At Participating Radio Shack Computer Centers, Stores or Dealers.

**INSTALLATION REQUIRED (NOT INCLUDED). SOME INSTALLATIONS MAY REQUIRE ADDITIONAL-COST HARDWARE

HIGH-QUALITY COMPUTER ACCESSORIES



Pistol-Grip Joystick

Our best game stick gives you precise cursor control and provides a better grip for faster, more accurate response. Self-centering with two buttons on the base. For Tandy 1000-series and Color Computer 3. **29⁹⁵**



Our Deluxe Joystick

Get the most out of your games and enjoy accurate cursor control with graphics-oriented programs such as DeskMate. Choose between self-centering and free-floating operations. Conveniently located fire buttons on base. For the Tandy 1000-series computers and CoCo. **22⁹⁵**



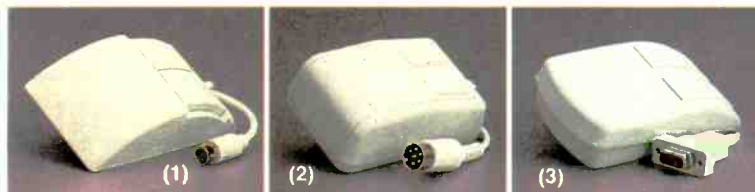
Joysticks for Two

With our lowest-priced joysticks, two can definitely play as cheaply as one. These functional game sticks provide fast 360° movement that will charge up the action of any game! Features include a single-shot button located on the base for easy accessibility. **PAIR 19⁹⁵**



Hi-Res Joystick Interface

Access the higher-resolution graphics modes of the Color Computer 2 or 3 and turn your joysticks into more efficient computer tools. Connects easily to the cassette and one joystick port. Up to 640 x 640 lines of resolution. **9⁹⁵**



Simplify Cursor Control With a Mouse... **49⁹⁵ EACH**

NEW! (1) **2-Button Mouse.** PS/2® and Microsoft® compatible. For Tandy computers with a PS/2-style mouse port. **25-1042**

(2) **Deluxe Color Mouse.** Simply "roll" across tabletop to position the cursor. Two buttons. Plugs into any CoCo or Tandy 1000 joystick port. 6-pin DIN connector. **26-3125**

(3) **Serial Mouse.** Perfect for use with DeskMate® software. Microsoft compatible. Two buttons. DB9 female plug. **25-1040**

Microsoft/Reg. TM/Microsoft Corp. PS/2 Reg. TM/IBM Corp.



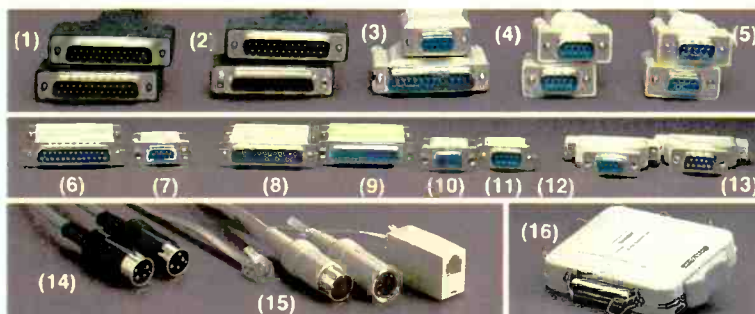
Mouse Holder

Keep your mouse handy! Attach to the side of your monitor, CPU or desk, and you'll never lose track of your mouse. **24⁹**
26-275



Mouse Pad

Provides excellent contact and a smooth tracking surface. Helps keep internal roller of mouse clean for precise cursor control. 9³/₈ x 7⁷/₈". **6⁹⁵**
26-237



Serial RS-232C Cables and Connectors

Fig.	Description	Connectors	Cat. No	Each
1	6' round shielded	DB25 male/DB25 male	26-249	16.95
1	10' round shielded	DB25 male/DB25 male	26-291	24.95*
1	25' round shielded	DB25 male/DB25 male	26-292	32.95*
1	50' round shielded	DB25 male/DB25 male	26-293	46.95*
1	100' round shielded	DB25 male/DB25 male	26-294	69.95*
2	6' round shielded	DB25 male/DB25 female	26-240	16.95
3	6' round shielded	DB25 male/DB9 female	26-269	17.95
4	NEW! 6' round shielded (Avail. 9/30/90)	DB9 male/DB9 male	26-116	9.95
5	NEW! 6' round shielded (Avail. 9/30/90)	DB9 male/DB9 female	26-117	9.95
6	Null Modem Adapter	DB25 male/DB25 female	26-1496	4.95
7	Null Modem Adapter	DB9 male/DB9 female	26-264	3.95
8	Gender Changer	DB25 male/DB25 male	26-243	4.95
9	Gender Changer	DB25 female/DB25 female	26-1495	4.95
10	Gender Changer	DB9 female/DB9 female	26-266	3.95
11	Gender Changer	DB9 male/DB9 male	26-280	3.95
12	Port Adapter	DB25 female/DB9 female	26-265	4.59
13	Port Adapter	DB25 female/DB9 male	26-287	4.59
13	Port Adapter	DB25 male/DB9 male	26-1388	4.59
14	Color Computer, 6'	4-pin DIN male/4-pin DIN male, special serial	26-3020	5.95
15	Tandy 102 Modem twin 4' direct connect	8-pin DIN (Heshman-type) male/modular phone RJ11C	26-1410	14.95
16	NEW! A/B switch shielded (Avail. 10/30/90)	DB25 female/A or B DB25 female	26-115	24.95*

New Low Prices—PC Internal Modems

1200-bps Half-Card Modem. For Tandy and other PC-compatibles with an 8-bit slot. Full Hayes® command set, auto-dial/answer, monitor speaker and telephone cord. Bell 212A compatibility at 1200 bps. Bell 103 compatibility at 300 bps. FCC registered. Was \$99.95 in 1990 Catalog. **25-1013 . . . 79.95**

1200-bps Plus Card Modem. Was \$99.95 in 1990 Catalog. **25-1018 . . . 79.95***

2400-bps Half-Card Modem. Similar to 1200-bps (above), plus CCITT V.22 bis. Was \$179.95 in 1990 Catalog. **25-1037 . . . 149.95***

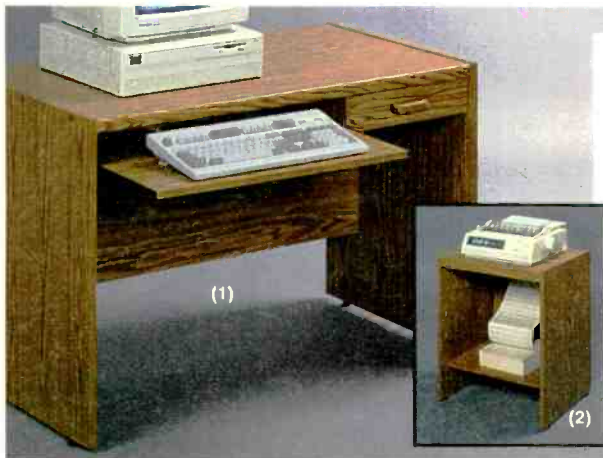
Modems for Tandy Laptop Computers

Computer	Cat. No.	Speed	MNP	Price
1100 FD	25-3538	2400 bps	No	199.95
1400 LT/FD/HD	25-3524	2400 bps	No	199.95
1500 FD	25-3525	2400 bps	No	199.95
2800 FD	25-3555	2400 bps	No	199.95
3800 FD	25-3575	2400 bps	Yes	399.00

*MAY REQUIRE SPECIAL ORDER IN SOME STORES

Use modems only with Bell-compatible equipment. Direct-connect modems require controller for multiline use. Hayes/Reg. TM Hayes Microcomputer Products, Inc.

COMPUTER ENHANCEMENT ACCESSORIES



Workcenter Desk

NEW! (1) The functional workcenter for your whole system. Keyboard shelf slides under desktop when not in use—locks when extended. Simulated oak vinyl veneer. Some assembly required. 26-150 **99⁹⁵**

Printer Stand

(2) For all 132-column printers. Features bottom-feed paper slot and shelf. Was \$59.95 in 1990 Catalog. 26-242 **NEW LOW PRICE! 49⁹⁵**



Rolling System Cart

NEW! This space-saving organizer has room for a complete computer system. It's perfect if you're short on work space! Four shelves are vertically stacked, plus the keyboard and printer shelves slide out and lock in place. Will accommodate a printer up to 20" wide. The simulated oak veneer cart is mounted on four wheels—put it where you need it! 30 1/4" x 22" x 15 7/8". Some assembly is required. 26-118 **69⁹⁵**



Printer Stand With Tray

Elevates 80 or 132-column printers. Paper tray conveniently catches more than 500 sheets of fanfold paper as soon as it prints out. 26-1392 **14⁹⁵**



80-Column Printer Stand

NEW! Lets you store up to 4 inches of paper under your printer. Features a bottom-feed paper slot and skid-resistant feet. 26-146 **19⁹⁵***



Acoustic Cover

Cuts down on printer noise and protects your 80-column printer from damaging dust and spills. Interior: 6 x 19 x 16". Easy assembly. 26-235 **69⁹⁵***



Copy Hinge

NEW! Friction-grip rollers hold copy at eye level. Mounts to either side of monitor. Swings back smoothly when not in use. 26-124 **6⁹⁵***



