

**OSD**  
OPTIMAL  
SPEAKER  
DESIGN

PRODUCT CATALOG





## OUR STORY

Founded in 2003 by a group of audiophiles who understood that good audio products didn't necessarily have to cost an arm and a leg. We started with a small line of outdoor rock speakers that immediately gained attention from consumers who were astounded by the sound quality and reasonable price. We soon expanded our line to include in-wall and ceiling speakers, amplifiers, speaker selectors and more. Eventually we grew to be a market leader for everything home audio, right down to the wire!

Our product line is always expanding for both consumers and installers who appreciate quality products at a great price. We have over 1200 models of speakers, electronics and A/V accessories designed and engineered in the United States and manufactured directly from top-rated ISO 9004 factories. These same factories produce some of world's most famous brand name speakers. We found a way to bridge the gap between great sound and affordable pricing, and we are constantly looking for ways to bring even better quality and pricing to customers throughout the world.

Although the company has since grown, we are still a family. OSD is made up of sales, marketing and administrative staff, each with a different job to do but all with the same goal—to ensure that every customer has the best possible experience. Everyone at OSD believes that customers come first. Unlike other companies, we won't hide behind automated voice mail systems and complicated email processes. Our staff is available to answer questions and to provide technical support and personal customer service.

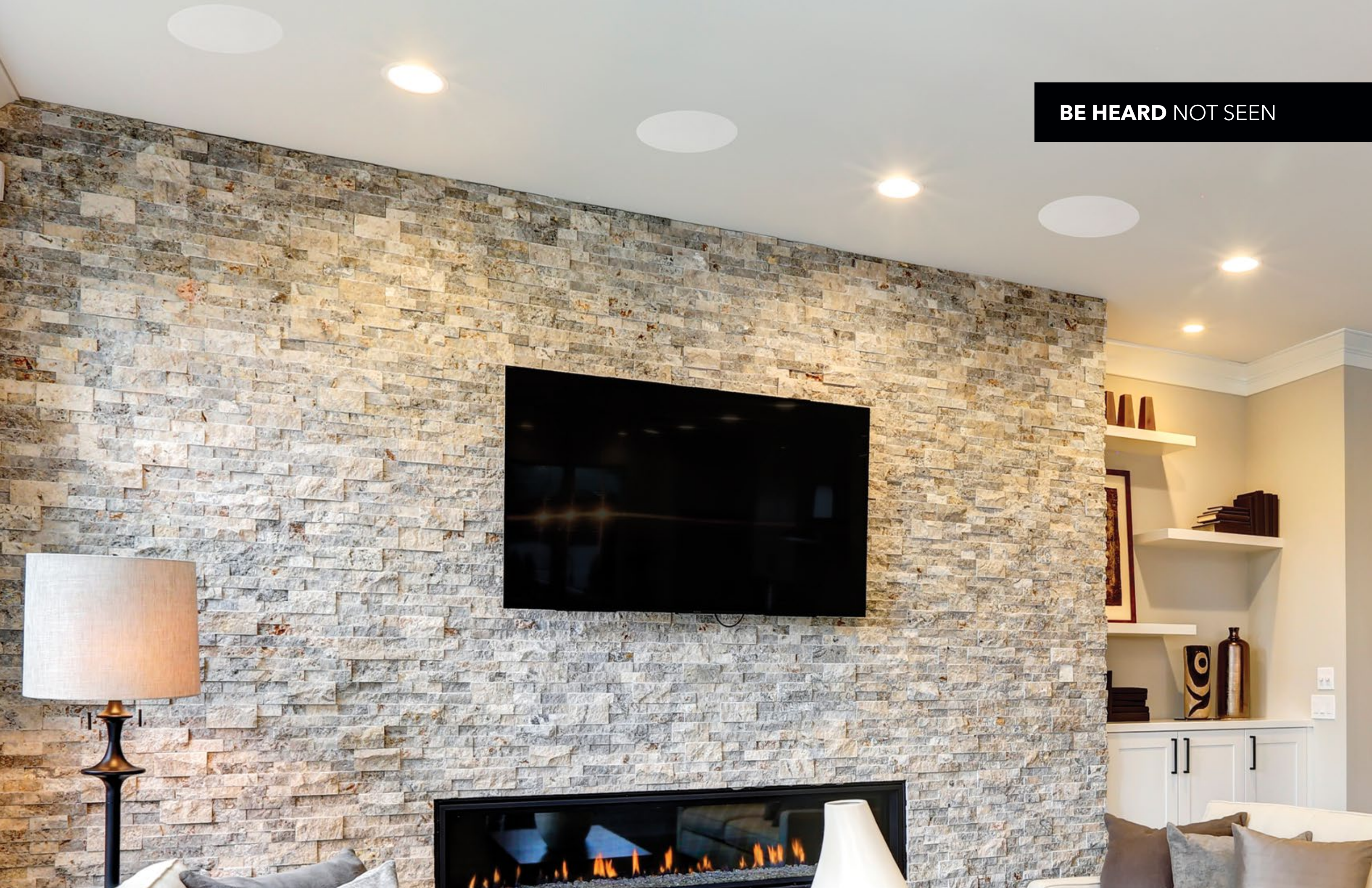
DAVE CHAI - President



## CONTENTS

TRIMLESS	6
STANDARD TRIM	12
MONITOR/BOOKSHELF	20
SUBWOOFER	22
OUTDOOR	28
AMPLIFIERS	42
SPEAKER SELECTORS	54
VOLUME CONTROL	56
CABLES & WIRE	60
INSTALL SUPPLIES	68

**BE HEARD NOT SEEN**



# TRIMLESS SPEAKERS



## HEARD BUT NOT SEEN - EXPERIENCE THE DIFFERENCE TRIMLESS MAKES.

If you're looking to add in-ceiling speakers to your living room, home theater, bedroom, kitchen or other area, now is a great time to buy. The audio technology behind in-wall and in-ceiling speakers is better than ever, and you'll love (and be amazed) at how discreet in-wall and in-ceiling speakers are and how much extra space they add to rooms. What makes these speakers so popular is not only the amazing audio quality, but the fact they are virtually invisible thanks to micro-trim grilles. Once installed, the trimless speakers simply and elegantly integrate into any interior, and paintable grilles create an even more stealthy appearance.

### KEY FEATURES



#### Trimless Grille

- Blends seamlessly into any decor.
- Strong magnetic retention system
- Paintable for color matching



#### Pivoting Tweeter

- Premium materials for the smoothest response
- Enjoy spine-tingling high notes
- Pivots to accommodate room layout



#### Custom X-Over

- 12dB crossover network
- Engineered with premium components
- Directs frequencies with pin-point accuracy



NERO IC87A

Angled LCR Speaker  
 Woofer: 8" Carbon Fiber Composite  
 Tweeter: 1" Pivoting Titanium Dome  
 Butyl Rubber Surround  
 Treble Contour Switch  
 Power Handling: 175W  
 Freq Response: 35Hz - 20kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms



ACE850

Woofer: 8" Carbon Fiber Composite  
 Tweeter: 1" Pivoting Titanium Dome  
 Butyl Rubber Surround  
 Power Handling: 175W  
 Freq Response: 35Hz - 20kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms



ACE840

Woofer: 8" Glass Fiber  
 Tweeter: 1" Pivoting Titanium Dome  
 Butyl Rubber Surround  
 Power Handling: 100W  
 Freq Response: 35Hz - 20kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms



ACE800

Woofer: 8" Polypropylene  
 Tweeter: 1" Pivoting PEI  
 Butyl Rubber Surround  
 Power Handling: 120W  
 Freq Response: 40Hz - 20kHz  
 Sensitivity: 87db  
 Impedance: 8 ohms



ACE840TT

Woofer: 8" Glass Fiber DVC  
 Tweeter: Dual 1/2" Titanium Coated  
 Butyl Rubber Surround  
 Power Handling: 120W  
 Freq Response: 38Hz - 20kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms



NERO IC67A

Angled LCR Speaker  
 Woofer: 6.5" Carbon Fiber  
 Tweeter: 1" Pivoting Aluminum Dome  
 Butyl Rubber Surround  
 Treble Contour Switch  
 Power Handling: 90W  
 Freq Response: 45Hz - 20kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms



ACE650

Woofer: 6.5" Carbon Fiber  
 Tweeter: 1" Pivoting Titanium  
 Butyl Rubber Surround  
 Power Handling: 90W  
 Freq Response: 45Hz - 20kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms



ACE640

Woofer: 6.5" Glass Fiber  
 Tweeter: 1" Pivoting Titanium  
 Butyl Rubber Surround  
 Power Handling: 150W  
 Freq Response: 40Hz - 20kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms



ACE640TT

Woofer: 6.5" Glass Fiber DVC  
 Tweeter: Dual 1/2" Titanium Coated  
 Butyl Rubber Surround  
 Power Handling: 120W  
 Freq Response: 45Hz - 20kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms



ACE600

Woofer: 6.5" Polypropylene  
 Tweeter: 3/4" PEI Dome  
 Butyl Rubber Surround  
 Power Handling: 120W  
 Freq Response: 50Hz - 22kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms



ACE500

Woofer: 5 1/4" Polypropylene  
 Tweeter: 3/4" PEI Dome  
 Butyl Rubber Surround  
 Power Handling: 75W  
 Freq Response: 79Hz - 20kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms

# TRIMLESS CONT.



Woofer: 3" Polypropylene  
Power Handling: 60W  
Freq Response: 120Hz - 20kHz  
Sensitivity: 88db  
Impedance: 8 ohms

**ACE400**



Type: 6.5" In-Wall LCR Speaker  
Woofer: Dual 6.5" Kevlar Cones  
Tweeter: 1" Aluminum Dome  
Frequency Response: 40Hz-22kHz  
Power Handling: 200 Watts  
Sensitivity: 89 dB  
Impedance: 8 Ohms  
Gold-Plated Binding Posts  
Paintable Grille Included  
Left, Center, Right Application  
Sold As: Single

**IW650LCR**



Type: 5.25" In-Wall LCR Speaker  
Woofer: Dual 5.25" Carbon & Glass Fiber Cone  
Tweeter: 1" Ceramic Coated Aluminum  
Frequency Response: 57Hz-20kHz  
Power Handling: 150 Watts  
Sensitivity: 87 dB 1w/1m  
Impedance: 8 Ohms  
Inputs: Spring Binding Posts  
Paintable Grille Included  
Left, Center, Right Application  
Magnetically Shielded  
Sold As: Single

**IW550LCR**



Type: 5.25" In-Wall LCR Speaker  
Woofer: Dual 5.25" Polypropylene Woofers  
Tweeter: 1" Pivoting Silk Dome  
Frequency Response: 55Hz-20kHz  
Power Handling: 150 Watts  
Sensitivity: 86 dB 1w/1m  
Impedance: 8 Ohms  
Inputs: Spring Binding Posts  
Paintable Grille Included  
Left, Center, Right Application  
Magnetically Shielded  
Sold As: Single

**IW525LCR**



Type: 5.25" In-Wall LCR Speaker  
Woofer: Dual 5.25" Kevlar Cone  
Tweeter: 1" Aluminum Dome Horn Loaded  
Frequency Response: 45Hz-20kHz +/- 10dB  
Crossover: 12dB Cross Over w/ Dual Contour Switches  
Power Handling: 10-160 Watts  
Sensitivity: 89 dB 1w/1m  
Impedance: 8 Ohms  
Pre-Construction Frame  
Paintable Grille Included  
Left, Center, Right Application  
Sold As: Single

**NERO IWLCR55**



Type: 5.25" In-Wall LCR Speaker  
Woofer: Dual 5.25" Graphite Cone  
Tweeter: 1" Silk Horn Loaded  
Frequency Response: 50Hz-20kHz +/- 10dB  
Crossover: 12dB Cross Over w/ Dual Contour Switches  
Power Handling: 10-150 Watts  
Sensitivity: 88 dB 1w/1m  
Impedance: 8 Ohms  
Pre-Construction Frame  
Paintable Grille Included  
Left, Center, Right Application  
Sold As: Single

**NERO IWLCR53**



# STANDARD CEILING SPEAKERS



## CLASSIC ARCHITECTURAL DESIGN.

Standard Trim In-Ceiling speakers are a natural for whole-house audio. Multiple sizes provide solutions to almost any application, large or small. These speakers provide excellent power handling capability while producing smooth bass notes, distinctive sound staging and impressive audio resolution. Pivoting tweeters can be aimed toward the listening area of your choice making these a natural part of your home theater system as well.