Printer Supports

The economical and space-saving way to elevate your printer. Creates extra room for fanfold paper storage underneath. Durable plastic. 26-236 **8⁹⁵**



Multiple Form Feeder

NEW! Manages 3 types of continuous form paper, labels and 4-part forms up to 17" wide. Back-feed printers only. 26-268 **24⁹⁵***



Extension Cords

(1) 6' Replacement Computer/Printer Power Cord. UL listed. 278-1257 **3.99**
(2) 6' Safety Cord Cover. AC power cord not included. Beige. 26-1379 **13.95***



Cable Security System

A low-cost theft deterrent. Has 3 mounting plates which attach to equipment. With cable and combination lock. 26-1376 **19.95***



Keyboard Cover

You can protect your keyboard from harmful dust and spills when not in use with this durable, see-thru styrene cover. Fits Tandy (not for 25-4038) and IBM® 101-key keyboards. 26-1336 **8⁹⁵**



Universal Monitor Pedestal

Rotates and tilts smaller CGA and monochrome monitors for your maximum viewing comfort. 26-1369 **16⁹⁵**
NEW! Large VGA Monitor Pedestal. 26-125 **22.95***



Universal Computer Floor Stand

NEW! Two-piece stand helps save valuable work space. Padded supports hold your CPU safely upright either underneath or right next to the workstation. Stands are adjustable from 4 5/8" to 8 7/8" to accommodate most CPUs. 26-119 **14⁹⁵**



Computer Dust Covers

Equipment	Cat. No.	Each
Universal CPU w/Monitor	26-541	9.95
Tandy 1000 EX/HX	26-543	5.95
Universal Color Monitor	26-548	5.95
DMP 107/133/134	26-549	5.95
DMP 240	26-553	5.95
DMP 2130	26-554	6.95*
DMP 300/302	26-550	5.95*
DMP 442/2102/2103	26-551	5.95*



Keyboard Protector

NEW! Remarkable polyurethane cover stays in place while you type! Long lasting, flexible, transparent and causes no interference between adjacent keys. 26-123 **19⁹⁵***



Monitor Platform

Holds a monitor and external disk drive for the Tandy 1000 HX or Color Computer 3. Durable molded plastic. With beige finish. Measures 4 3/4" x 20 7/8" x 12". Easy to assemble. 26-1329 **19⁹⁵**

Extension Cables

5' Shielded Keyboard Cable. For Tandy 1000 SL/TL/3000/4000 with #25-4032 keyboard. 26-256 **14.95**
6' Shielded VGA Monitor. 26-255 **26.95***
6' Shielded Monitor. 26-257 **14.95***

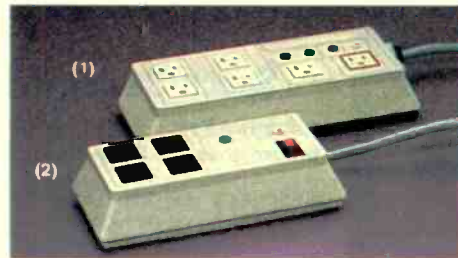
*MAY REQUIRE SPECIAL ORDER IN SOME STORES / ITEMS SHOWN WITH OPTIONAL COMPUTER COMPONENTS (SOLD SEPARATELY)

QUALITY SUPPLIES FOR HOME OR OFFICE



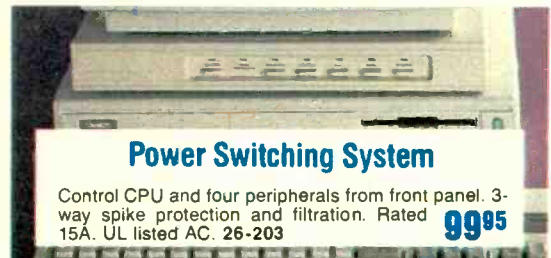
BPS 250 Backup Power

Prevent the loss of valuable computer data during power outages. This invaluable backup system will provide up to seven minutes of full-power operation (250 watts), giving you extra time to backup those important documents. **NEW LOW PRICE!** With 3 outlets. UL listed AC operation. 26-250 **329⁹⁵***



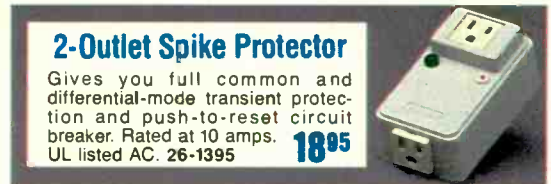
Power Center and Controller

- (1) **6-Outlet Auto Power Controller.** Turns on peripherals when CPU powers up. Full common and differential mode transient spike protection, 3-way filtration. With 6-ft. power cord. U.L. listed AC. **26-1396, 69.95**
- (2) **4-Outlet Power Center.** 3-way transient spike protection, 1-way filtration. 15-amp circuit breaker. With 6-ft. power cord. U.L. listed AC. **26-1365 39.95**



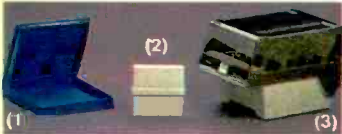
Power Switching System

Control CPU and four peripherals from front panel. 3-way spike protection and filtration. Rated 15A. UL listed AC. **26-203 99⁹⁵**



2-Outlet Spike Protector

Gives you full common and differential-mode transient protection and push-to-reset circuit breaker. Rated at 10 amps. **18⁹⁵** UL listed AC. 26-1395



Protect Your Diskettes

- (1) **Deluxe Library Boxes.**
 3 1/2". Holds 5. 26-1380 **2/2.95**
 5 1/4". Holds 5. 26-1348 **2.95**
- (2) **Economy Tote Boxes.**
 3 1/2". Holds 3. 26-213 **1.09**
 3 1/2". Holds 10. 26-273 **1.29**
 5 1/4". Holds 3. 26-216 **1.19**
 5 1/4". Holds 10. 26-274 **1.39**
- (3) **Diskette Storage Boxes.**
 5 1/4". Holds 50. 26-1362 **14.95**
 3 1/2". Holds 30. 26-1381 **12.95**
- Diskettes sold separately



Quality Tandy Diskettes

- Certified Error Free
- 3 1/2", 5 1/4" and 8" Sizes
- Unformatted, Soft Sectors
- 3 1/2" and 5 1/4" 10-Packs Come In Protective Storage Boxes

Double-Sided

Size	Tracks	Capacity	Qty.	Cat. No.	Was in Catalog RSC-21A	Price
3 1/2"	80	720 KB	3	26-417	6.79	5.95
			10	26-418	18.95	15.95
5 1/4"	40	360 KB	3	26-411		4.59
			10	26-412	11.95	10.95
8"	80	720 KB	3	26-409		7.95
			10	26-410		19.95
8"	77	1.2MB	10	26-4960		39.95*

High-Density Double-Sided

Size	Tracks	Capacity	Qty.	Cat. No.	Was in Catalog RSC-21A	Price
3 1/2"	80	1.44MB	3	26-423	19.95	14.95*
			10	26-424	59.95	42.95*
5 1/4"	80	1.2MB	3	26-421		6.95*
			10	26-422	19.95	18.95*

Single-Sided

Size	Tracks	Capacity	Qty.	Cat. No.	Price
8"	77	608KB	10	26-4906	37.95*

Diskette Labels

3 1/2" Replacement Labels. 25 each of 4 different colors. **26-244, Pkg. 100/2.95**

5 1/4" Replacement Labels. 25 each of 4 different colors. **26-245, Pkg. 100/2.95**



Disk Drive Cleaning Kits

Load like an ordinary diskette to safely remove harmful, data-destroying oxide buildup from either single or double-sided drives. Choose from our economical 15-cleaning kit or the handy disposable 2-cleaning kit. Cleaning takes only seconds and it protects your valuable data!

- 3 1/2". 15 cleanings. 26-253 **7.95**
 5 1/4". 15 cleanings. 26-408 **7.95**
 3 1/2" Disposable Kit. Two cleanings. **26-271 3.29**
 5 1/4" Disposable Kit. Two cleanings. **26-239 2.39**
 8". 15 cleanings. 26-4957 **8.95**



Fanfold Printer Paper

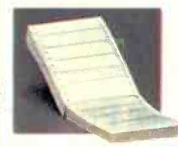
Our quality line of affordable fanfold paper is non-recycled, one-part bond. For maximum convenience, it can be fed directly from the carton into your printer. The "Utility", "Draft" and "Letter" grade options give you added versatility for choosing the right quality paper for your individual printing needs.

Grade	Size	Design	Count	Weight	Brightness	Perforations	Cat. No.	Each
Utility (Good)	9 1/2 x 11"	White	1000	15#	65	Standard	26-130	13.95
		Bluebar	1000	15#	65	Standard	26-131	13.95*
Draft (Better)	9 1/2 x 11"	White	1000	18#	72	Micro-invisible	26-132	17.95
		White	2600	18#	72	Micro-invisible	26-133	39.95*
Letter (Best)	9 1/2 x 11"	White	1000	20#	80	Micro-invisible	26-134	22.95
		White	2500	20#	80	Micro-invisible	26-135	49.95*
Other	14 7/8 x 11"	Bluebar	1000	15#	72	None	26-136	21.95*

- 14 7/8 x 11" Hanging Printout Binder. 26-211 **2.99***
 9 1/2 x 11" Hanging Printout Binder. 26-212 **2.99***

Hard-to-Find Printer Supplies

Print wheels, plotter pens and roll paper for all Tandy and Radio Shack daisy wheel printers and plotters, plus copier supplies are available by special order through our exclusive Consumer Mail service. If not currently in stock, we will order them for you at no extra charge.



Fanfold General Purpose Labels

Pressure-sensitive adhesive.

Width	Carrier	Qty.	Cat. No.	Each
1	4 1/4"	1000	26-1328	6.29
1	4 1/2"	5000	26-261	19.95*
2	9 1/2"	2000	26-262	16.95*
3	9 1/2"	3000	26-263	16.95*



Colorful Mailing Labels

■ Approx. 4" x 3"

NEW! Bright red and yellow design. Pressure-sensitive adhesive. Package of 335. 26-126 **8.95**

NEW! Blue-Header Design. Package of 335. 26-127 **8.95**

*MAY REQUIRE SPECIAL ORDER IN SOME STORES / ITEMS SHOWN WITH OPTIONAL COMPUTER COMPONENTS (SOLD SEPARATELY)

COMPUTER — POWER CONDITIONING, DISKETTES & SUPPLIES

PRECISION PRINTERS FOR THE OFFICE



Space-Saving 6-PPM Laser Printer

- Prints a Fast 6 Pages Per Minute ■ Compact Footprint
- Furnishes 300 Dots-Per-Inch Super-Fine Resolution

NEW! LP 950 Laser Printer. A low-cost investment that yields high-end results. Space-saving design makes it ideal for the small office or anywhere space is at a premium. Features expandable 512K memory, convenient front panel controls, front-loading paper cassette and two font card slots. Comes with letter-size paper tray and Toner, Drum and Developer Cartridges. (TSP available)

26-2838 Lease For Only \$54 Per Month* **\$1599**

*On Our 36-Mo. Commercial Lease (Plus Applicable Use/Sales Tax).

Replacement Toner Cartridge. 26-2841 **64.95**

Replacement Drum Cartridge. 26-2842 **149.95**

Replacement Developer Cartridge. 26-2843 **149.95**

1.5MB Memory Upgrade. 26-2852 **599.00**

Sheet/Envelope Feeders & Font Cards avail. by special order.



Improve Productivity—Fast—With Full-Featured Tandy Dot-Matrix Printers for the Office

NEW! DMP 2130. For high-speed printing, our top-of-the-line 28-wire printer is hard to beat at an ultra-fast 480 cps. Its flat-bed carriage accommodates thicker stock paper or multi-part forms up to 16½" wide, and still prints an original plus 5 copies at super-high speed. With reversible tractor, 32K print buffer and Paper Park. (TSP avail.) **\$1199**
Low As \$37 Per Month

NEW! DMP 2103. The perfect wide-carriage printer for all your printing needs, including accounting. Prints up to 270 cps. Comes with a semi-automatic single-sheet feeder, Paper Park, 128K memory and six resident fonts—Courier, Prestige, Roman, Helvetica, Orator and Gothic. Epson LQ and IBM Proprinter XL24 emulations. (TSP avail.) **\$899**
Low As \$30 Per Month

DMP 442. Our cost-effective 132-column printer handles any office printing needs! High-speed draft mode prints up to 300 cps. With graphics and correspondence modes, push tractor and Paper Park. Includes Courier and Gothic fonts. Tandy/IBM Proprinter II emulations. (TSP avail.) **\$699**
Low As \$25 Per Month
CFS 300 Cut Sheet Feeder. For DMP 302/442/2103 printers. 26-2816 **299.95**

NEW! DMP 302. The ideal printer for general and business uses that don't require a wide carriage. Prints up to 270 cps. Comes with a semi-automatic single-sheet feeder, Paper Park, 128K memory and six resident fonts—Courier, Prestige, Roman, Helvetica, Orator and Gothic. With Epson LQ and IBM Proprinter XL24 emulations. (TSP avail.) **\$599**
Low As \$20 Per Month

PERFORMANCE PRINTERS FOR THE HOME



Color Printer for Home/Office

DMP 240. Perfect for hi-res color printing using optional color ribbon. With reversible tractor feed and 3 letter-quality fonts. Makes charts and graphs come alive! (TSP available) **26-2839, Low As \$20 Per Month 549⁹⁵**
32K RAM Upgrade. 26-2853 29.95**

Triple-Mode Dot Matrix

NEW! DMP 134. With word processing, draft and graphics modes. Uses optional single-color ribbons. IBM Proprinter II emulation. (TSP available) **26-2848, Low As \$15 Per Month 359⁹⁵**
32K RAM Upgrade. 26-2851 59.95**

A Price/Performance Standout

DMP 107. Our budget-priced dot-matrix printer offers quick, dependable printing (up to 100 characters per second). Compact size, with push tractor and Courier font. Prints original plus one copy. (TSP available) **26-2821, Low As \$15 Per Month 279⁹⁵**

Replacement Ribbons for Tandy Printers

Printer	Ribbon	Cat. No	Each
DMP 105/106	Black, Fabric	26-1288	8.95
DMP 110	Black, Fabric	26-1283	8.95
DMP 107/130 series	3 Pack, Black Refill	26-1238	14.95
DMP 107/130 series	3 Pack/Red, Green, Blue	26-1235	19.95
DMP 107/130 series	Black, Fabric	26-1236	10.95
DMP 2130	Black, Fabric	26-2846	34.95
DMP 240	Black, Fabric	26-2824	10.95
DMP 240	4-Color, Fabric	26-2826	29.95
DMP 300/302/2102/2103	Black, Fabric	26-2819	11.95
DMP 430	Black, Fabric	26-1296	14.95
DMP 442	Black, Fabric	26-2823	11.95
DWP 210/230/520	Black, Multi-Strike	26-1445	19.95
DWP 220	Black, Multi-Strike	26-1299	19.95
DWP II/IIIB/510	Black, Multi-Strike	26-1419	19.95
WP 100	Black, Multi-Strike	26-3954	11.95
WP 100	Black, Single-Strike	26-3952	9.95
WP 100	Correction Tape for 26-3954	26-3955	6.95
WP 100	Correction Tape for 26-3952	26-3953	3.95

We Have the Cable for Any Tandy Printer

Fits	Description	Length	Cat. No	Each
Tandy 1000 Series.	Edge Card/36-pin Tandy port for most Tandy printers	6' S	26-225	34.95
		12' S	26-222	39.95
	Edge Card/36-pin IBM port	6' S	26-289	34.95
		12' S	26-1259	39.95
Tandy 3000/4000/5000/1400/WP2/IBM/1100 FD	25-pin male/36-pin Tandy port for most Tandy printers	6' S	26-227	34.95
		12' S	26-223	39.95
	25-pin male/36-pin IBM port	6' S	26-288	34.95
		12' S	26-1258	39.95
Color Computer/MC-10	4-pin DIN/4-pin DIN Special Serial Cable	6' S	26-3020	5.95
Model I/II/III/4/4P/4D	Edge card/36-pin Tandy port	6'	26-1401	29.95
Model II/12/16/16B/2000/6000	34-pin female header/36-pin Tandy port	6'	26-4401	29.95
Model 100/102/200/600	26-pin female header/36-pin Tandy port	6'	26-1409	16.95
26-2840 Extension Cable	36-pin male/36-pin male Requires 26-2840	25' S	26-290	59.95

Note: An "S" after the cable length indicates shielded round cable.



Printer Selector

NEW! Printer Selector Switch 3. Gives fingertip control over your PC/printer hookups. Automatically lets you select between two printers or computers. (TSP Available) **26-2844 99⁹⁵**



Port Converter

Serial-to-Parallel Converter. Lets you use the printer designed for your needs, not your computer's. Converts your personal computer's standard RS-232 port to a parallel printer port. (TSP available) **26-2829 99⁹⁵**



Use One Printer with 4 PCs

Four-Way Printer Switch. The low-cost way to increase your small office's productivity and efficiency. Selector automatically switches a single printer between four different office computers. **26-2828 59⁹⁵**



Printer Cable Extender

Helps you arrange your office to your convenience—puts your printer where you want it. Will extend your printer cable 25 feet when used with the 25-foot extension cable (26-290) sold above. **26-2840 29⁹⁵**

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ADD MORE EXCITEMENT TO YOUR PC



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NEW! **Lightspeed.** Cruise through 200 star systems. Meet more than 30 alien races whose personalities change as they get to know you. Blast away or use persuasion to get what you want! Outstanding 3-D graphics. 25-1385 Available Sept. 15, 1990 **4995**

NEW! **Conquests of Camelot.** Travel from Camelot to Jerusalem and beyond in search for the Holy Grail. If you find it, Camelot will grow strong and prosper once more. If you fail... all is lost. With superb graphics and historical accuracy. 25-1387 **4995**

NEW! **Hero's Quest II.** Experience the vast wonder of the Arabian Nights as you undergo your Trial By Fire! Create a unique Hero, gain experience and do battle to save the beautiful land of Shapair from total devastation. 25-1389 Available Sept. 30, 1990 **4995**

NEW! **Drakkhen.** You must reclaim mystic jewels from the dragon princes to resurrect the great dragon and restore magic to the universe. Unspeakable beasts try to stop you. 25-1391 Available Sept. 30, 1990 **4995**

NEW! **Clue/Risk Bundle.** Two board-game classics in one amazing package! Solve a murder mystery and make your accusation in **Clue**. Choose countries in **Risk** as you fight for world domination. 25-1393 **4995**