## KEY FEATURES



### Classic Grille

- Looks like most of the current fixtures in your home.
- Paintable for color matching



### Pivoting Tweeter

- Premium materials for the smoothest response
- Enjoy spine-tingling high notes
- Pivots to accommodate room layout



### Custom X-Over

- 12dB crossover network
- Engineered with premium components
- Directs frequencies with pin-point accuracy



ICE1080HD

Woofer: 10" Injected Composite Paper Cone  
Tweeter: 1" Ferrofluid Cooled Silk Dome  
Midrange: 2.5" Treated Paper Cone  
Frequency Response: 30Hz - 20kHz  
Power Handling: 150W  
Sensitivity: 89 dB  
Impedance: 8 Ohms



ICE870

Angled LCR Speaker  
Woofer: 8" Carbon Fiber Composite  
Tweeter : 1" Pivoting Aluminum Dome  
Treble Contour Switch  
Power Handling: 150W  
Freq Response: 55Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



ICE850

Woofer: 8" Carbon Fiber Composite  
Tweeter : 1" Pivoting Titanium Dome  
Butyl Rubber Surround  
Power Handling: 175W  
Freq Response: 35Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



ICE840

Woofer: 8" Glass Fiber  
Tweeter : 1" Pivoting Titanium Dome  
Butyl Rubber Surround  
Power Handling: 150W  
Freq Response: 40Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



ICE800

Woofer: 8" Polypropylene  
Tweeter: ½" PEI Dome  
Butyl Rubber Surround  
Power Handling: 140W  
Freq Response: 40Hz - 20kHz  
Sensitivity: 87db  
Impedance: 8 ohms



ICE660

Angled LCR Speaker  
Woofer: 6½" Polypropylene  
Tweeter: 1" Pivoting Silk Dome  
Butyl Rubber Surround  
Treble Contour Switch  
Power Handling: 150W  
Freq Response: 50Hz - 20kHz  
Sensitivity: 92db  
Impedance: 8 ohms



ICE630

Angled LCR Speaker  
Woofer: 6½" Polypropylene  
Tweeter: ½" Pivoting PEI Dome  
Power Handling: 125W  
Freq Response: 52Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



ICE640

Woofer: 8" Glass Fiber  
Tweeter : 1" Pivoting Titanium Dome  
Butyl Rubber Surround  
Power Handling: 150W  
Freq Response: 40Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



ICE610

Woofer: 6½" Polypropylene  
Tweeter: ½" PEI Dome  
Butyl Rubber Surround  
Power Handling: 120W  
Freq Response: 50Hz - 20kHz  
Sensitivity: 88db  
Impedance: 8 ohms



ICE520

Woofer: 5¼" Polypropylene  
Tweeter: ½" PEI Dome  
Butyl Rubber Surround  
Power Handling: 100W  
Freq Response: 65Hz - 22kHz  
Sensitivity: 88db  
Impedance: 8 ohms

# WEATHER RESISTANT



## MUSIC ANYWHERE YOU WANT IT.

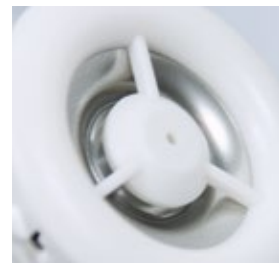
For rooms prone to humidity such as bathrooms, laundry rooms and hot tubs, moisture can cause speaker parts to rust and even stop working after only a few months. OSD's WRS Series of In-Ceiling Speakers is specifically designed for these areas so you can relax in the tub and enjoy beautiful sound. These moisture-resistant speakers have powder-coated grilles and specially treated internal components that withstand humidity and can even be used outside in covered porches. The WRS Series includes polypropylene woofers with santoprene surround and moisture-resistant tweeters for excellent high and low notes.

## KEY FEATURES



### Moisture Resistant

- Specifically for high humidity areas
- Treated to withstand moisture
- Powder coated grilles and sealed internal components



### Performance

- Polypropylene woofer with Santoprene surround
- Moisture resistant tweeters
- High power handing capability



### Multi-Application

- Ideal for saunas, bathrooms and laundry rooms
- Enjoy music i high humidity areas
- Perfect for covered porches and patios



**ICE840WRS**

Woofer: 8" Glass Fiber  
Tweeter: 1" Pivoting Titanium Dome  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 150W  
Freq Response: 38Hz - 20kHz  
Sensitivity: 90db  
Impedance: 8 ohms



**ICE800WRS**

Woofer: 8" Polypropylene Cone  
Tweeter: 1" Pivoting Polycarbonate  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 150W  
Freq Response: 38Hz - 21kHz  
Sensitivity: 90db  
Impedance: 8 ohms



**ICE800TTWRS**

Woofer: 6.5" Polypropylene  
Tweeter: Dual 1" Polycarbonate  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 150W  
Freq Response: 38Hz - 21kHz  
Sensitivity: 89db  
Impedance: 8 ohms



**ICE640WRS**

Woofer: 6.5" Glass Fiber  
Tweeter: 1" Pivoting Titanium Dome  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 150W  
Freq Response: 40Hz - 20kHz  
Sensitivity: 90db  
Impedance: 8 ohms



**ICE600WRS**

Woofer: 6.5" Polypropylene Cone  
Tweeter: 1" Pivoting Polycarbonate  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 150W  
Freq Response: 48Hz - 20kHz  
Sensitivity: 90db  
Impedance: 8 ohms



**ICE600TTWRS**

Woofer: 6.5" Polypropylene  
Tweeter: Dual 1" Polycarbonate  
Santoprene Surround  
Rust Resistant Aluminum Grilles  
Power Handling: 120W  
Freq Response: 48Hz - 20kHz  
Sensitivity: 89db  
Impedance: 8 ohms



# 70V COMMERCIAL



## COMMERCIAL SOUND ELEVATED.

From restaurants to offices, from theme parks to hotels, OSD has commercial speakers for just about any application. Our high-end 70v in-ceiling models are very popular for commercial applications that require premium sound quality & top notch aesthetics. These speakers have a built-in 70v transformer with multiple tap settings & are available in both 6.5" & 8" versions. For a more traditional commercial design, check out our rugged C1070V & C1090VK speakers that come fully equipped with 6.5 & 5.25" drivers with 6 oz. magnets and dual 70/25V transformers.



**NERO ARC SUB**

Type: Pendant Subwoofer  
 Woofer: 8" Graphite Cone, Rubber Surround  
 Frequency Response: 55Hz-125Hz +/- 3db  
 Power Handling: 300 Watts RMS  
 Sensitivity: 84dB  
 Impedance: 4 Ohm/ 70V  
 Taps 70V: 0, 25W, 12.5W, 5.25W, 3.12W  
 Taps 100V: 0, 50W, 25W, 12.5W, 6.25W  
 Termination: Pluggable Terminal Blocks  
 Attachment: Brackets/Safety Cable  
 Certifications: IP66  
 Color: Black/White



**NERO ARC8**

Type: 2-Way Pendant  
 Tweeter: 1.1" Silk Soft Dome  
 Woofer: 8" Graphite Cone, Rubber Surround  
 Frequency Response: 55Hz-20kHz +/- 3db  
 Power Handling: 200 Watts RMS  
 Sensitivity: 86dB  
 Impedance: 8 Ohm/ 70V  
 Taps 70V: 0, 25W, 12.5W, 6.25W, 3.12W  
 Taps 100V: 0, 50W, 25W, 12.5W, 6.25W  
 Termination: Pluggable Terminal Blocks  
 Attachment: Brackets/Safety Cable  
 Certifications: IP66  
 Color: Black/White



**NERO ARC6**

Speaker Type: 2-Way Pendant  
 Tweeter: 1" Silk Soft Dome  
 Woofer: 6.5" Graphite Cone, Rubber Surround  
 Frequency Response: 65Hz-20kHz +/- 3db  
 Power Handling: 150 Watts RMS  
 Sensitivity: 85dB  
 Impedance: 8 Ohm/ 70V  
 Taps 70V: 0, 20W, 10W, 5W, 2.5W  
 Taps 100V: 0, 40W, 20W, 10W, 5W  
 Termination: Pluggable Terminal Blocks  
 Attachment: Brackets/Safety Cable  
 Certifications: IP66  
 Color: Black/White



**NERO ARC4**

Speaker Type: 2-Way Pendant  
 Tweeter: 0.75" Silk Soft Dome  
 Woofer: 4" Graphite Cone, Rubber Surround  
 Frequency Response: 75Hz-20kHz +/- 3db  
 Power Handling: 60 Watts RMS  
 Sensitivity: 83dB  
 Impedance: 8 Ohm/ 70V  
 Taps 70V: 0, 10W, 5W, 2.5W, 1.25W  
 Taps 100V: 0, 20W, 10W, 5W, 2.5W  
 Termination: Pluggable Terminal Blocks  
 Attachment: Brackets/Safety Cable  
 Certifications: IP66  
 Color: Black/White

## KEY FEATURES



### High Performance

- ST Series delivers premium sound quality with built-in 70v switch taps, and home audio styling
- C Series provides dependable audio component in a traditional commercial speaker chassis with integrated 70v transformer



### Easy Installation

- Easy access connectors
- Dog-ear mounting system for easy installation



### 70V Transformer

- Built-In 70v transformer for easy connecting
- 70v tap offers multiple wattage settings as well as 8ohm option
- Both switch tap and line transformer on select models



**PC640 WHITE**

6.5" Polypropylene Woofer  
 1" Dome Tweeter  
 140 Degree Sound Dispersion  
 Integrated 70v Tap  
 Power Handling: 100W  
 Freq Response: 60Hz-20kHz  
 Sensitivity: 92db  
 Impedance: 8 ohms  
 Wattage Taps: 20W, 10W, 5W, 2.5W



**PC640 BLACK**

6.5" Polypropylene Woofer  
 1" Dome Tweeter  
 140 Degree Sound Dispersion  
 Integrated 70v Tap  
 Power Handling: 100W  
 Freq Response: 60Hz-20kHz  
 Sensitivity: 92db  
 Impedance: 8 ohms  
 Wattage Taps: 20W, 10W, 5W, 2.5W



Type: 70V Commercial with Back Can  
 8" Polypropylene Woofer  
 1" PEI Dome Tweeter  
 Dual Voice Coil / Single Stereo  
 Power Handling: 120W  
 Freq Response: 45Hz - 22kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms  
 Wattage Taps: 10W, 5W, 2.5W, 1.2W

**ICE800ST**



Type: 70V Commercial with Back Can  
 6.5" Mica-Filled Poly Woofer  
 ½" PEI Dome Tweeter  
 Butyl Rubber Surround  
 Power Handling: 100W  
 Freq Response: 60Hz - 22kHz  
 Sensitivity: 88db  
 Impedance: 8 ohms  
 Wattage Taps: 10W, 5W, 2.5W, 1.2W

**ICE620ST**



Type: Trimless 70V Commercial Speaker  
 6.5" Mica-Filled Poly Woofer  
 ½" PEI Dome Tweeter  
 Butyl Rubber Surround  
 Power Handling: 100W  
 Freq Response: 50Hz - 22kHz  
 Sensitivity: 89db  
 Impedance: 8 ohms  
 Wattage Taps: 20W, 10W, 5W, 2.5W

**ACE600ST**



Type: Commercial Speaker w/ Built-in  
 Front Volume Control  
 Woofer: 8" Dual Cone  
 Frequency Response: 40 Hz to 20kHz  
 Max Power: 20W  
 Impedance: 8 Ohms/ 70V  
 Wattage Taps: 5W, 2.5W, 1.25W, 0.63W  
 & 0.32W  
 Transformer: Dual 70V/25V, 5W

**C1090VK**



Type: Commercial Speaker  
 Woofer: 8" Dual Cone  
 Frequency Response: 40Hz-20kHz  
 Max Power: 20W  
 Impedance: 8 Ohms/ 70V  
 Wattage Taps: 5W, 2.5W, 1.25W, 0.63W  
 & 0.32W  
 Transformer: Dual 70V/25V, 5W

**C1070V**



Heavy Duty 70V Transformer 100W  
 freq response: 20Hz-20kHz  
 Primary taps: 20, 15, 10, 5W  
 Secondary impedance: 8, 4 ohms  
 Insertion Loss: 1dB  
 6" leads  
 Double side adhesive tape  
 for easy mounting

**SP70T-100**



70V Transformer 25W  
 20Hz-20kHz ± 1dB frequency response  
 Primary taps: 20, 15, 10, 5W  
 Secondary impedance: 8, 4 ohms  
 Insertion Loss: 1dB  
 6" leads  
 Double side adhesive tape for easy mounting

**SP70T**



External Burial in-line Transformer  
 Weatherproof Design  
 Convert 8ohm speaker into 70v  
 Input to Output Cable Seals  
 8ohm to 2.5, 5, 10, 15, 20W taps  
 "No Tool" taps selection  
 ABS impact resistant enclosure

**EW70V**





## AMAZING SOUND

The AB5 Active Studio Monitor is our latest addition to this category. The AB5 is perfectly suited in any listening environment, whether home office/studio, gaming, large or small production facilities, with absolute clarity. It delivers accurate monitoring and provides the listener with a neutral tool to enjoy or create recordings that optimize the clarity.