NEW! **Secret of the Silver Blades.** A peaceful valley was frozen in a lake of ice 300 years ago to protect it from the Dreadlord. Now, dark mages are melting the glacier, unleashing evil creatures to attack a mining town. You must save the town. 25-1394 **3995**

NEW! **Teenage Mutant Ninja Turtles.** Grab your nunchukus and get ready to save the lovely April O'Neil from the evil Shredder. Control all your moves, change characters during the game, and avoid being turned into turtle soup. 25-1395 **3995**

NEW! **Greg Norman's Shark Attack.** Design your own swing on-screen to make the game more dependent on your skill. Norman's swing is digitized to show you the best form. A 360° perspective lets you see the lie of each shot. 25-1396 **3995**

NEW! **LHX Attack Chopper.** Be the first to fly the experimental, highly classified helicopter! Scenarios in Libya, Vietnam, Germany—choose from many more! Do the impossible, if you dare! 25-1397 **4995**

NEW! **SPOT!** Awesome! Starring the little red dude from the 7-UP® can. "On screen" playfield designer, 512 pre-programmed options and 35 animated moves for mind-bending play. Five radical levels of skill. Not recommended for squares. 25-1398 **3495**

NEW! **USA Today Sports Center.** Informative online service lets you track favorite teams, stay up-to-date on sporting events, play games, shop—all with your PC! 25-1258 Available Sept. 30, 1990 **2995**

Games With Additional Digitized Sound Effects for Your Tandy 1000*



Battle Chess

NEW! A medieval world at war is reflected on the checkered field. Combines a superb chess logic system with 4 megabytes of 3-D animation and digitized sound effects. Modem play. 25-1386 **4995**



Turbo Outrun

NEW! Custom-build your own sleek, turbo-charged Ferrari and race across country! Your driving reputation is on the line. Watch the dangerous curves on the road... and on the babe with you! 25-1392 **3995**



Prince of Persia

NEW! The sultry Sultan's daughter is smitten with you. But a jealous Grand Vizier has other plans. In prison and in love, you must save the girl from marriage—to the wrong man! 25-1390 **3995**



Silent Service II

NEW! Mega-hit WWII sub campaign is redesigned with more battles, scenarios and war patrols. Exciting, realistic combat. With maps and charts of the Pacific. 25-1398 Available Sept. 15, 1990 **4995**

*TANDY 1000 SL, SL/2, TL, TL/2 AND RL / HUNDREDS OF OTHER PROGRAMS FEATURED IN OUR 1991 SOFTWARE BUYER'S GUIDE

MAKE HOME-LEARNING ACTIVITIES FUN



NEW! **Where in Time is Carmen Sandiego?** Carmen and her fugitive gang are pinching priceless objects from all over the world, then escaping to other eras. You don't know where she is—or even *when* she is! Use the Chronoskimmer to travel through time. **4495**
25-1329



NEW! **Alge-Blaster Plus.** Five activities cover material in 1st and 2nd semester algebra, including factoring, quadratic equations and more. Interactive approach makes problem solving easy. **4495**
25-1327



NEW! **Super Solvers: Outnumbered!** Arcade-action game that builds math skills. You'll gather clues to solve a mystery. Uses graphics, sound and real-life contexts to present basic math drills, word problems and more. **4995**
25-1335



NEW! **Super Solvers: Midnight Rescue.** Arcade excitement and reading drills help children understand written information to draw conclusions, read for main idea, recall key facts as they solve an intriguing mystery. With on-line help. **4995**
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NEW! **Spell-A-Saurus.** Two arcade-like spelling activities for children ages 5-12. Large database of words frequently misspelled, with an unlimited spelling list capability. Add your own words. Interactive graphics and animation. **4495**
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NEW! **Dinosaur Discovery Kit 2.3.** Children ages 3-8 can work without adult supervision! Voice-like sound and rich graphics. Teaches picture-word connections, simple sentences, visual/color discrimination and basic problem solving. **3995**
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NEW! **The Sesame Street Electric Crayon Bundle.** Three computer coloring "books" with dozens of pictures to use over and over again. Make picture calendars. Print out your work and color by hand. **2995**
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NEW! **Your Personal Trainer For The SAT.** The only program to use actual questions from the SAT exam. Assesses your performance, then devises individualized training in areas where improvement is needed. Graph your progress, compare to the national average. **4995**
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NEW! **The New Math Blaster.** Proven to raise math grades for students ages 12 to 15+. Five fun activities with positive reinforcement throughout. Build a rocket by solving equations. Solve travel-related math problems. Arcade-style 'Blasteraut' challenges speed and accuracy of math skills. **4995**
25-1380 Available Sept. 30, 1990



NEW! **Sid Meier's Railroad Tycoon.** Go back in time to the Golden Age of railroads. Determine the fate of towns and businesses, the success of entire industries. Expand your empire as economies rise and fall. Compete against other industrial tycoons to earn a greater share of wealth. Features an historically accurate game-world. **4995**
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NEW! **Mavis Beacon Teaches Typing.** Adjusts to your specific needs as you go. Mavis talks to you when you make mistakes. Quotes from history, riddles, rhymes and jokes make learning to type entertaining. Accuracy, Speed, and Completion meters on-screen. Fully detailed 2D and 3D graphics and musical "Tempo-Typing" for added learning fun. **4995**
25-1375

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Prodigy

NEW! Enjoy unlimited access to a wide range of useful online services. Get news, sports, weather, stock quotes. Buy/sell stocks, book airline reservations. Send electronic mail, preview games, educational programs. **4995**
25-1256

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Create personalized greeting cards, signs, calendars and more—you're limited only by your imagination. Multiple graphics and typefaces. Page preview feature. Great color printing on DMP-240. Graphics libraries available. **5495**
25-1298

Print Power

A powerful and flexible print program for home, office and school. Use for flyers, letterheads, posters and multi-line banners. Personalize your greeting cards or make personal stationery. Includes six typefaces, seven variations each. **1995**
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High-powered word-processor with table of contents creation, window function, footnoting, and built-in spelling checker. Also features time-saving macros, split-screen for simultaneous editing of two documents, or parts of one document. **8995**
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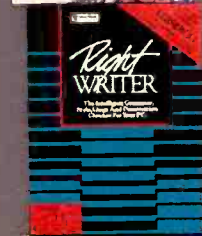
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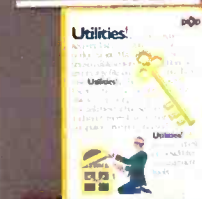
DeskMate Q & A Write. Popular, powerful word processor with the DeskMate interface! Features multi-column and label printing capabilities (up to 8 across), advanced search and replace function, built-in font support. Includes powerful mail merge capabilities and spelling checker for error-free documents. 25-1299
Low As \$15 Per Month **149⁹⁵**



RightWriter. The world's first—and best—expert system for business and technical writing. Using artificial intelligence, this program can critique your document for correct grammar, style, punctuation and usage. Recommends changes where necessary. Works with WordPerfect, Microsoft Word, DeskMate Q & A Write, and over 20 other word processors, and ASCII files. Requires two disk drives and 512K RAM. 25-1300 **79⁹⁵***



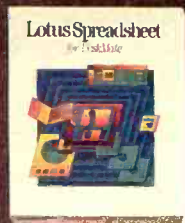
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Utilities! Applications that make life a little easier. *Retrieve* lost files. *Optimize* your disk for faster read/write times. Use *Txtfind* to locate contents of a document. *Diskwipe* and *Filewipe* prevent anyone from reading your blank disk or erased files. Check the memory requirements of programs, or disks for bad sectors. Ten other utilities—all under the easy-to-use DeskMate Interface. 25-1288 **49⁹⁵***



Backup Pro. Is your data safe overnight? Use this high-speed utility to back up important files quickly and easily from your hard disk—up to 10 megabytes in as little as 4 minutes! Offers unparalleled flexibility in allowing you to customize Backup and Restore procedures for your individual needs. It works under the DeskMate Interface, which means it's easy to learn and use. 25-1315 **69⁹⁵***



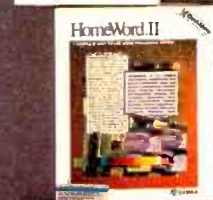
Lotus Spreadsheet for DeskMate. Lotus has combined its expertise in spreadsheets with DeskMate's format of pull-down menus and easy mouse operation to make business planning, financial analysis and speculative calculations easy. Features three integrated programs: spreadsheet, graphics and database. Supports 1-2-3® cell formats, graphs, formulas. 25-1283 **219⁹⁵**
Low As \$15 Per Month



NEW! Quicken 2.1. This program will help you forget your financial hassles—it automates routine household or small business financial tasks. Features check writing, tax recordkeeping, budgeting and cash management. Quicken 2.1 works just like the paper checkbook you use now. There's no need to learn confusing accounting jargon. Supports multiple accounts. 25-1246 **49⁹⁵**



NEW! File Pro for DeskMate. A basic yet powerful file manager with DeskMate's format of pull-down menus and dialog boxes that let you manipulate your databases with ease. Features online help, mail merge with DeskMate Text and Q&A Write, four levels of sorting, file compression, and unlimited records per file. 25-1334 **99⁹⁵***



HomeWord II. Features pull-down menus and dialog boxes for easy menu selection and command input, and "what-you-see-is-what-you-get" text screens. Includes an integrated graphics editing package to liven up your documents, thesaurus, plus an outline processor and spelling checker to organize and polish your efforts. Requires 512K RAM. 25-1266 **69⁹⁵**



MemoryMate. The free-form way to remember everything you need to know—and find it fast! Turns your hodgepodge of assorted notes into an electronic file with every word, phrase and date (of up to a 60-line message) indexed and cross-indexed automatically. Helps you remember appointments, due dates and deadlines, and recall facts, phone numbers and addresses. 25-1247 **49⁹⁵***

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DESKMATE REQUIRED TO RUN COMPANION PROGRAMS

Macros

NEW! Save time and eliminate repetitive work. Designate up to 100 single "accelerator" keys combining a series of up to 1000 keystrokes, commands and/or mouse clicks. Call up the Macros application from any program within DeskMate. 25-1361 **19⁹⁵**

Thesaurus

NEW! Great vocabulary builder that puts just the right word at your fingertips! Add new dimensions to business letters, term papers. Over 220,000 synonyms available. Replace words quickly! For DeskMate **19⁹⁵**
 Text. 25-1365

Business Graphs

NEW! Create eight types of graphs—bar charts, line graphs, pie charts and more. Copy to other files to enhance any document. Create color graphs on VGA/EGA, and then print out graphs with color dot matrix or laser printer. 25-1363 **24⁹⁵**

The Outliner

NEW! Organize reports, essays and speeches with up to ten user-defined levels of detail. Enter topic descriptions with every line of your outline. Print descriptions out with the outline or export to another file to use as a companion document. 25-1364 **19⁹⁵**

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More than 700 Radio Shack Computer Centers nationwide carry the complete line of Tandy® PCs, including high-performance 386-based business systems and a wide range of software. We have what it takes to turn computer systems into *complete PC solutions*.

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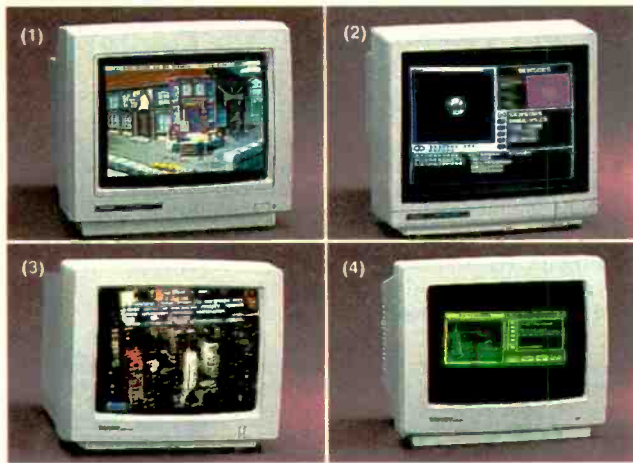
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Complete Your System With a Tandy Monitor

- (1) **CM-5 Color Monitor.** Large 13" screen. 80 x 25 text, 320 x 200 graphics. For all Tandy 1000s or 1400 LT. UL listed AC. (TSP available) 25-1043 **299.95**
6' Monitor Extension Cable. 26-257 **14.95**
- (2) **CM-11 Color Monitor.** The large 13" screen displays 80 x 25 text and 640 x 200 high-resolution graphics. For all Tandy 1000s and the Tandy 1400 LT portable. UL listed AC. (TSP available) 25-1024 **399.95**
- (3) **VGM-200.** This affordable VGA color analog monitor for use with computers with built-in VGA adapters. Or can be used with 25-4043 VGA Adapter, sold separately. (TSP available) 25-4041 **499.95**
- (4) **VM-5.** Low-cost workstation monitor for word or data processing applications. The 12" screen displays 80 x 25 text, 720 x 350 hi-res. graphics. UL listed AC. (TSP available) 25-3012 **149.95**
VGM-100 Monochrome VGA Monitor. (Not shown). 25-4040, **199.95**
VGA Adapter. (Not shown). 25-4043 **199.95**

Plug-In SmartDrive™ IDE Hard Drives

Because hard drive expansion is so important to serious computer users, Tandy makes expansion affordable with SmartDrive! Simply mount your 20MB or 40MB SmartDrive in a 3 1/2" device slot and then plug it into the Tandy computer's SmartDrive IDE socket. No card slot is used because a separate controller board isn't required. Tandy SmartDrives are completely user-installable.

20MB SmartDrive IDE Hard Drive. For the Tandy 1000 TL/2. (TSP available) 25-1045 **399.95**

NEW LOW PRICE! 40MB SmartDrive IDE Hard Drive. For the Tandy 1000 TL/2. Was \$599.95 in 1990 Catalog. (TSP available) 25-1046 **499.95***

NEW! 20MB SmartDrive IDE-XT Hard Drive. For the Tandy 1000 RL. (TSP available) 25-1047 **399.95**

User-Installable 20MB and 40MB Hard Drive Cards

The easy way to get 20MB or 40MB of hard drive expansion. An excellent choice for the Tandy 1000 family or other PC-compatible computers. Includes a thorough installation manual and special installation software for your convenience.

20MB Hard Drive Card. (TSP available) 25-1032 **499.95***

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Internal Floppy Drive Expansion Kits

5 1/4", 360K Disk Drive Kit. For Tandy 1000. Installation recommended (not included). (TSP available) 25-1063 **169.95**

3 1/2", 720K Disk Drive Kit. For Tandy 1000 HX. Installation recommended (not included). (TSP available) 25-1065 **169.95***

NEW LOW PRICE! 3 1/2", 720K Disk Drive Kit. For Tandy 1000 TL, TL/2, RL. With adapter kit (25-1076) unit fits 5 1/4", half-height front-panel slot. Installation recommended (not included). Was \$169.95 in 1990 Catalog. (TSP available) 25-1075 **139.95***

3 1/2" to 5 1/4" Adapter Bracket for 3 1/2" Disk Drive Kit. For use with 25-1075 only. 25-1076 **34.95***

Tandy 1000 EX/HX Expansion Options

External 5 1/4", 360K Floppy Disk Drive. (TSP available) 25-1060 **249.95**

External 3 1/2", 720K Floppy Disk Drive. (TSP available) 25-1061 **279.95***

NEW LOW PRICE! 1200-bps PLUS Card Modem. Was \$99.95 in 1990 Catalog. 25-1018 **79.95***

Memory PLUS Expansion Adapter. 25-1062 **149.95***

Tandy FaxMate™ With the DeskMate® Interface



An easy-to-use facsimile board with software using the DeskMate Graphical User Interface®. The user simply creates a cover sheet using the fax software utility, composes the document with any DeskMate application and sends the data to any regular fax machine. Non-DeskMate applications software can also be used. You can display and print incoming faxes, broadcast a fax to several recipients, poll other stations for incoming faxes and scan printed material using an optional hand or full-page scanner. For Tandy and other PC compatibles with 640K and hard disk. 25-3063 **349.95**

Time and Date in a Chip

SmartWatch. A perpetual clock and calendar combination in a chip. Features battery backup for security. For Tandy 1000, HX, SX, TX, SL, SL/2 and RL computers. Easily user-installable in most PCs. SmartWatch does not require a card slot. 25-1033 **39.95**

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Universal Keyboard Adapter. For Tandy 1000 or 1000 SX, TX. 25-1030 **99.95***

Memory Expansion Kits

NEW LOW PRICE! 128K Memory Kit. Upgrades the Tandy 1000 TX, TL and TL/2 from 640K to 768K RAM, the Tandy 1000 SL from 384K to 640K (requires 2 kits) and the SL/2 from 512K to 640K RAM. Contains four 64K x 4 DRAMs. Was \$69.95 in 1990 Catalog. 25-1078 **39.95***

NEW LOW PRICE! 256K Memory Kit. Adds 256K to Memory PLUS Expansion Adapter (25-1062), or expands the Tandy 1000 SX from 384K to 640K RAM. Contains eight 256K x 1 DRAMs. Was \$149.95 in 1990 Catalog. 25-1079 **59.95***

NEW! 256K Memory Kit. Upgrades the Tandy 1000 RL from 512K to 768K RAM. Contains two 256 x 4 100ns DRAM chips. 25-1082, **59.95***

NEW! CD-ROM Drive. An internal, high-speed, "third-generation" CD-ROM drive that opens your computer to volumes of important data. Features a disk caddy, PC/XT interface card, Microsoft CD-ROM extensions and mounting hardware with instructions. For Tandy 1000/2500/3000/4000 and PC compatibles with an internal 5 1/4" device slot. Installation recommended (not included). (TSP available) 25-1081 **895.00***

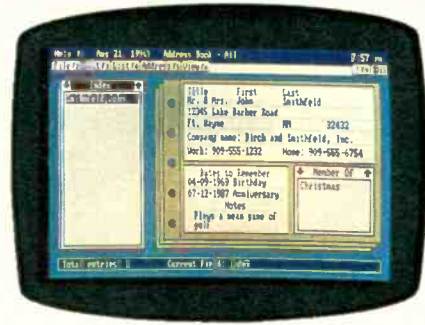
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For Tandy and other PC-compatible computers. 25-1351 99.95