The AB5 features a dedicated internal DSP that optimizes phase, frequency response and dynamics. This makes the sound more accurate and transients more vivid and detailed, while at the same time improving the dynamics and the natural timbre of the sound.

## KEY FEATURES



### DSP Power

- 75W + 25W Class-D Amplifiers
- DSP Processing



### Precision

- 5.25" Composite Fiber glass Woofer
- Tweeter: 1" ferrofluid cooled Soft Dome tweeter
- OSD Precision Waveguide



### Performance & Style

- Low distortion frontal Vented Ports
- Front Inverted Cabinet W/ Transparent Fabric Grille & 3M® EVA Antivibration Pad



**NERO AB5 DSP**

5.25" Active Monitor Speaker  
 Woofer: 5.25" Composite Fiberglass  
 Tweeter: 1" ferrofluid cooled Soft Dome  
 Power: 75W + 25W Class-D Amplifiers  
 Freq Response: 50Hz-20kHz  
 0° Phase Response  
 OSD Precision Waveguide  
 DSP Processing  
 Low distortion frontal Vented Ports  
 Sold as Single



**NERO MB5**

5.25" Bookshelf Speakers  
 Woofer: 5.25" Paper Cone Woofer  
 Tweeter: 1" Silk Dome  
 Power Handling: 100W Peak  
 Freq Response: Low-75Hz +/- 3dB to 50Hz +/- 9dB High-30kHz  
 Sensitivity: 90db  
 Max SPL: 110dB  
 Impedance: 4 ohms  
 Sold In Pairs



**NERO MODQ3**

3" Bookshelf Speaker  
 Woofers: Dual 3" Fiberglass Cone  
 Tweeter: 1" Silk Dome  
 Power Handling: 60W RMS 120W Peak  
 Frequency Response: 100Hz - 20kHz  
 Sensitivity: 85db  
 Max SPL: 103-106 dB-Peak  
 Impedance: 8 ohms  
 Sold as Single



**NERO MODQ2**

3" Bookshelf Speakers  
 Woofer: 3" Fiberglass Cone Woofer  
 Tweeter: 1" Silk Dome  
 Power Handling: 50W RMS 100W Peak  
 Frequency Response: 101Hz - 20kHz  
 Sensitivity: 85db  
 Max SPL: 101 dB-Peak  
 Impedance: 8 ohms  
 Sold in Pairs



**NERO MODQ MOUNT**

Articulating Wall Mount  
 For use with MODQ2 & MODQ3  
 Easily & Fully Adjustable  
 Sold as Single



**NERO MINI**

Home Theater Satellite Speaker  
 Woofer: 3" Paper Cone  
 Power Handling: 25W Max.  
 Freq Response: 100Hz-20kHz  
 Sensitivity: 85±3dB  
 Impedance: 8 Ohm  
 Mounting: Bracket/Screw  
 Cabinet Material: ABS  
 Color: Black or White  
 Sold as Single

## SUBWOOFERS



# IN-WALL ON-WALL



## SPACE SAVING BASS

In-wall subwoofers are an increasingly popular choice for home theaters and whole house audio because they don't take up floor space and fade easily into architectural designs. A good in-wall subwoofer can provide the same rich bass and life-like sound of free-standing speakers, so you don't have to compromise sound quality for aesthetics.

## KEY FEATURES



### High Performance

- Dual woofers for increased SPL
- High Power Handling
- Butyl Rubber Surround



### Blends In

- Paintable Frame & Grille
- Trimless design on select models
- Takes up zero floor space



### Easy Installation

- Dog-ear or stud bay mounting system for easy installation
- Shallow Mounting Depth
- Compatible with any type of loudspeaker amp or A/V receiver



IWS10

Speaker Type: 10" In-Wall Subwoofer  
 Woofer: 10" Polypropylene with Rubber Surround  
 Freq Response: 38Hz - 200Hz  
 Power Handling: 200 Watts  
 Sensitivity: 2.83V/1m: 86 dB  
 Impedance: 8 Ohms  
 Inputs: Spring Binding Posts  
 Mounting Bracket for Easy Installation Included  
 Paintable Grille & Frame Included  
 Integrated Rear Dust Shield



IWS8

Speaker Type: 8" In-Wall Subwoofer  
 Woofer: 8" Polypropylene  
 Freq Response: 40Hz - 200Hz  
 Power Handling: 150 Watts  
 Sensitivity: 2.83V/1m: 87 dB  
 Impedance: 8 Ohms  
 Inputs: Spring Binding Posts  
 Dog Ear Installation Brackets  
 Cut-Out Template for Easy Installation  
 Paintable Grille & Frame Included  
 Integrated Rear Dust Shield



IWS88

Speaker Type: Dual 8" In-Wall Subwoofer  
 Woofer: Dual 8" Injected Polypropylene w/ Reinforced Back Plate  
 Freq Response: 38Hz-500Hz  
 Power Handling: 350 Watts  
 Sensitivity: 90 dB @ 1W/1M  
 Impedance: 4 Ohms  
 Inputs: Spring Binding Posts  
 Dog Ear Installation Brackets  
 Cut-Out Template for Easy Installation  
 Paintable Grille Included



NERO FS800

Speaker Type: 8" Trimless In-Wall Subwoofer  
 Woofer: 8" Polypropylene with Rubber Surround  
 Freq Response: 60Hz - 500Hz  
 Power Handling: 200 Watts  
 Impedance: 8 Ohms  
 Inputs: Gold-Plated Binding Posts  
 Sealed Tuned Enclosure  
 Paintable Grille Included

# POWERED SUBS



## SOUND YOU CAN FEEL

If you want to make a great sound system sound even greater, add a subwoofer speaker to the mix. These specialized speakers produce only the lowest audible frequencies that traditional speakers are not designed to do, so you'll hear and even feel thunderous, rich bass in movies, gaming, and music soundtracks. There are many types of subwoofers for sale and placement options to suit just about any size room or budget, and today's subwoofers are capable of impressive power output in much smaller footprints than their behemoth predecessors.

## KEY FEATURES



### Power

- Dual woofers for increased SPL
- High Power Digital Amp
- Butyl Rubber Surround



### Performance

- Variable Crossover
- Phase Control
- Low Frequency Response



### Design

- Tuned enclosures
- Small Footprint Compact Design
- Freestanding, Under Sofa, Wall Mount



PS12

Speaker Type: 12" Free-Standing Front Firing Subwoofer  
 Woofer: 12" Polypropylene Cone with Rubber Surround  
 Frequency Response: 25 Hz to 120Hz (-3dB ref.0dB)  
 Power Handling: 300 Watts  
 Sensitivity: Variable, 350mV to 2.8V for Rated Power at 8 Ohms  
 Impedance: 8 Ohms  
 Phase: 0-180°  
 Inputs: L&R / Low Level



PS10

Speaker Type: 10" Free-Standing Front Firing Subwoofer  
 Woofer: 10" Polypropylene Cone with Rubber Surround  
 Frequency Response: 25Hz to 120Hz (-3dB ref.0dB)  
 Power Handling: 200 Watts  
 Sensitivity: Variable, 350mV to 2.8V for Rated Power at 8 Ohms  
 Impedance: 8 Ohms  
 Phase: 0-180°  
 Inputs: L&R / Low Level



SS8

Speaker Type: 8" Single Drive Ultra Thin Powered Subwoofer  
 Woofer: 8" Injected Cone  
 Frequency Response: 30Hz-150Hz  
 Power Handling: 200 Watts  
 Impedance: 8 Ohms  
 Inputs: RCA Line Level and Speaker Line Level  
 Tuning: Front Firing Port  
 Phase: 0-180°  
 Level Control: Variable  
 Variable Low-pass Filter 40Hz - 150Hz @ 18dB/Octave  
 Optional Wall Mount Bracket SS-8-Bracket Available



NERO DUAL X8

Speaker Type: 8" Free-Standing Front Firing Subwoofer  
 Active Woofer: 8" Polypropylene  
 Passive Woofer: 8"  
 Frequency Response: 20Hz to 160Hz (-3dB ref.0dB)  
 Power Handling: 300 Watts  
 Impedance: 8 Ohms  
 Phase: 0-180°  
 Inputs: L&R Low Level  
 Voltage: 100-120V AC / 220-240V AC



NERO TUBE BASS 10

Speaker Type: 10" Down-Firing Powered Subwoofer  
 Woofer: 10" Polypropylene  
 Frequency Response: 30Hz - 120 Hz  
 Power Handling: 400 Watts  
 Impedance: 8 Ohms  
 Phase: 0-180°  
 Inputs: L&R / Low Level  
 Voltage: 100-120V AC / 220-240V AC



NERO WSA

Wireless Subwoofer Accessory  
 5.8 GHz operating frequency  
 Upgraded chip set for reliability  
 Up to 150 ft operation distance between transmitter and receiver (line of sight).  
 Audio Output Level: 2V  
 Frequency Response: 18Hz-22KHz  
 Audio Distortion: <1%  
 Signal to Noise Ratio: >80dB



NERO WRSKII

Type: Wireless Amplifier Speaker & Subwoofer Kit  
 Peak Power Output: 25 Watts per channel  
 Audio Output Level: Subwoofer Out: 2V Speaker Out: 25W (load at 4ohm)  
 Frequency Response: Subwoofer: 20Hz - 200Hz  
 Speaker: 20Hz - 20kHz  
 2.4GHz Digital Wireless Link for Crystal Clear Audio  
 Signal to Noise Ratio: >80dB  
 Audio Distortion: <1%  
 Up to 100 FT operation distance between transmitter & receiver (line of sight)  
 What's included: transmitter, receiver, 9V AC adapter, 15V AC adapter, strands (2), 6 FT speaker wire, & user guide



WSK SUB

Wireless Subwoofer Kit  
 Audio transmission: digital, uncompressed, bidirectional, adaptive FHSS  
 Transmitter frequency: 5.8 GHz  
 Transmitter range: Max 100 ft - line of sight, 50 ft through walls and ceilings  
 Freq Response: 10Hz ~ 23KHz  
 Signal-to-noise ratio: >80dB  
 Audio Output Level: 2V  
 Max. number of receivers per transmitter: 4  
 Transmitted data rate: 5 Mbps  
 Channel separation: typ. 90 dB

**OUTDOOR SPEAKERS**



# PATIO SPEAKERS



## TAKE IT OUTSIDE

Today's outdoor speakers are more versatile than ever and offer many ways to bring your favorite tunes to the backyard, pool, or patio. Designed for the difficult acoustics that exterior spaces present, the best outdoor speakers include reinforced, weatherproof enclosures that withstand inclement weather and include components that compensate for the fact that outdoor environments don't have walls and ceilings to reflect sound waves. Choosing the right outdoor speakers depends on the size and layout of your space. Large backyards can benefit from outdoor speakers with 8" woofers and 200W of power handling, while a pair of 5.25" 100W rock speakers may be just the right fit for smaller yards. Weather-proof surface-mount patio speakers provide great sound quality, and when mounted under eaves, can last for years.