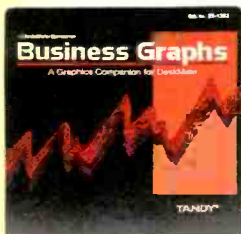
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NEW! DeskMate Business Graphs Companion. The lowest-priced graphics program available! Now you can import and export data between DeskMate applications to form professional-looking graphs and charts. Choose from Bar Charts, Line Graphs, X/Y Plots, Stacked Bars, Pie Charts, Percentage Bars and Data Charts. 25-1363

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NEW! DeskMate Thesaurus Companion. Add this useful, vocabulary-building tool to your DeskMate system and you'll never be at a loss for words! With more than 220,000 words, it will help you come up with just the right words for your writing needs. DeskMate Thesaurus integrates with DeskMate Text for use in your important letters, memos, reports, desktop publishing and more. 25-1365

19.95

NEW! DeskMate Outliner Companion. This 10-level outline processor is perfect for students, executives, writers, teachers—virtually anyone who needs to organize their thoughts. With 99 lines of text per item, the Outliner fits YOUR writing style. You define all descriptions, lock levels and cut and paste at will. Great for briefs and reports. 25-1364

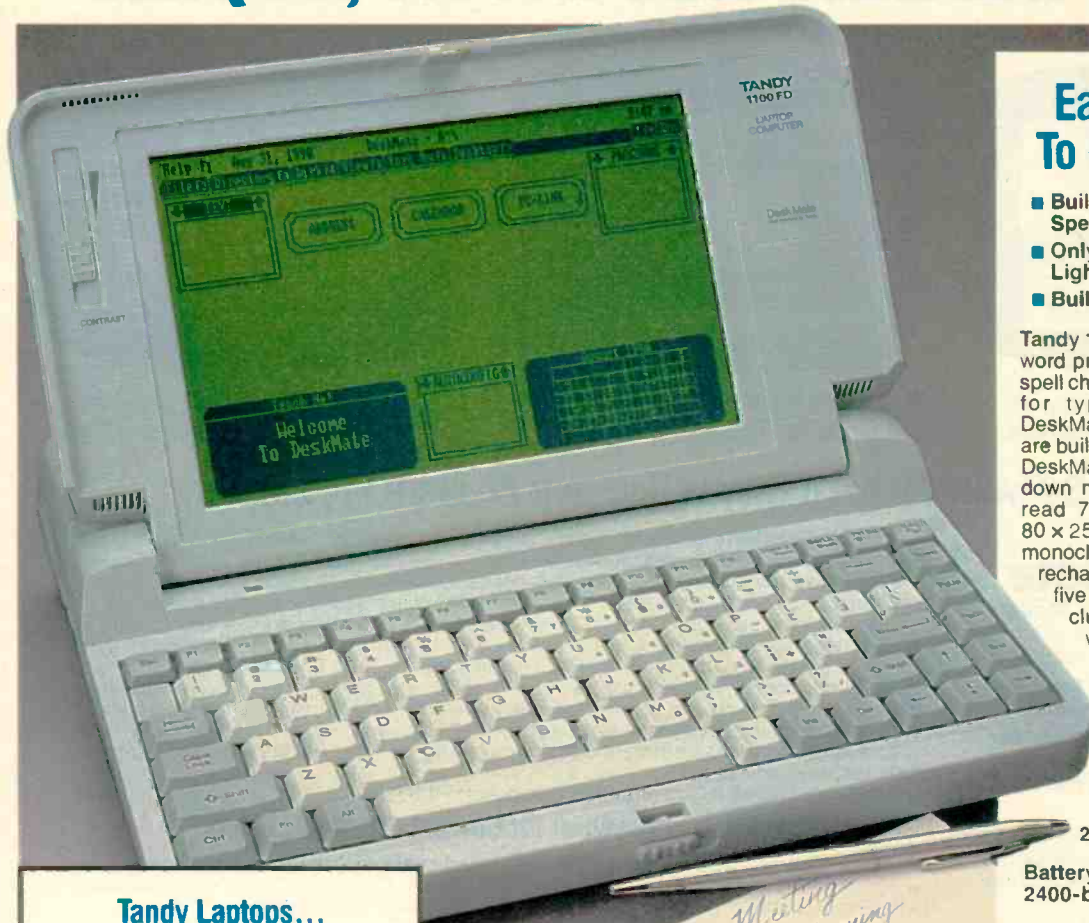
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Reference Guide for Utilizing DeskMate 3

“Getting the Most Out of DeskMate 3.” With lots of hints, tips and ideas, this easy-to-read 2nd-edition tutorial will help new and experienced users alike get the most out of popular DeskMate 3 productivity software. 320 pages. 25-1254 19.95

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Tandy goes above and beyond the standards of other manufacturers. For instance, our keyboards emulate the full 101-key keyboard with standard key spacing, and use the same commands as desktop PCs. The large display screens are easy on the eyes too, but our commitment to quality doesn't stop there. Our laptop PCs are small, lightweight and come with easy-traveling AC adapters. And because we offer support today and tomorrow, a Tandy laptop is a superb long-term investment—NOBODY COMPARES.

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- Only 2³/₈ x 12¹/₈ x 9⁷/₈" and a Lightweight 6.2 Pounds
- Built-In 720K, 3¹/₂" Disk Drive

Tandy 1100 FD. Exclusive instant-on word processing with a 90,000-word spell checker that will proof your work for typos! MS-DOS® and the DeskMate Graphical User Interface® are built in for ease of use. Just follow DeskMate's proven system of pull-down menus on the large, easy-to-read 7.7 x 4.75" screen. Displays 80 x 25 text and 640 x 200 CGA monochrome graphics. Removable, rechargeable battery delivers up to five hours between charges. Includes DeskMate disk software with nine applications. The full-size 84-key keyboard emulates an enhanced 101-key keyboard. With printer port, serial port, UL listed AC adapter. **NEW LOW PRICE!**
Was \$999.00
in RSC-21A. **\$799**
(TSP available)
25-3530, Low As \$25 Per Month

Battery. 25-3536 **29.95**
2400-bps Modem. 25-3538, **199.95**



Laptop Carrying Cases For People On-the-Go

(1) Soft Side Carrying Case. When you're on the move, slide your 2800 HD inside this soft, carrying case for protection and easy portability. 25-3511 **44.95**

NEW! (2) Carrying Case for Full-Size Laptop Computers. Features roomy storage compartments and one front-zipped pocket for extra security. 25-3513 **49.95**

NEW! (3) Carrying Case for Notebook-Size Laptop Computers. Features 2 outside pockets for accessories. 25-3512 **39.95**

PRICES APPLY AT PARTICIPATING RADIO SHACK STORES AND DEALERS

HIGH-PERFORMANCE LAPTOP PCs

Notebook-Size With Built-In Hard Drive

- MS-DOS and DeskMate® Software Included
- 640K, Expandable to 1.64MB
- Built-In 20MB Hard Drive
- Lightweight—Only 6.0 lbs.

NEW! Tandy 1500 HD. A truly portable (only 12.2 x 10 x 1.7") PC compatible. Features include a built-in hard drive with MS-DOS for running today's most popular programs. And since the 1500 HD comes with DeskMate software and the DeskMate Graphical User Interface® already installed, you can begin computing right away. Choose from any of DeskMate's ten productivity applications including word processing, spreadsheet and more. "Power View" lets you know if the power is on while lid is closed. Caps Lock and Control keys are switchable to configure the keyboard for your convenience. With a 10 MHz processor.

\$1999

(TSP available) 25-3506 . . . Low As \$61 Per Month

NEW! Rechargeable/Replaceable Battery. 25-3526 . . . 49.95

NEW! 2400-bps Internal Modem. 25-3525 . . . 199.95



Get 20MB, 286 Performance In a PC-Compatible Laptop

Tandy 2800 HD. A 12 MHz 80C286 microprocessor and 1MB of memory let you process spreadsheets and graphics fast. A built-in 20MB hard drive lets you access programs and data without loading diskettes. MS-DOS and DeskMate® 3 productivity software are built in. The easy-to-read, electroluminescent backlit screen with 640 x 400 EGA monochrome graphics gives you a 8⁵/₈ x 9¹/₈" viewing area comparable to a full-size monitor. With 1.44MB 3¹/₂" disk drive, parallel port, serial port, 1MB memory expansion slot, modem slot and RGB monitor connection. 3¹/₄ x 12¹/₄ x 13⁷/₈".

NEW LOW PRICE!
\$2999

Was \$3499.00 in RSC-21A. (TSP avail.) 25-3550 . . . Low As \$91 Per Month

1MB Memory Upgrade Board. 25-3554 . . . 399.95

2400-bps Internal Modem. 25-3555 . . . 199.95

Replacement Battery. 25-3556 . . . 49.95



A NEW STANDARD IN HOME COMPUTING

THE NEW EASY-TO-USE
**SUCCESS
 GUARANTEED**
 TANDY® 1000 RL



Finally, a Personal Computer For Your Family That's So Easy To Use, It Guarantees Success!

- Designed for Today's Busy Family
- Saves Time by Automating Daily Tasks
- Low-Profile, Whisper-Quiet Design—
 Just 27¹/₈ x 14 x 14⁷/₈"
- Built-In MS-DOS® and DeskMate Graphical
 User Interface®—Just Power and Run



The Tandy 1000 RL Has Earned the Good Housekeeping Seal!