## KEY FEATURES



### Durable

- Durable UV resistant enclosures, sealed internal components, powder coated grilles and brackets
- 8", 6.5", 5.25" All-Weather speaker models adapt to any application



### 70V Options

- Four commercial 70v models available
- Integrated 70v transformers with multiple tap settings
- Indoor/Outdoor design is ideal for a wide variety of commercial applications



### Performance

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



AP850

Type: 8" 2-Way Indoor/ Outdoor Patio  
 Woofer: 8" Poly Cone with Rubber Surround  
 Tweeter: 1" Ferrofluid Cooled Silk Dome  
 Frequency Response: 33Hz - 22kHz  
 Power handling: 180W  
 Sensitivity: 90 dB  
 Impedance: 8 Ohms  
 Inputs: Gold-Plated Spring-Loaded Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Steel Grille  
 Silicone-sealed Internal Cabinetry and Driver  
 Colors Available: Black or White



AP840

Type: 8" 2-Way Indoor/ Outdoor Patio  
 Woofer: 8" Polypropylene  
 Tweeter: 1" Soft Dome  
 Frequency Response: 30Hz to 22kHz  
 Power handling: 180W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Aluminum Grille  
 Colors Available: Black or White



AP670

Type: 6.5" 2-Way Indoor/ Outdoor Patio  
 Woofer: 6.5" Waterproof Paper Cone  
 Tweeter: 1" Silk Dome  
 Frequency Response: 44Hz to 22kHz  
 Power handling: 120W  
 Sensitivity: 90 dB  
 Impedance: 8 Ohms  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Aluminum Grille  
 Low Resonance Composite Cabinetry  
 Colors Available: Black or White



AP450

Type: 4" 3-Way Indoor/ Outdoor Patio  
 Woofer: 4" PP Cone  
 Mid: 2" PP Cone  
 Tweeter: 1/2" PEI Dome  
 Frequency Response: 70Hz to 22kHz  
 Power Handling: 80W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Aluminum Grille



AP650 70V

Type: 6.5" Indoor/ Outdoor Patio, 70V Optional  
 Woofer: 6.5" Water Resistant Treated Paper Cone  
 Tweeter: 1" Silk Dome  
 Frequency Response: 37Hz to 20kHz  
 Power handling: 150W  
 Sensitivity: 90 dB  
 Impedance: 8 Ohms w/ Optional 70V Transformer  
 70V Taps: 4, 8, 16, 32W  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility; IPX6 Rated  
 Silicone-sealed Internal Cabinetry and Driver  
 Powder-coated Rust-resistant Steel Grille  
 Colors Available: Black or White



AP640T

Type: 6.5" 3-Way Indoor/ Outdoor Patio, 70V  
 Woofer: 6.5" Polypropylene  
 Mid: 1" Soft Dome  
 Tweeter: 3/4" Dome  
 Frequency Response: 32Hz to 20kHz  
 Power handling: 150W  
 Sensitivity: 90dB  
 Impedance: 8 Ohms w/ Optional 70V  
 70V Taps: 4, 8, 16, 32W  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-weather Versatility  
 Powder-coated Rust-resistant Aluminum Grille  
 Colors Available: Black or White



AP525 70V

Type: 5.25" Indoor/ Outdoor Patio, 70V Optional  
 Woofer: 5.25" Water Resistant Treated Paper Cone  
 Tweeter: 1/2" PEI Dome  
 Frequency Response: 38Hz to 20kHz  
 Power handling: 75W  
 Sensitivity: 90 dB  
 Impedance: 8 Ohm w/ Optional 70V Transformer  
 70V Taps: 2.5, 5, 10, 20, 25W  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Steel Grille  
 Sturdy Fiberglass Reinforced Plastic Frame  
 Colors Available: Black or White



AP520T

Type: 5.25" Indoor/ Outdoor Patio, 70V Optional  
 Woofer: 5.25" Polypropylene  
 Tweeter: 1/2" Mylar Dome  
 Frequency Response: 55Hz to 22kHz  
 Power handling: 120W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms w/ Optional 70V  
 70V Taps: 4, 8, 16, 32W  
 Inputs: Gold-Plated Binding Posts  
 Weather Resistant: All-Weather Versatility  
 Powder-coated Rust-resistant Aluminum Grille  
 and Composite Cabinet  
 Colors Available: Black or White



FORZA 6

Speaker Type: 6.5" Weather-Resistant Hanging  
 Pendant Speaker (70V/8 Ohm)  
 Woofer: 6.5" Poly Cone with Rubber Surround  
 Tweeter: 1" Silk Dome  
 Frequency Response: 100Hz-20kHz  
 Max Power: 80 Watts  
 Sensitivity: 85 dB  
 Impedance: 8 Ohms/ 70V  
 Dispersion Angle: 120'  
 30W Transformer (70V/ 100V)  
 Taps: 40 Watts, 20 Watts, 10 Watts, 5 Watts  
 IP66 Rated, Dust Proof and Water Resistant  
 Powder-coated Rust-resistant Grille  
 Optional Landscape Mount Kit



FORZA 5

Speaker Type: 5.25" Weather Resistant Hanging  
 Pendant Speaker (70V/8 Ohm)  
 Woofer: 5.25" Poly Cone with Rubber Surround  
 Tweeter: 1" Silk Dome  
 Frequency Response: 110Hz-20kHz  
 Max Power: 60 Watts  
 Sensitivity: 84 dB  
 Impedance: 8 Ohms/ 70V  
 Dispersion Angle: 120'  
 Taps: 30 Watts, 15 Watts, 7.5 Watts, 3.75 Watts  
 IP66 Rated, Dust Proof and Water Resistant  
 Powder-coated Rust-resistant Grille  
 Optional Landscape Mount Kit



# BLUETOOTH PATIO



## STREAM IT

Wireless speakers have come a long way, thanks to Bluetooth® and Wi-Fi technology, and outdoor speakers are no exception. Wireless outdoor speakers can be installed without the hassle of running speaker wire underground or through walls and eaves, and there are plenty of options including rock, planter, patio and garden speakers that blend effortlessly into any landscape or pool area. While outdoor Bluetooth® and Wi-Fi speakers are technically wireless, they still require power and must be plugged into a standard AC outlet. Pair these speakers with your phone, tablet or wireless-enabled receiver and you'll bask in outdoor audio whenever and wherever you want.

## KEY FEATURES



### Bluetooth

- Connect and stream music from any bluetooth enabled device
- Indoor/Outdoor design is ideal for a wide variety of applications



### IP67 Power

- IP67 rated water proof power supply
- Integrated power amplifier in the master speaker



### Performance

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



**BTP650**

Type: 2-way Bluetooth® Patio Speakers  
 Woofer: 6.5" Polypropylene Cone with Butyl Rubber Surround  
 Tweeter: 1" Soft Dome Tweeter  
 Frequency Response: 38Hz-20kHz  
 Power Handling: 150W  
 Impedance: 8 Ohms  
 Bluetooth® Version: 5.0  
 Compatible with A2DP Standard  
 Powder-coated Rust-resistant Steel Grille  
 Composite Resin Low Resonator Cabinet  
 Included: IP67 Waterproof Power Adapter, Speaker Wire, and Waterproof Wire Connectors  
 Sold As: Pair  
 Colors Available: Black or White



**BTP525**

Type: 2-way Bluetooth® Patio Speakers  
 Woofer: 5.25" Treated Paper Cone with Butyl Rubber Surround  
 Tweeter: 1" Silk Tweeter  
 Frequency Response: 38Hz-20kHz  
 Power Handling: 100W  
 Impedance: 8 Ohms  
 Bluetooth® Version: 5.0  
 Compatible with A2DP Standard  
 Powder-coated Rust-resistant Steel Grille  
 Composite Resin Low Resonator Cabinet  
 Included: Weather Resistant Power Adapter, Speaker Wire, and Waterproof Wire Connectors  
 Sold As: Pair  
 Colors: Black or White

# ROCK SPEAKERS



## INTEGRATED OUTDOOR SOUND

OSD rock speakers stand up to the toughest weather conditions and will continue to provide high fidelity sound under severe weather. These realistic looking rock speakers blend into your outdoor space discreetly within any surrounding and deliver excellent sound. Rock speakers are one of the most popular audio "formations," and range in size and price depending on how big the space you need to fill. Small backyards or patios can use rocks with 5.25" woofers, medium size yards are well suited for 6.5". Larger yards or pool areas benefit from 8" behemoths with ground shaking power. We've designed each of our rock speakers to withstand all kinds of weather conditions, including rain, snow and sun. Even in severe weather, these outdoor rock speakers continue to produce high-fidelity sound that will feel like your own outdoor concert.

## KEY FEATURES



### Durable

- Durable UV resistant enclosures, sealed internal components, powder coated grilles and brackets
- 8", 6.5", 5.25" All-Weather speaker models adapt to any application



### Realistic

- Natural looking realistic rock cabinets
- Multiple color options to compliment any landscape
- Decorative design



### Performance

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



RS850

Type: 8" 2-way Weather Resistant Rock Speaker  
 Woofer: 8" Polypropylene Cone, Sealed Voice Coil & Silicone Encased Leads  
 Tweeter: 1" Soft Dome, Silicone Encased Leads, Coaxial Mounted  
 Frequency Response: 28Hz to 20kHz  
 Power handling: 200W  
 Sensitivity: 88 dB +/- 3 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 Aerospace Grade, Multi-layer Composite Cabinetry  
 Built-in Water Drainage Hole  
 Sold As: Single  
 Colors: Sandstone Canyon Brown or Granite Grey



RX805

Type: 8" 2-Way Weather Resistant Rock Speakers  
 Woofer: 8" Poly Cone, Sealed Voice Coil  
 Tweeter: 1" Coaxial Polyamide Dome  
 Frequency Response: 35Hz - 20kHz  
 Power handling: 200W  
 Sensitivity: 91 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 Aerospace Grade, Multi-layer Composite Cabinetry  
 Sold As: Pair  
 Colors: Sandstone Canyon Brown or Granite Grey



RS670

Type: 6.5" 2-way Weather Resistant Rock Speakers  
 Woofer: 6.5" Polypropylene Cone. Sealed Voice Coil & Silicone Encased Leads  
 Tweeter: 1" Polyamide, Silicone Encased Leads, Coaxial Mounted  
 Frequency Response: 35Hz to 20kHz  
 Power handling: 150W  
 Sensitivity: 90 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 Aerospace Grade, Multi-layer Composite Cabinetry  
 Sold As: Pair  
 Colors: Sandstone Canyon Brown, Slate Dark Grey or Granite Light Grey



RX640

Type: 6.5" 2-Way Weather Resistant Rock Speakers  
 Woofer: 6.5" Polypropylene Cone, Sealed Voice Coil  
 Tweeter: 1" Coaxial Polyamide  
 Frequency Response: 39Hz - 22kHz  
 Power handling: 150W  
 Sensitivity: 91 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 Aerospace Grade, Multi-layer Composite Cabinetry  
 Sold As: Pair  
 Colors Available: Sandstone Canyon Brown, Granite Grey



RX550

Type: 5.25" 2-Way Weather Resistant Rock Speakers  
 Woofer: 5.25" Dual Polypropylene Cone with Butyl Rubber Surround  
 Frequency Response: 65Hz to 20kHz  
 Power handling: 100W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 Aerospace Grade, Multi-layer Composite Cabinetry  
 Sold As: Pair  
 Colors Available: Sandstone Canyon Brown, Slate Dark Grey, or Granite Light Grey

# BLUETOOTH ROCKS



**BTR805**

Type: 2-Way Bluetooth® Rock Speakers  
 Woofer: 8" Polypropylene Cone with Butyl Rubber Surround  
 Tweeter: 1" Soft Dome  
 Frequency Response: 35Hz-22kHz  
 Power Handling: 150W  
 Impedance: 8 Ohms  
 Bluetooth® Version: 5.0  
 Compatible with A2DP Standard  
 Rigid Exterior Cases with Water-resistant Features  
 Included: IP67 Waterproof Power Adapter, Speaker Wire, and Waterproof Wire Connectors  
 Sold As: Pair  
 Colors Available: Sandstone Canyon Brown or Granite Grey

## BACKYARD STREAMING

Get ready to jam in any outdoor space with the BTR Series Bluetooth rock speakers. These speakers are ideal for your lawn, garden, patio or pool area. These speakers have durable composite cabinetry and come with a waterproof IP67 grade power supply for the best in outdoor durability. Powerful and ready for anything you can play, these speakers connect to your favorite Bluetooth-enabled device.

## KEY FEATURES



### Bluetooth

- Connect and stream music from any Bluetooth-enabled device
- Indoor/Outdoor design is ideal for a wide variety of applications



### IP67 Power

- IP67 rated water proof power supply
- Integrated power amplifier in the master speaker



### Performance

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



**BTR150**

Type: 2-way Bluetooth® Rock Speakers  
 Woofer: 5.25" Polypropylene Cone with Butyl Rubber Surround  
 Tweeter: 2" Dual Cone  
 Frequency Response: 38Hz-20kHz  
 Power Handling: 120W  
 Impedance: 8 Ohms  
 Bluetooth® Version: 5.0  
 Compatible with A2DP standard  
 Rigid Exterior Cases with Water-resistant Features  
 Included: Weather Resistant Power Adapter, Speaker Wire, and Waterproof Wire Connectors  
 Sold As: Pair  
 Colors Available: Sandstone Canyon Brown or Slate

# LANDSCAPE SPEAKERS



## OUTDOOR SOUNDS

Today's landscape speakers deliver incredible sonic quality to lawns, gardens and other outdoor spaces so you can enjoy music anywhere you want to listen. Landscape speakers follow the "heard but not seen" rule and are cleverly disguised as outdoor fixtures or ground lights so your guests will hear the enveloping sound without being able to pinpoint where the speakers are located. These speakers are more than just imposters, however, and are designed with sealed enclosures to withstand season after season of rain, sun and snow.

## KEY FEATURES



### Design

- Disguised as lawn fixtures and ground lighting
- Durable UV resistant enclosures, sealed internal components,
- All-Weather models adapt to any application



### 70V Options

- Commercial 70v models available
- Integrated 70v transformers with multiple tap settings
- Outdoor design is ideal for a wide variety of commercial applications



### Sound

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



FORZA 6S

Speaker Type: Weather-Resistant Landscape/Pendant Speaker (70V/8 Ohm)  
 Woofer: 6.5" Poly Cone with Rubber Surround  
 Tweeter: 1" Silk Dome  
 Frequency Response: 100Hz-20kHz  
 Max Power: 80 Watts  
 Sensitivity: 85 dB  
 Impedance: 8 Ohms/ 70V  
 Dispersion Angle: 120°  
 Taps: 40W, 20W, 10W, 5W  
 IP66 Rated, Dust Proof and Water Resistant  
 Powder-coated Rust-resistant Grille  
 Shown With Optional Landscape Mount Kit  
 Color: Bronze  
 Sold As: Single



FORZA 5S

Speaker Type: Weather Resistant Landscape/Pendant Speaker (70V/8 Ohm)  
 Woofer: 5.25" Poly Cone with Rubber Surround  
 Tweeter: 1" Silk Dome  
 Frequency Response: 110Hz-20kHz  
 Max Power: 60 Watts  
 Sensitivity: 84 dB  
 Impedance: 8 Ohms/ 70V  
 Dispersion Angle: 120°  
 Taps: 30W, 15W, 7.5W, 3.75W  
 IP66 Rated, Dust Proof and Water Resistant  
 Powder-coated Rust-resistant Grille  
 Shown With Optional Landscape Mount Kit  
 Color: Bronze  
 Sold As: Single



FORZA 4

Speaker Type: Weather-Resistant Landscape/Pendant Speaker (70V/8 Ohm)  
 Woofer: 4" Poly Cone with Rubber Surround  
 Tweeter: .75" Silk Dome  
 Frequency Response: 110Hz-20kHz  
 Max Power: 40 Watts  
 Sensitivity: 83 dB  
 Impedance: 8 Ohms/ 70V  
 Dispersion Angle: 120°  
 Wattage Taps: 20W, 10W, 5W, 2.5W  
 IP66 Rated, Dust Proof and Water Resistant  
 Powder-coated Rust-resistant Grille  
 Inputs: Phoenix Connectors  
 Colors: Black or White  
 Sold As: Single



LS2

Type: 2.5" Outdoor Landscape Speakers  
 Woofer: 2.5" Sealed PE Cone  
 Frequency Response: 200Hz - 20kHz  
 Power Handling: 30W  
 Sensitivity: 88db  
 Impedance: 8 Ohms  
 Weather Resistant: Sealed Enclosures, Waterproof  
 Integrated Drive-baffle Assembly  
 Sold As: Pair  
 Color: Brown



FORZA 850

Type: Outdoor In-Ground Omni Speaker  
 Woofer: 8" with 360° Horizontal Dispersion  
 Tweeter: 1" Mylar Whizzer Cone  
 Frequency Response: 42Hz - 20kHz  
 Power Handling: 200W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms  
 Weather Resistant: All-Weather Versatility  
 UV-resistant, ABS Impact-resistant Enclosure  
 Silicone Sealed Internal Cabinetry & Driver  
 Sold As: Single  
 Color: Antique Bronze



FORZA 850 LUM

Type: 8" 2 Way Outdoor 70V/8 Ohm Omni Speaker with Built In LED Accent Lighting  
 Woofer: 8" with 360° Horizontal Dispersion  
 Tweeter: 1" Mylar Whizzer Cone  
 Frequency Response: 42Hz - 20kHz  
 Power Handling: 200W  
 70V Taps: 20W, 40W, 60W  
 Sensitivity: 88 dB  
 Impedance: 8 Ohms  
 LED Power: 8 - 10W  
 LED Input Voltage: DC12V  
 LED Color Temp: 4000k  
 Weather Resistant  
 Sold As: Single  
 Color: Antique Bronze

# LANDSCAPE SUBWOOFERS



GLS8

Type: 8" Burial Rated In-Ground Outdoor Subwoofer  
 Woofer: 8" Poly Cone with Butyl Surround  
 Frequency Response: 28Hz-200Hz  
 Power Handling: 500 Watts  
 Sensitivity: 84 dB  
 Impedance: 8 Ohms  
 360° Omni-directional  
 Weatherproof Impact Resistant Cabinetry  
 Exposed Vent can be Primed and Painted to Blend into its Surroundings  
 Sold As: Single



FORZA 10

Type: 10" Outdoor Subwoofer  
 Woofer: 10" Poly Cone with Butyl Surround  
 Frequency Response: 50Hz - 300Hz  
 Power Handling: 300 Watts  
 Sensitivity: 86 dB  
 Impedance: 4 Ohms  
 3FT Speaker Cable Included  
 Sold As: Single  
 Color: Antique Bronze

## EARTH MOVERS

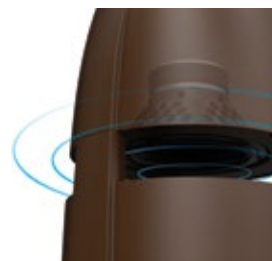
Many people who design their own outdoor audio systems think that adding a subwoofer to the mix is unnecessary. Outdoor audio is simply background music so why add bass? However, adding an outdoor subwoofer can be one of the most important components you bring to your outdoor audio system and here's why. Most outdoor speakers are not designed to cover lower frequencies so adding a subwoofer to a backyard audio system can make a huge difference in the quality of sound you experience. Adding an outdoor subwoofer not only delivers missing bass notes but also takes the low-frequency burden off the other speakers which will optimize your entire audio experience. Our Outdoor Subwoofers are all extremely tough and durable, featuring thick, water- and UV-resistant enclosures so they can stand up to the harshest weather conditions.

## KEY FEATURES



### Durable

- Durable UV resistant enclosures, sealed internal components,
- Blends naturally into any outdoor environment



### Omni

- 360 degree sound dispersion
- Endless placement options



### Performance

- Tuned enclosures
- High performance components for outstanding sound quality
- Wide dispersion gives greater sound coverage outdoors



FORZA 8

Type: 8" Omni-directional Partial In-Ground Subwoofer  
 Woofer: 10" Poly Cone with Butyl Surround  
 Frequency Response: 50Hz - 250Hz  
 Power Handling: 250 Watts  
 Sensitivity: 1w/1m 88dB +/- 3  
 Impedance: 8 Ohms  
 Radiates immersive bass in a 360° direction  
 UV-resistant ABS, impact-resistant enclosure  
 Sold As: Single  
 Color: Antique Bronze



BOM 4.1.2

Type: Bluetooth® Powered Sub w/ Stereo Outputs  
 Woofer: 8" Poly Cone with Butyl Surround  
 Frequency Response: 50Hz to 20kHz  
 Power Handling: 100W  
 Impedance: 8 Ohms  
 Stereo Output: Class D 60W x 2 Pair  
 Bluetooth® Range: 30-75 Feet Line of Sight  
 Bluetooth® Version: 5.0  
 Compatible with A2DP Standard  
 Features Dual Stereo Output Connections  
 What's Included: IP67 Waterproof Power Adapter, Waterproof Wire Connectors  
 Sold As: Single  
 Color: Antique Bronze

**ELECTRONICS**



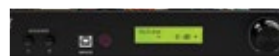
# 2-CH AMPLIFIERS



## POWER TO THE SPEAKER

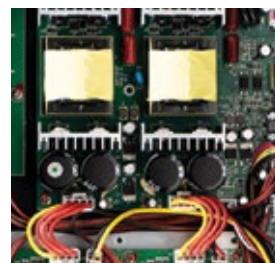
Today's A/V receivers are loaded with bells and whistles, but if you want to add muscle to your home theater or whole-house audio system, add a home audio stereo amplifier. In addition to providing power to passive speakers, an amplifier smooths out the electrical current and eliminates irregularities that can cause distortion and unwanted noise. Amplifiers come in different classes, but the most common are Class A/B and Class D. Both have their advantages, but Class D, or digital amps, are becoming more popular due to their high efficiency. Choosing the right amp depends on the type of system you're designing. Stereo audio amplifiers are ideal for powering two-channel listening rooms or for boosting the sound of smaller sound systems and gaming rooms.

## KEY FEATURES



### DSP

- DSP ( Digital Sound Processor) let's you custom tailor your listening experience



### High Output

- Class D Power
- 2 Ohm stable (select models)
- Bridged Mono Output



### Compact

- Our Class D digital amps offer a small 1U chassis or smaller and produce less heat than traditional amplifiers



**XMP500 DSP**

Amplifier Type: Stereo Digital Class D  
 Channels: 2; Speaker A, B or A&B Output  
 Power: 125W(RMS)/ 250W(MAX) @ 8 Ohm  
 Power: 175W(RMS)/ 350W(MAX) @ 4 Ohm  
 Bridged Rating (Watts): 700W @ 8 Ohm  
 Frequency Response: 10Hz-30kHz, -2dB/ +1dB  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Channel Separation: 65dB @ 1kHz  
 Signal to Noise Ratio: 100 dB  
 Output into 8 Ohms w/ 20kHz  
 12V Trigger Mode  
 Inputs: Dual Source w/ Priority Switching  
 Output: Main Line Pass Thru  
 Rack Mountable: Yes, Mounts Included  
 Remote Control: Yes



**XMP300**

Design Type: Stereo Class D  
 Peak Power Output: 150 Watts RMS  
 150W Maximum 8 ohm stereo output power  
 225W Maximum 4 ohm stereo output power  
 450W Maximum 8 ohm Bridged-Mono  
 Frequency Response: 10Hz ~ 30kHz  
 Impedance: 8 ohm to 4 ohm stable  
 Signal to Noise Ratio: 100dB below 150W  
 output into 8 ohms w/20kHz  
 Auto On: Signal sensing, Trigger  
 Automatic Priority Dual Source Switching  
 DSP (Digital Signal Processing)  
 Input and Output Terminals  
 Rack Mount: Rack mount ears included



**AMP300**

Design Type: Class A/B  
 Peak Power Output: 350 Watts per channel  
 150W maximum 8 ohm stereo output power  
 235W Maximum 4 ohm stereo output power  
 470W Maximum 8 ohm Bridged-Mono output  
 Frequency Response: (20Hz to 20kHz)  
 Impedance: 8 ohm to 2 ohm stable  
 Signal to Noise Ratio: -103dB  
 Turn on options: manual, signal, and 12V Trigger  
 Automatic Dual Source Priority Switching  
 Automatic source switching  
 High Output Toroidal Power Supply  
 Input and Output Terminals  
 Rack Mountable  
 Dual Source Switching



**AMP200**

Design Type: Class A/B  
 Peak Power Output: 200 Watts per channel  
 80W Maximum 8 ohm stereo  
 125W Maximum 4 ohm stereo  
 250W Maximum 8 ohm Bridged-Mono  
 Frequency Response: (20Hz to 20kHz)  
 Impedance: 8 ohm to 2 ohm stable  
 Signal to Noise Ratio: -103dB  
 Auto On: Signal, and 12V Trigger  
 Automatic Dual Source Priority Switching  
 Input and Output Terminals  
 Rack Mountable  
 Dual Source Switching



**XMP100**

Design Type: Class D  
 Peak Power Output: 75W RMS per Channel  
 and Bridgeable Outputs for 160W RMS  
 50W Maximum 8 ohm stereo  
 75W Maximum 4 ohm stereo  
 160W Maximum 8 ohm Bridged-Mono  
 Frequency Response: 10Hz ~ 30kHz  
 Impedance: 8 ohm to 4 ohm stable  
 Signal to Noise Ratio: 100dB below 50w out-  
 put into 8 ohms w20kHz Lowpass filter  
 Signal Sensing: Power On and Trigger Mode  
 Automatic source switching  
 Input and Output Terminals



**XMP60**

Design Type: 2 Channel Stereo  
 Class: Digital Class D  
 Power: 25W(RMS)/ 50W(MAX) @ 8 Ohm  
 Power: 45W(RMS)/ 90W(MAX) @ 4 Ohm  
 Bridged Rating (Watts): 90W @ 8 Ohm  
 Frequency Response: 20Hz-20kHz, -2dB/ +1dB  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Signal to Noise Ratio: 90 dB  
 12V Trigger Mode  
 Inputs: Two stereo audio inputs, 2 RCA inputs,  
 3.5mm jack  
 Output: Main Line Pass Thru  
 Rack Mountable



**NERO WRSKII**

Type: 2 Ch Amplifier & Wireless Subwoofer Kit  
 Peak Power Output: 25 Watts per channel  
 Power: 25W (load at 4ohm)  
 Subwoofer Out: 2V  
 Frequency Response: Subwoofer: 20Hz - 200Hz  
 Speaker: 20Hz - 20kHz  
 2.4GHz for Crystal Clear Audio  
 Signal to Noise Ratio: >80dB  
 Up to 100 FT operation (line of sight)  
 What's included: transmitter, receiver, 9V AC  
 adapter, 15V AC adapter, strands (2), 6 FT  
 speaker wire, & user guide