NEW! Tandy 1000 RL. Finally, the easiest to use home computer from America's leader in PC compatibles! The Tandy 1000 RL is a true Home Organizer with the tools you need to plan schedules, file valuable information and perform other household or personal management tasks. Bring work home from the office or school to your own "friendly" environment. MS-DOS and the DeskMate Interface (with its easy-to-follow menus and prompts) make the 1000 RL easy to use for everyone in your family. And there's 512K RAM—enough for most applications—that's expandable to 768K. Use DeskMate's included word processing, spreadsheet, database and graphics or use the new DeskMate Home Organizer, exclusively with the 1000 RL (see story next page). A 3¹/₂" disk drive is built-in, so you can use durable, pocket-size diskettes. Plus, an additional drive/device slot lets you add either a second 3¹/₂" disk drive or a 20MB SmartDrive.

The 1000 RL comes with many "extras" built in. Video board, PS/2® mouse port, printer port, two joystick ports, a volume-controlled headphone jack and a microphone jack so you can take advantage of incredible sound capabilities. And the 1000 RL's 101-key enhanced keyboard is identical to the keyboard used with our top-of-the-line 386-based business computers—you'll appreciate its professional "tactile" feel. An 8-bit expansion slot lets you add accessories such as an internal modem that will give you access to electronic banking or DeskMate's PC-Link® online information service. The Tandy 1000 RL is a terrific value, with features that fit your lifestyle. (TSP available)

25-1450 Low As \$20 Per Month

599⁹⁵

Monitor and mouse not included.

Tandy 1000 RL With 20MB Hard Drive. A Tandy exclusive! The 1000 RL Hard Drive is ready-to-go, with DeskMate software and Home Organizer package loaded onto the built-in 20MB SmartDrive. You can get started the minute you turn your computer on. There's no installation or formatting required. It couldn't be easier! You can load your own programs onto the hard drive for improved speed of operation. A real-time clock with battery backup keeps track of the time and date perpetually. (TSP available)

25-1451 Low As \$30 Per Month

999⁹⁵

NEW! THE DESKMATE HOME ORGANIZER

24 Lifestyle Applications—All Included With the Tandy 1000 RL



Discover the DeskMate Difference... The Friendly Face in the PC Crowd.SM

- With Recipes From The New Good Housekeeping Cookbook*
- Keep a Standard List of Frequently-Purchased Grocery Items
- Offers a Computerized Message Board for Families On the Go
- Financial Applications Scrutinize Income and Expenses — A Real Time-Saver at Tax Time
- Organizes Hectic Family Schedules and Appointments
- Automatically Figures Your Checkbook Balance and Reconciles Your Bank Statement With Your Check Register

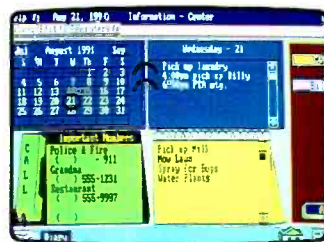
With the Tandy 1000 RL's DeskMate, you get nine easy-to-use applications. Plus, you also get the DeskMate Home Organizer with useful applications in three categories: Personal, Kitchen and Financial.

Your Personal organizer includes software that will take care of everything from home inventory lists to a diary. Comprise a detailed inventory of your possessions, or keep a private diary on your own diskette. A secret password and encrypted data file ensures that your personal diary entries will be for your eyes only. The automated bulletin board stores important phone numbers and makes scheduling daily appointments—even vacations—a breeze!

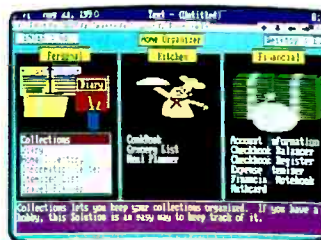
The Kitchen Organizer comes complete with recipes for appetizers, entrees and desserts, and you can enter your own family favorites as well. You can plan entire meals, then check what you'll need on your computerized grocery list—a time-saving dream!

The comprehensive Financial applications let you track your income and expenditures right down to the last penny. The Checkbook Register keeps a running total of your current checking balance and the Checkbook Balancer will reconcile your bank statement with your check register. Itemize your expenses by category and the computer will construct a pie chart to show graphically how your money was spent. Look for monthly trends in spending during the year—a super time-saver at tax time! The Financial Notebook keeps watch over your investments, loans and savings along with a useful Mathcard that will figure confusing financial formulas for you. The DeskMate Home Organizer is the computerized way to put your life in order.

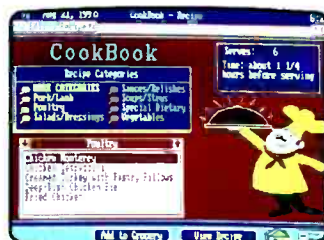
The Information Center is a computerized "message board" that displays those important phone numbers, appointments and a calendar simultaneously



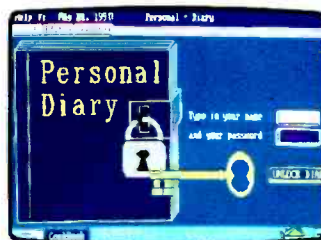
Home Organizer is designed to help streamline your family's busy lifestyle—from personal schedules or household management tasks to planning meals and more



The Kitchen application lets you file your favorite recipes, plan complete meals from appetizers to desserts, and check what items you need on a computerized grocery list



The Personal application lets you keep a private diary or a detailed inventory of your possessions and collections



Accessories to Make the Most of Your 1000 RL

CM-5 Color Monitor. An economical way to bring color to your computing. The 13" screen displays 80 x 25 text and 320 x 200 graphics. (TSP available) **25-1043** **299.95**

CM-11 High-Resolution Color Monitor. Create stunning graphics at 640 x 200, or display text at 80 x 25. Features a large, 13" screen. (TSP available) **25-1024** **399.95**

NEW! 2-Button Mouse. PS/2® and Microsoft® compatible. For Tandy computers with a PS/2-style mouse port. **25-1042** **49.95**

NEW! 256K Memory Kit. Upgrades the Tandy 1000 RL to 768K RAM. Contains two 256 x 4 100ns DRAM chips. **25-1082** **59.95**

SmartWatch. A perpetual clock/calendar with battery backup in a chip. Plugs into the BIOS ROM socket. User installable in most PCs. **25-1033** **39.95**

NEW! 20MB SmartDrive. For upgrading the Tandy 1000 RL. (TSP available) **25-1047** **399.95**

NEW LOW PRICE! 3 1/2", 720K Disk Drive Kit. An economical way to expand the Tandy 1000 RL's power. Installation recommended (not included). Was \$169.95 in 1990 Catalog. (TSP available) **25-1075** **139.95**

Save \$115.75 on Tandy 1000 RL System



The Perfect Starter System For Home or Dorm

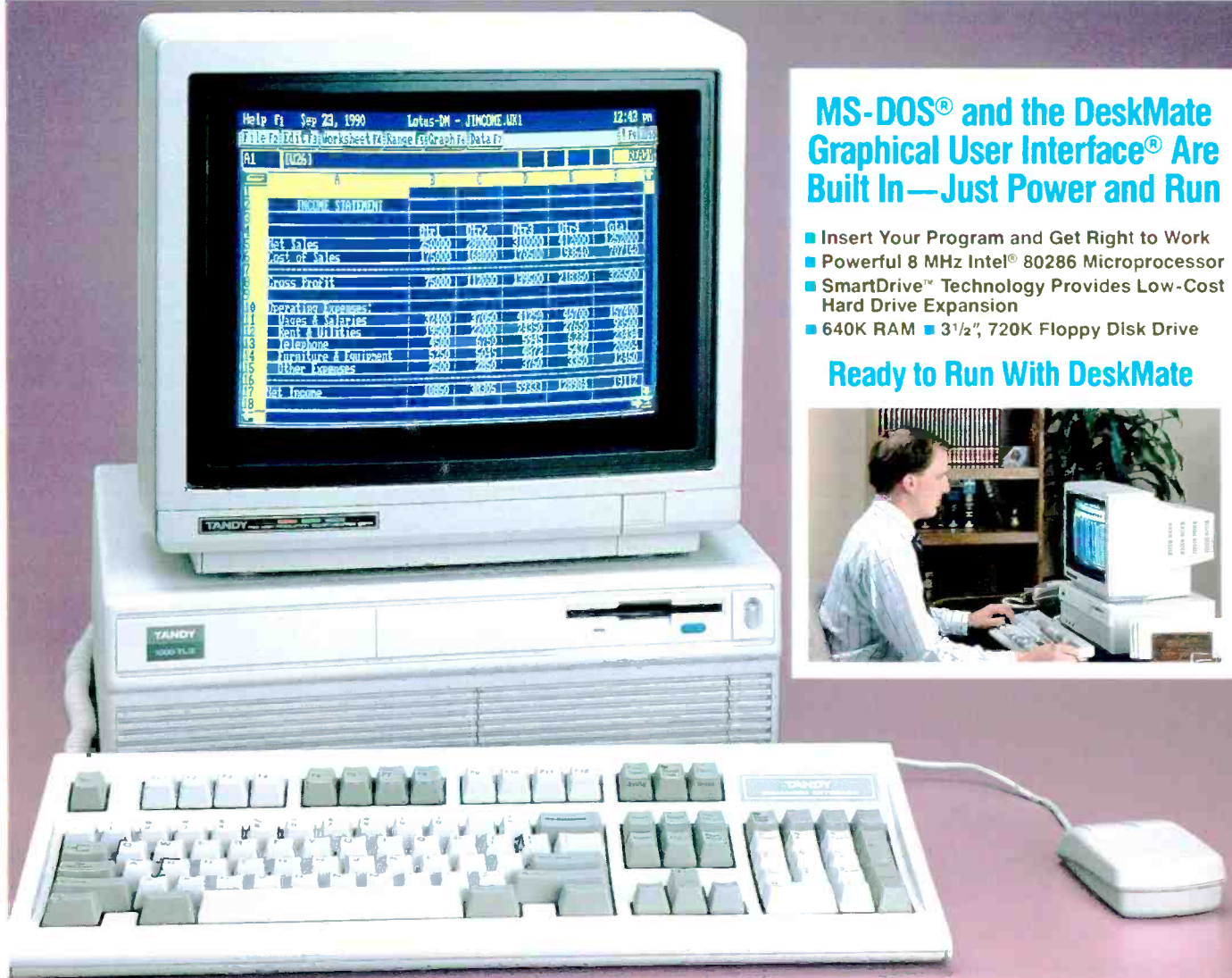
\$1149

Reg. Separate Items 1264.75

System Includes Tandy 1000 RL, Color Monitor, PS/2 Mouse, DMP-107 Printer and Cable.

Low As \$35 Per Month 25-1150/1042/1043, 26-2821/227

EQUIP YOUR HOME OFFICE AFFORDABLY



MS-DOS® and the DeskMate Graphical User Interface® Are Built In—Just Power and Run

- Insert Your Program and Get Right to Work
- Powerful 8 MHz Intel® 80286 Microprocessor
- SmartDrive™ Technology Provides Low-Cost Hard Drive Expansion
- 640K RAM ■ 3 1/2", 720K Floppy Disk Drive

Ready to Run With DeskMate



Tandy 1000 TL/2. One of our best-selling PC compatibles is now \$300 less than last year. Unlike other PCs, the TL/2 comes with MS-DOS and the DeskMate Graphical User Interface built into memory. Just turn it on and up comes an organized display of your programs. Then, let the DeskMate Graphical User Interface guide you through tasks with its proven format of pull-down menus and pop-up dialog boxes. Plug in a monitor, printer, modem, or faxboard and you're ready to take on the world right from your home. With 286 performance you'll have ample power to run a small, home-based business. Or you can use the same MS-DOS software you use at your office, so you can finish spreadsheets and reports after hours—in the comfort of your home. Students can finish school work and learn at home with a wide variety of educational software. Your first program, DeskMate, is included. DeskMate features Text word processing with a built-in 90,000-word spelling dictionary, Worksheet, Filer, Calendar and Address Book and draw applications. Features Hercules monochrome and enhanced CGA color graphics, a real time clock with battery backup, two joystick ports and digital

sound and speech capabilities. SmartDrive technology lets you add 20 or 40 megabytes of data storage without the expense of a controller board. There are four PC-compatible card slots and a socket for a math coprocessor. A parallel printer adapter and a RS-232 serial port are both built in. Was \$1299.00 in the 1990 catalog. (TSP available) **25-1602 Low As \$30 Per Month**

**NEW
LOW PRICE!
99995**

Monitor and mouse sold separately

- CM-11 High-Resolution RGBI Color Monitor. 25-1024 . . . **399.95**
- CM-5 RGBI Color Monitor. 25-1043 **299.95**
- 20-Megabyte SmartDrive. Hard drive. 25-1045 **399.95**
- 40-Megabyte SmartDrive. Hard drive. 25-1046 **499.95**
- Tandy 2-Button Mouse. Serial Version. 25-1040 **49.95**
- Complete System—SAVE \$150.80. Tandy 1000 TL/2 with CM-11 Color Monitor, 20MB SmartDrive and Mouse. Reg. Separate Items 1849.80. 25-1602/1024/1045/1040 **1699.00**

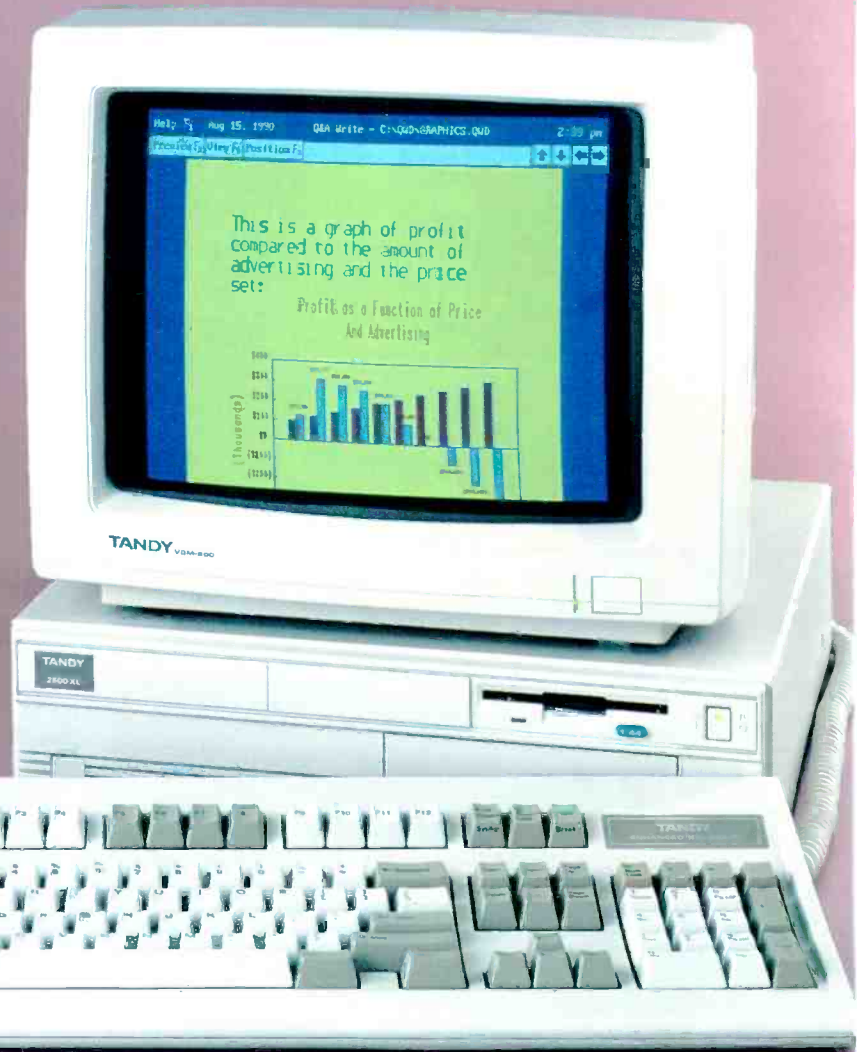
OUR EASIEST-TO-USE BUSINESS PC EVER

COMPUTERS—HOME & OFFICE PC-COMPATIBLES

VGA Graphics, MS-DOS® and DeskMate Are Built In—Get Down to Business...Fast!

- 10MHz Intel 80286 Microprocessor
- 16-Bit VGA Graphics Display in 256 Colors
- 1MB Memory, Expandable to 16MB
- Built-In 3 1/2", 1.44MB Floppy Disk Drive
- Digital Audio ■ Internal Real-Time Clock

Enjoy Point and Click Productivity



NEW! Tandy 2500 XL. The plain-English approach to business computing! Pull-down menus and pop-up dialog boxes replace cryptic commands. Get 286 performance with your PC-compatible business software. DeskMate productivity software is included. Expansion bays swing open for easy upgrades using three AT-compatible card slots, plus there's room for an additional 3 1/2" and 5 1/4" drive. Built-in SmartDrive technology lets you add 52 or 105 megabytes of data storage quickly and economically. (TSP available)

25-4074 Low As \$46 Per Month

Monitor and mouse sold separately

VGM-200 Color Monitor. 25-4041	499.95*
52MB 1" SmartDrive. Hard drive. 25-4124	599.00*
105MB 1" SmartDrive. Hard drive. 25-4130	899.00*
Tandy 2-Button Mouse. PS/2® compatible. 25-1042	49.95

Complete System—SAVE \$248.90. Tandy 2500 XL with VGM-200 Color Monitor, 52MB SmartDrive and PS/2 mouse. Reg. Separate Items 2647.90. 25-4074/4041/4124/1042

\$1499*



New! Complete Tandy 2500 XL System With CD-ROM Drive

Save \$543.90 on this complete system! With an internal CD-ROM drive and its enhanced sound, speech and graphics capabilities, the 2500 XL is perfect for multimedia CD-ROM applications. It's easy to build an entire reference library, because each CD-ROM disc can store over 60C megabytes of data! (For CD-ROM software, see our 1991 Radio Shack Software Buyer's Guide.) System includes 52MB SmartDrive, VGM-200 Color Monitor and PS/2 mouse. Reg. Separate Items 3542.90

\$2999

25-4074/4041/4124/1081/1042 Low As \$97 Per Month

*MAY REQUIRE SPECIAL ORDER AT SOME STORES PS/2 Reg. TM/IBM Corp.



Radio Shack is the number one retailer of consumer electronics in the USA. We're the smart place to buy. Of the more than 3200 items in this catalog, nearly all are either manufactured by us or custom-manufactured to our exacting specifications. And every one of our Tandy® Desktop computers is manufactured in our own factories, right here in the USA . . . Nobody Compares.



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