# STREAMING AMPLIFIERS



**NERO  
STREAM XD2**

Type: 2 Ch. Digital Class D Amplifier  
 App Control: Multi Source, Multi Zone  
 DAC: Cirrus Logic CS8416 24 Bit/192kHz DAC  
 Wi-Fi Frequency: 2.4 GHz  
 Bluetooth Version: 4.2 w/ aptX™  
 Max Peak Output Power: 400W  
 8 Ohm Rating (Watts): 60W Per Ch. RMS  
 4 Ohm Rating (Watts): 120W Per Ch. RMS  
 Frequency Response: 20Hz~20kHz  
 Sensitivity: Digital, 0db input; Analog, 0.6Vrms  
 Impedance: 8-ohms to 4-ohm stable  
 Signal to Noise Ratio > 95dB A-Weighted  
 Inputs: Wi-Fi, Bluetooth®, Optical, USB, RCA  
 Stereo Line-In  
 Outputs: Dedicated Subwoofer (low pass filter @ 500Hz, Mono/RCA)  
 1/4" Headphone Jack (front panel)  
 Dual Function volume and source selection knob  
 Power: Selectable Multi-Voltage Switch (100/240V)  
 Wall Mountable  
 Remote Control



**NERO  
STREAM XD**

Type: 2 Ch. Digital Class D Amplifier  
 App Control: Multi Source, Multi Zone  
 Peak Power Output: 200W  
 8 Ohm Rating (Watts): 30W Per Channel  
 4 Ohm Rating (Watts): 60W Per Channel  
 Frequency Response: 20Hz-20kHz  
 Impedance: 8 Ohm to 4 Ohm Stable  
 Inputs: Bluetooth/ Optical/ RCA Aux/ Wi-Fi/ USB  
 Output: Dedicated Subwoofer, Mono/RCA  
 Max Sample Rate: 44.1kHz, 48kHz, 96kHz, 192kHz  
 Bit Resolution: 16-24 bits  
 DAC: Cirrus Logic CS8416, Supports 24Bit/192kHz  
 Bluetooth' Range: 33'  
 Wall Mountable  
 Remote Control

## IT'S JUST SO EASY

Unleash the audiophile inside you with one of our unique integrated amplifiers with digital wired and wireless options that bridge the gap between high fidelity sound and wireless streaming in a compact, stand-alone and easy to use network. With a built-in 16 to 24 bit digital-to-analog converter (DAC) and inputs to cover all entertainment sources, NERO-STREAM-XD gives you unlimited access to all your digital audio sources, such as Spotify, iHeartRadio, TuneIn with smart speakers, and jump drives, and allows you to play those sources through new or existing audio components and speakers.



**NERO  
STREAM WRA**

Wireless Streaming Outdoor Amplifier  
 Weather Resistant  
 App Control: Multi Source, Multi Zone  
 8 ohm: 25W x 4 Peak  
 4 ohm: 50W x 4 Peak  
 Bass Adjustment: +/-12dB @ 100Hz/0dB  
 Treble Adjustment: +/-12dB @ 10KHz/0dB  
 Signal to Noise Ratio: 90dB  
 Ingress Protection Rating: IP64



**NERO VOX**

Flush Mount In-Wall Amplifier for Amazon Echo Dot 3,  
 Wi-Fi, Bluetooth & Voice Activation  
 AC Input: Multi-Voltage 100-240VAC  
 DC Input: 18V/2A  
 Signal Voltage: 500mV  
 Power Output: 20 Watts RMS, 40W peak  
 DC Output 12V/2A  
 4 Ohm Stable  
 Multi-Room Capable  
 3.5mm Aux Input (TV, Smartphone)  
 Includes 4.5FT Cat5 2-way Audio Cable  
 Includes 4.5FT Power Connecting Cable  
 Paintable Snap-On Square Trim Cover  
 Echo Dot 3 not included

## KEY FEATURES



### OSD Player

- Free control app for NERO STREAM & LINK
- Multi unit control
- Control Volume, Source, Zone, & more



### Multi-Room

- Easily create a multi-room system with multiple units
- App Control
- Multi source



### Compact

- High power digital output
- Easily mount or conceal out of site



**NERO LINK**

WiFi Streaming Receiver Music Server  
 Maximum Sample Rate: 48kHz  
 Bit Resolution: 16 bits  
 Stream from your favorite service like Spotify, In-tune Radio, i-Heart Radio, and more!  
 Control the music from your phone or tablet  
 Simple to use with the OSD's free Player app



# MULTI-CH AMPLIFIERS



## POWER FOR THE WHOLE HOUSE

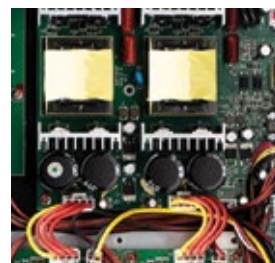
Ideal for whole house audio and home theater systems, these versatile amps typically start at five channels and can go as high as 16 channels. Power output varies but decreases as channels increase. For example, a 5-channel multi-zone amplifier is a great choice for 5.1 surround sound systems because it delivers power to left, right, center, and rear surrounds, so you'll experience action thrillers with sound quality that rivals commercial movie theaters. A 16-channel multi-channel audio amplifier is a popular choice for whole house audio systems and can control up to eight zones or 16 speakers for superior sound playing room to room.

## KEY FEATURES



### OSD Control

- NERO MAX12 has a built in control app and can be expanded up to 3 units to build the ultimate entertainment system



### Power

- Class D Power
- 4 Ohm load capable
- Stereo or Bridged



### Options

- Our MX1680 offers 16 channels for up to 8 zones of wholehouse audio entertainment
- The NERO MAX12 has the option to add a keypad kit for a fully enhanced experience



**NERO MAX12**

Type: Multi Channel Class D  
6x6 Audio Matrix with 6 bridgeable zones  
Power: 25W @8Ω, 60W @4Ω, 100W Bridged  
Whole House Audio Control System  
Expandable up to 3 units  
iOS & Android Control App  
High Efficiency Class D Amplifier  
Stereo/Bridge mono output  
IR Remote  
RS-232 port  
PA Input Jack  
6 IR Emitter 3.5mm Mono Mini Phone Jacks  
3 Zone Pre-Amp Outputs



**NERO MAX12 KEYPADS**

Includes 6 Keypads  
Single Gang  
Compatible with NERO MAX12 Amplifier  
Numeric LED Display  
Built-In IR Receiver  
Source Select  
Control: Volume, Bass and Treble



**MX1680**

Type: Multi Channel Class D  
Channels: 16 Each; 8 Stereo Zones  
Power: 50W(RMS)/ 100W(MAX) Per Ch @ 8 Ohm  
Power: 80W(RMS)/ 160W(MAX) Per Ch @ 4 Ohm  
Bridged Rating (Watts): 320W(MAX) @ 8 Ohm  
Impedance: 8 Ohm and 4 Ohm Stable  
Frequency Response: 20Hz to 20KHz  
Signal to Noise Ratio: 90 dB A-weighted  
12V Trigger Mode, Bus  
Zone Line Input: Line In, Bus In 1, Bus In 2 Per Zone  
Individual Output Level Controls for Each Ch.  
Speaker Connectors: Detachable Speaker Terminals, up to 14AWG



**MX1280**

Type: Multi Channel Class D  
Channels: 12 Each; 6 Stereo Zones  
Power: 50W(RMS)/ 100W(MAX) Per Ch @ 8 Ohm  
Power: 80W(RMS)/ 160W(MAX) Per Ch @ 4 Ohm  
Bridged Rating (Watts): 320W(MAX) @ 8 Ohm  
Impedance: 8 Ohm and 4 Ohm Stable  
Frequency Response: 20Hz to 20KHz  
Signal to Noise Ratio: 90 dB A-weighted  
12V Trigger Mode, Bus  
Zone Line Input: Line In, Bus In 1, Bus In 2 Per Zone  
Individual Output Level Controls for Each Ch.  
Speaker Connectors: Detachable Speaker Terminals, up to 14AWG



**MX880**

Type: Multi Channel Class D  
Channels: 8 Each; 4 Stereo Zones  
Power: 50W(RMS)/ 100W(MAX) Per Ch @ 8 Ohm  
Power: 80W(RMS)/ 160W(MAX) Per Ch @ 4 Ohm  
Bridged Rating (Watts): 320W(MAX) @ 8 Ohm  
Impedance: 8 Ohm and 4 Ohm Stable  
Frequency Response: 20Hz to 20KHz  
Signal to Noise Ratio: 90 dB A-weighted  
12V Trigger Mode, Bus  
Zone Line Input: Line In, Bus In 1, Bus In 2 Per Zone  
Individual Output Level Controls for Each Ch.  
Speaker Connectors: Detachable Speaker Terminals, up to 14AWG



**NERO XA7180**

Type: Multi Channel Class H  
Channels: 7 Each  
Power: 130W RMS per channel 8ohms  
205W RMS per channel 4 ohms  
Frequency Response: 7.5Hz to 80kHz +/-3dB  
Input Sensitivity: 1 Volt  
Power: 120/220VAC, ±3%, - 50/60Hz  
Number of Output Devices 5 per ch.  
Power Bandwidth 5Hz - 54kHz +/-3 dB  
Filter Capacitance Four 6800µF Caps per Ch.  
Crosstalk > -70dB from 20Hz -20kHz  
Gain Voltage gain of 29dB  
Input Impedance 40k ohms  
Input Sensitivity 1.00 Volt  
Remote Trigger Voltage 9 - 24 Volts DC



**NERO XA5180**

Type: Multi Channel Class H  
Channels: 5 Each  
Power: 120W RMS per channel 8ohms  
180W RMS per channel 4 ohms  
Frequency Response: 20Hz to 20kHz +/-0.5dB  
Input Sensitivity: 1 Volt  
Power: 120/220VAC, ±3%, - 50/60Hz  
Power Bandwidth 5Hz - 54kHz +/-3 dB  
Filter Capacitance Four 6800µF Caps per Ch.  
Crosstalk > -70dB from 20Hz -20kHz  
Gain Voltage gain of 29dB  
Input Impedance 40k ohms  
Input Sensitivity 1.00 Volt  
Remote Trigger Voltage 9 - 24 Volts DC



**NERO XA3200**

Type: Multi Channel Class H  
Channels: 3 Each  
Power output: 165W per channel 8ohms  
260W per channel 4ohms  
Frequency Response: 7.5Hz to 80kHz +/-3dB  
Input Sensitivity: 1 Volt  
Power: 120/220VAC, ±3%, - 50/60Hz  
Number of Output Devices 5 per channel  
Power Bandwidth 5Hz - 54kHz +/-3 dB  
Filter Capacitance Four 6800µF Caps per Ch.  
Crosstalk > -70dB from 20Hz -20kHz  
Gain Voltage gain of 29dB  
Input Impedance 40k ohms  
Input Sensitivity 1.00 Volt  
Remote Trigger Voltage 9 - 24 Volts DC



**PRE1**

Type: Stereo Pre-Amplifier  
Multiple Source Inputs  
Full Tone Control  
Mute Switch  
Mic Jack  
Mic Level Control  
Loudness Control  
Low Frequency Filter  
Freq Response: 5Hz - 30kHz -3dB  
1U Rack Mount

# SUBWOOFER AMPS



## MORE BASS IN YOUR SPACE

While many A/V receivers include connections to power a passive subwoofer, these speakers are power-hungry beasts that will perform at their best when connected to a dedicated amplifier. Not only does a subwoofer amp add the necessary power, but it also routes low-frequency effects away from your surround speakers so you can enjoy the full gamut of sound when watching movies and listening to music. Like conventional amplifiers, You can choose from a compact 80W amp to power a single 8" subwoofer, all the way up to a 500W amp to bring better, louder, and clearer bass to any space.

## KEY FEATURES



### DSP Control

- DSP ( Digital Sound Processor) let's you custom tailor your listening experience



### High Power

- Class D Digital Power
- 4 Ohm load capable
- Optimum Subwoofer Performance



### Compact

- Our Class D digital amps offer a small 1U chassis or smaller, more efficient and produce less heat than traditional amplifiers



SMP1000 DSP

Type: Subwoofer Amplifier  
 Class: Digital Class D, 93% Efficient  
 Channels: 1  
 Power: 300W(RMS)/ 600W(MAX) @ 8 Ohm  
 Power: 400W(RMS)/ 1000W(MAX) @ 4 Ohm  
 Adjustable Low Pass Crossover: 35Hz-180Hz  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Signal to Noise Ratio: 95 dB  
 12V Trigger Mode  
 Inputs: High Level / Low Level RCA  
 Outputs: High Level / Low Level RCA  
 Variable Crossover: 40Hz-160Hz  
 Selectable Phase Points: 0 to 315°  
 Mode Select: Sub / LFE (Bypass LPF)  
 Automatic Source Switching  
 DSP (Digital Signal Processing): with memory  
 Rack Mountable  
 Remote Control



SMP500 DSP

Type: Subwoofer Amplifier  
 Class: Digital Class D, 93% Efficient  
 Channels: 1  
 Power: 400W(RMS)/ 800W(MAX) @ 4 Ohm  
 Adjustable Low Pass Crossover: 30Hz-150Hz  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Signal to Noise Ratio: 95 dB  
 12V Trigger Mode  
 Inputs: High Level / Low Level RCA  
 Outputs: High Level / Low Level RCA  
 Variable Crossover: 40Hz-160Hz  
 Selectable Phase Points: 0 to 315°  
 Mode Select: Sub / LFE (Bypass LPF)  
 Automatic Source Switching  
 DSP (Digital Signal Processing): with memory  
 Rack Mountable  
 Remote Control



SMP300

Type: Subwoofer Amplifier  
 Amplifier Class: Digital Class D  
 Channels: 1  
 Power: 150W RMS @ 8 ohm w/ 300W Peak  
 Power: 250W RMS @ 4 ohm w/ 500W Peak  
 Frequency Response: 20Hz-160Hz  
 Variable Crossover: 35Hz-180Hz  
 Variable Phase Switch: 0 to 180 Degrees  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Signal to Noise Ratio: 95 dB  
 12V Trigger Mode  
 Inputs: High Level / Low Level RCA  
 Rack Mountable



SMP200

Type: Subwoofer Amplifier  
 Amplifier Class: Digital Class D  
 Channels: 1  
 Power: 120W RMS @ 8 ohm w/ 240W Peak  
 Power: 200W RMS @ 4 ohm w/ 400W Peak  
 Frequency Response: 20Hz-160Hz  
 Variable Crossover: 35Hz-160Hz  
 Variable Phase Switch: 0 to 180 Degrees  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Signal to Noise Ratio: 95dB  
 12V Trigger Mode  
 Inputs: High Level / Low Level RCA  
 Rack Mountable



SMP100

Design Type: Class D  
 Power Output: 80W RMS @ 8 ohm w/ 160W Peak  
 Power Output: 100W RMS @ 4 ohm w/ 200W Peak  
 Frequency Response: 20Hz ~ 160Hz  
 Impedance: 8 ohm to 4 ohm stable  
 Input Sensitivity: 200mV  
 Crossover: 40-160Hz  
 Phase: 0-180°  
 Signal to Noise Ratio: 95dB  
 Signal Sensing: Power On/ Trigger Mode  
 Automatic source switching  
 Input and Output Terminals: RCA input, speaker level in/out, trigger, sub out

# COMMERCIAL AMPS



**XPA500**

Type: 70/100V Commercial Amplifier  
 Power Output: 500 Watts Per Channel  
 Amp Design: Class D 93% Efficient  
 Inputs: Balance and Unbalanced Inputs  
 Outputs: Unbalanced Loop Line Output to Another Amplifier  
 12V Trigger  
 70V/100V: Selectable Rear Panel Switch  
 IR Remote: Hard Wired IR Receiver/ Codes Available  
 RS232 Queries & Commands Available  
 Output Level Meter  
 Multi-Voltage: AC115/230V



**XPA300**

Type: 70/100V Commercial Amplifier  
 Power Output: 300 Watts Per Channel  
 Amp Design: Class D 93% Efficient  
 Inputs: Balance and Unbalanced Inputs  
 Outputs: Unbalanced Loop Line Output to Another Amplifier  
 12V Trigger  
 70V/100V: Selectable Rear Panel Switch  
 IR Remote: Hard Wired IR Receiver/ Codes Available  
 RS232 Queries & Commands Available  
 Output Level Meter  
 Multi-Voltage: AC115/230V

## PROFESSIONAL POWER

70V amplifiers are used primarily for background audio in restaurants, schools, or retail buildings. A good commercial audio setup needs a high current 70v amp with flexible input and output connections that accommodate a variety of audio sources, including paging capability. Commercial audio systems often require dozens or more speakers with lengthy cable runs that would overload conventional power amplifiers. While a 70V commercial amp functions like a conventional amplifier, it includes transformers that can step up or step down the voltage so you can run multiple speakers on one amp with a daisy chain wiring configuration. OSD 70v amplifiers come in different power ratings for small, medium, and large installations so you can select the right amp for the job.



**PAM245**

Amplifier Type: 70V/8-4 Ohm Commercial Mixer/  
 Integrated Power Amplifier  
 Amplifier Class: Digital Class D  
 Channels: 5 Zones; 70V with Independent On/Off Switch per Zone  
 Power: 120W(RMS)/ 240W(MAX) @ 8 Ohm  
 Power: 240W(RMS)/ 480W(MAX) @ 4 Ohm  
 Power: 70V Rating (Watts): 220W  
 Frequency Response: 55Hz-15kHz, (+0dB, -3.0dB)  
 Impedance: 8 Ohm and 4 Ohm Stable  
 Music On Hold and Telephone Interrupt Back Panel Connections w/ Variable Level Controls  
 5 Zone 70V Output Connections (Comm/70V); Plus 4 and 8 Ohm Mono Output Connections  
 Front Panel Variable Knobs: Mic 1, 2, 3; Aux 1, 2, 3; Bass & Treble, and Master Volume  
 5 Zone Selector On/Off Buttons  
 Digital Volume Level Display  
 Inputs: 6 Standard / Mixed + Non-zoned 4/8 Ohm Output  
 Dual RCA or Single Channel XLR Balanced Line Outputs  
 Rack Mountable  
 Remote Control: IR Remote, RS232 Connection



**PA150**

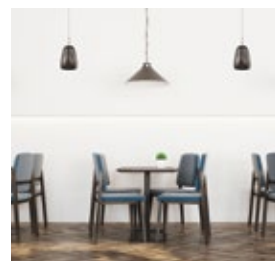
Type: 100V/70V/8 Ohm Commercial Mixer/  
 Integrated Power Amplifier  
 Amplifier Class: Class A/B  
 Channels: 1  
 Power: 60W(RMS)/ 120W(MAX) @ 8 Ohm  
 Power: 60W(RMS)/ 120W(MAX) @ 70V  
 Power: 60W(RMS)/ 120W(MAX) @ 100V  
 Frequency Response: 55Hz to 15kHz  
 Power Bandwidth: 55Hz-15kHz  
 Signal to Noise Ratio: MIC: >55 dB, LINE: >60 dB, AUX: >70 dB, TEL: >70dB  
 Inputs: 3 Mic, 3 AUX, Tel/Page (Mixed)  
 PTT Push To Talk, 24VDC, and Telephone Interrupt Back Panel Connections  
 Front Panel Variable Knobs: Mic 1, 2, 3; Aux 1, 2, 3; Bass & Treble, and Master Volume  
 Chime and Alarm Front Panel Push Buttons  
 Rack Mountable

## KEY FEATURES



### Control

- Multi-Zone capable
- Remote Control
- Multi-Voltage 115/230V



### Reliability

- Class D Digital Power
- 4 Ohm load capable
- RS232 Compatible



### Options

- 70v, 100v & 8 ohm compatible
- Multiple mic & line level inputs with independent gain control
- Rack-mountable with integrated chime & paging features



**PA90**

Type: 100V/70V/8 Ohm Commercial Mixer/  
 Integrated Power Amplifier  
 Amplifier Class: Class A/B  
 Channels: 1  
 Power: 30W(RMS)/ 60W(MAX) @ 8 Ohm  
 Power: 30W(RMS)/ 60W(MAX) @ 70V  
 Power: 30W(RMS)/ 60W(MAX) @ 100V  
 Frequency Response: 55Hz-15kHz  
 Power bandwidth: 55Hz to 15kHz  
 Signal to Noise Ratio: MIC: >55 dB, LINE: >60 dB, AUX: >70 dB, TEL: >70 dB  
 Inputs: 3 Mic, 3 AUX, Tel/Page (Mixed)  
 PTT Push To Talk, 24VDC, and Telephone Interrupt Back Panel Connections  
 Front Panel Variable Knobs: Mic 1, 2, 3; Aux 1, 2, 3; Bass & Treble, and Master Volume  
 Chime and Alarm Front Panel Push Buttons  
 Rack Mountable

# SPEAKER SELECTORS



## SOUND SELECTION

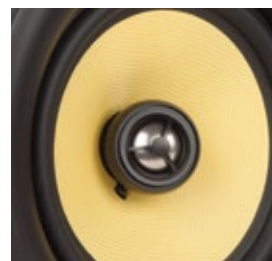
OSD's comprehensive line of Speaker Selectors allows you to gain complete control over your multi-zone audio system. With features like independent speaker and volume adjustability, dual input a/b source control, and impedance protection circuitry, you can easily custom tailor the sound in your particular application. A new and unique development in OSD's Speaker Selector lineup is the ATM-7 remote controlled speaker selector. The ATM-7 now allows you to remotely manipulate your speaker selector without having to be at the source. In addition to our tabletop speaker selectors, we also have in-wall distribution panels & a/b switches to choose from. OSD's speaker selector line is yet another example that for every problem, OSD has the perfect solution.

## KEY FEATURES



### Customized

- Distributes an amplified stereo audio signal into multiple zones
- Gain independent control of up to 12 pairs of speakers
- Includes impedance-protection circuitry



### Options

- Add multiple pairs of speakers to your receiver or amplifier
- Listen to any combination of pairs simultaneously
- Solid-state circuit breakers protect from overload



### Design

- Fits neatly into shelves or equipment racks
- Removable connecting blocks make wiring a breeze
- Easy installation with no additional power requirements
- Chime & paging features



8-Zone Speaker Selector  
On/Off Zone Control  
Impedance Protection Circuit

ISS8



6-Zone Speaker Selector  
On/Off Zone Control  
Impedance Protection Circuit

ISS6



4-Zone Speaker Selector  
On/Off Zone Control  
Impedance Protection Circuit

ISS4



Modified Single Source Speaker Selector  
Connects 6 pairs of speakers  
Solid state circuit breakers  
Built-in overload protection  
Impedance protection  
Dual Source  
Individual speaker volume control  
Supports amplifiers up to 300W  
Freq Response: 20Hz-20kHz

SSVC6D



Four-zone output  
Dual Zone output  
Impedance matching volume control for each zone  
Dual source with independent a/b switch per zone  
Freq Response: 20Hz - 20kHz  
Removable connectors

SSVC4



Two-zone output  
Dual Zone output  
Impedance matching volume control for each zone output  
Dual source with independent a/b switch per zone  
Freq Response: 20Hz-20kHz  
Removable connectors

SSVC2



7-Zone Speaker Selector  
Dual Source Inputs  
Remote A/B Source Control  
Remote On/Off Zone Control

ATM7



70V Mono Single Channel  
2 Zones or 2 Speaker Pairs  
Single Source  
Power Handling: 200W Per Channel  
Frequency Response: 20Hz-22KHz  
Direct Pass Thru Allowing to Stack Additional SS2V70, Only Limited by Your Application  
Steps: 33 dB, 10 Steps Plus Full Off (Step 11)  
Removable Phoenix Connectors

SS2V70 200W



70V Mono Single Channel  
2 Zones or 2 Speaker Pairs  
Single Source  
Power Handling: 100W Per Channel  
Frequency Response: 20Hz-22KHz  
Direct Pass Thru Allowing to Stack Additional SS2V70, Only Limited by Your Application  
Steps: 33 dB, 10 Steps Plus Full Off (Step 11)  
Removable Phoenix Connectors

SS2V70 100W



In-Wall A/B Switch  
Power Handling: 100W

AB1.2



8-Zone In-Wall Distribution Panel  
Power Handling: 150W

SPW8

# VOLUME CONTROLS



## TURN IT UP

Volume Controls are a must for any multi-zone music system and OSD's line of indoor and outdoor volume controls makes it easy to find the perfect model for your application. OSD's vast line of indoor volume controls includes in-wall impedance matching and resistor-based models which are available in both round knob and slider options. We even offer a table-top style indoor volume control, as well as an in-wall commercial 70v model. Our volume control line is made complete by a variety of outdoor offerings. Our outdoor volume controls are available in both impedance matching and resistor-based designs, with multiple power Handling settings to choose from. All OSD outdoor volume controls have a sealed, all-weather enclosure to protect them from the elements. With OSD volume controls, you'll enjoy great sound throughout your home, indoors and outside, without having to run from room to room to turn the volume up or down.

## KEY FEATURES



### Indoor

- On/Off or A/B Switch Models
- Impedance matching & resistor-based models available
- Easy to install, single-gang mounting



### Outdoor

- All-weather sealed enclosure
- Impedance matching & resistor-based models available
- Easily installs to conduit & wire runs



### Commercial

- Mono 70v/100v compatible
- White & Ivory in-wall models
- Easy to install, single-gang mounting



SLK300

Volume Control Type: Screwless Rotary Style  
 Impedance Matching up to 8 Pr. of Speakers  
 Power Handling: 300W Peak; 150W RMS  
 Frequency Response: 20Hz - 20kHz  
 Total Attenuation: 52 dB (Max)  
 Steps: 12 (Make Before Break)  
 "Quick Connect" Phoenix Connectors  
 Single Gang Box Fitment  
 What's Included: White, Ivory and Almond  
 Plates, Inserts, Screws, and Slider  
 Additional Colors: Bone, Black or Brown



SLK100

Volume Control Type: Screwless Rotary Style  
 Impedance Matching up to 8 Pr. of Speakers  
 Power Handling: 100W Peak; 50W RMS  
 Frequency Response: 20Hz - 20kHz  
 Total Attenuation: 52 dB (Max)  
 Steps: 12 (Make Before Break)  
 "Quick Connect" Phoenix Connectors  
 Single Gang Box Fitment  
 What's Included: White, Ivory and Almond  
 Plates, Inserts, Screws, and Slider  
 Additional Colors: Bone, Black or Brown



SLS300

Volume Control Type: Screwless Slider Style  
 Impedance Matching up to 8 Pr. of Speakers  
 Power Handling: 300W Peak; 150W RMS  
 Frequency Response: 20Hz - 20kHz  
 Total Attenuation: 52 dB (Max)  
 Steps: 12 (Make Before Break)  
 "Quick Connect" Phoenix Connectors  
 Single Gang Box Fitment  
 What's Included: White, Ivory and Almond  
 Plates, Inserts, Screws, and Slider  
 Additional Colors: Bone, Black or Brown



SLS100

Volume Control Type: Screwless Slider Style  
 Impedance Matching up to 8 Pr. of Speakers  
 Power Handling: 100W Peak; 50W RMS  
 Frequency Response: 20Hz - 20kHz  
 Total Attenuation: 52 dB (Max)  
 Steps: 12 (Make Before Break)  
 "Quick Connect" Phoenix Connectors  
 Single Gang Box Fitment  
 What's Included: White, Ivory and Almond  
 Plates, Inserts, Screws, and Slider  
 Additional Colors: Bone, Black or Brown



VMS300

In-Wall Slider Volume Control  
 Impedance Matching  
 Power Handling: 300W  
 12-Step Slide Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond, Black, Brown



VMS100

In-Wall Slider Volume Control  
 Impedance Matching  
 Power Handling: 100W  
 12-Step Slide Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond, Black, Brown



VMS60

In-Wall Slider Volume Control  
 Impedance Matching  
 Power Handling: 60W  
 12-Step Slide Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond, Black, Brown



SVC405

In-Wall Volume Control with A/B Switch  
 Impedance Matching  
 Power Handling: 300W  
 12-Step Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond



SVC205

In-Wall Volume Control with On/Off Switch  
 Impedance Matching  
 Power Handling: 300W  
 12-Step Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond



SVC300

In-Wall Volume Control  
 Impedance Matching  
 Power Handling: 300W  
 12-Step Attenuation  
 Removable Phoenix Connectors  
 Single Gang Box Fitment  
 Finishes: White, Ivory, Almond, Black, Brown



In-Wall Volume Control  
Resistor-Based Design  
Power Handling: 150W  
11-Step Attenuation (Break Before Make)  
Removable Phoenix  
Connectors  
Single Gang Box Fitment  
Finishes: White, Ivory,  
Bone, Black, Brown

**SVC100**



In-Wall Volume Control  
Resistor-Based Design  
Power Handling: 150W  
11-Step Attenuation (Break Before Make)  
Removable Phoenix  
Connectors  
Single Gang Box Fitment  
Finishes: White, Bone, Almond

**VKR120**



In-Wall Volume Control  
Resistor-Based Design  
Power Handling: 150W  
11-Step Attenuation (Break Before Make)  
Removable Phoenix  
Connectors  
Single Gang Box Fitment  
Finishes: White, Bone, Almond

**SKR120**



Volume Control Type: 100W Rotary Style 70V  
Commercial Mono  
Power Handling: 100W  
Total Attenuation: 33 dB  
Steps: 10 (Make Before Break)  
Unique Thru Output Connection for Easy Daisy  
Chain Installs  
Wiring Requirement: Up to 14 Gauge Wire  
Fits in a Standard Single Gang Box  
What's Included: White, Ivory, and Almond  
Plates, Inserts, Screws, and Knob

**MVC100**



Volume Control Type: 100W Rotary Style 70V  
Commercial Mono  
Power Handling: 50W  
Total Attenuation: 33 dB  
Steps: 10 (Make Before Break)  
Unique Thru Output Connection for Easy Daisy  
Chain Installs  
Wiring Requirement: Up to 14 Gauge Wire  
Fits in a Standard Single Gang Box  
What's Included: White, Ivory, and Almond  
Plates, Inserts, Screws, and Knob

**MVC50**



Volume Control Type: 100W Rotary Style 70V  
Commercial Mono  
Power Handling: 25W  
Total Attenuation: 33 dB  
Steps: 10 (Make Before Break)  
Unique Thru Output Connection for Easy Daisy  
Chain Installs  
Wiring Requirement: Up to 14 Gauge Wire  
Fits in a Standard Single Gang Box  
What's Included: White, Ivory, and Almond  
Plates, Inserts, Screws, and Knob

**MVC25**



**OVC305R**

Two-zone output  
Dual Zone output  
Impedance matching volume control  
for each zone output  
Dual source with independent a/b  
switch per zone  
Freq Response: 20Hz-20kHz  
Removable connectors



**OVC300**

Outdoor Volume Control  
Easy-Access Impedance Matching Switch  
Sealed, Waterproof  
Enclosure  
Power Handling: 300W  
12-Step Attenuation  
Labeled Terminal Leads  
Finishes: Gray & White



**OVC100**

Outdoor Volume Control  
Easy-Access Impedance Matching Switch  
Sealed, Waterproof  
Enclosure  
Power Handling: 100W  
12-Step Attenuation  
Labeled Terminal Leads  
Finishes: Gray & White



**OVC50**

Outdoor Volume Control  
Easy-Access Impedance Matching Switch  
Sealed, Waterproof  
Enclosure  
Power Handling: 50W  
12-Step Attenuation  
Labeled Terminal Leads  
Finishes: Gray



**ACCESSORIES**



# AURUM CABLE



## THE NEXT LEVEL

AURUM is the next level in A/V Cables brought to you by OSD. Unique Custom Tooled Proprietary Connectors offer a great Family look complete with Matching Gold Cotton outer jacket. All cables feature 99.99% Pure Copper Conductors. Special attention was paid to the technical design of the cable to prevent unwanted noise including Twisted pair audio cables, double shielded and Source Grounded directional design. They look, feel and perform at a True Audiophile Level.

## KEY FEATURES



### Ultra High Speed

- Ultra High Definition 4K, ARC, 3D, High Speed HDMI, Ethernet, 18 Gigabits
- Proprietary Custom Tooled Connectors
- Unique Golden Cotton Outer Sleeve



### Pure Signal

- 99.99% Pure Copper Conductors
- Directional Audio Cables
- Audiophile Grade Components
- Each Category Offers Multiple Lengths



HDMI

Aurum series ultra-high-speed hdmi audio/video cable with ethernet, Supports 4k, 3d and arc, cl3/ft4 rated 3.2ft - upto 65.6ft



RCA

Aurum ultra high-performance, unbalanced rca stereo cable pair, 100% shielded low (signal) level for left/right output 6.5ft - 16.4ft



SUBWOOFER CABLE

Aurum series ultra high-performance, unbalanced subwoofer cable, 100% shield low (signal) level rca male to rca male, single cable 3.2ft - 49.2ft



SPEAKER CABLE

Aurum series audiophile-grade speaker cable, 14 gauge, 2-conductor stereo pair Interchangeable spade/banana connectors 6.5ft - 49.2ft



XLR BALANCED

Aurum series ultra high-performance, premium balanced xlr cables for high-end audio/home theater systems pure copper connectors and heavy-duty shield - xlr male to xlr female 3.2ft - 32.8ft



AC POWER

AURUM Series 14 Gauge Three Conductor AC Power Cables Audiophile Grade AC Power Cord Proprietary Custom Tooled Gold/Gun Metal Plated Connectors 99.99% Pure Copper Conductors, three bundles into one 15.0mm OD Heavy Duty Aluminum Foil Shield third Conductor Golden Cotton Sleeve; 15.0mm OD Available in 3.2ft - 16.4ft



# HDMI CABLE



## ULTRA HIGH DEF

Enjoy clear, crisp, immediate connectivity with the this High-Speed HDMI Cable. This quality High-Definition Multimedia Interface (HDMI) cable allows you to connect a wide variety of devices in the realms of home entertainment, computing, gaming, and more to your HDTV, projector, or monitor. Perfect for those that interact with multiple platforms and devices, you can rely on strong performance and playback delivery when it comes to your digital experience. Works with all HDMI® Enabled devices including Apple TV, Blu-ray players, AVRs, all gaming devices and Computers/Laptops connecting to HD LCD, LED, OLED Displays and 3D TVs. Fully compatible with PCs or Mac Computers. (UHD) Ultra High Definition 4K Resolution support at 60fps, 32 Audio Channel support, 21:9 True Cinema Aspect Ratio, supports dual video streaming and up to four audio streams at once.

## KEY FEATURES



### Premium HDMI

- Custom Tooled Gun Metal Barrel and Strain Relief Nut
- Supports both 32 Audio Channels and 21:9 Aspect Ratio
- ARC, HEC 3D, Deep Color, 340Mhz and 10.2Gps Plus



### Slim Locking HDMI

- High speed HDMI cable with Ethernet & ARC support
- Shielded & CL3 rated ultra-slim cable
- Premium metal & performance molded plastic housing available with tight-fit gold plated connectors



### Performance HDMI

- High speed HDMI cable with Ethernet support
- Shielded & CL3 rated for in-wall use
- Molded plastic housing with gold plated connectors



## PREMIUM

30 AWG featuring Black and Red Nylon jacket  
 Unique Tight Fit 25=4Kt Gold Plated Connectors  
 Active Digital Circuit Technology in Output Connector for longer lengths  
 Custom Tooled Barrel and Strain Relief Nut  
 100% Pure Copper Connectors  
 High Speed HDMI Cable with Ethernet; latest version available  
 Ultra 4K, 60 FPS (Frames per Second)  
 480p, 720p, 1080p and 1280p (4K compatible)  
 32 Audio Channels and 21:9 Aspect Ratio  
 ARC, HEC 3D, 340Mhz and 10.2Gps Plus  
 Length: From 6 - 65ft



## PREMIUM SLIM

Active Digital Circuit Technology in Output Connector  
 24Kt Gold Plated Connectors  
 Custom Tooled Low Profile Gun Metal Barrel  
 High Speed HDMI Cable with Ethernet  
 480p, 720p, 1080p and 1280p (4K compatible)  
 Ultra High Definition 4K, 60FPS  
 Supports both 32 Audio Channel and 21:9 Aspect Ratio  
 ARC, HEC 3D, Deep Color, 340MHz and 10.2Gps  
 CL3/FT4 rated outer jacket  
 Approved for in-wall/in-ceiling installation  
 Length: 20in & 9ft



## PERFORMANCE

24Kt Gold Plated Connectors  
 Active Digital Circuit Technology in Output Connector for longer lengths  
 High Speed HDMI Cable with Ethernet  
 480p, 720p, 1080p and 1280p (4K compatible)  
 Ultra High Definition 4K, 60FPS  
 32 Audio Channel and 21:9 Aspect Ratio  
 ARC, HEC 3D, 340MHz and 10.2Gps  
 CL3/FT4 rated outer jacket  
 Approved for in-wall/in-ceiling installation  
 Length: From 3 - 150ft



## PERFORMANCE SLIM

Unique Tight Fit 24Kt Gold Plated Connectors  
 Low Profile Barrel  
 High Speed HDMI Cable with Ethernet  
 480p, 720p, 1080p and 1280p (4K compatible)  
 Ultra High Definition 4K, 60FPS  
 32 Audio Channel and 21:9 Aspect Ratio  
 ARC, HEC 3D, 340MHz and 10.2Gps  
 CL3/FT4 rated outer jacket  
 Approved for in-wall/in-ceiling installation  
 Length: From 20in - 9ft

# SPEAKER/CAT6 CABLE



**JA 12-2**

12 gauge 2 conductor wire  
Weatherproof Design  
Double Insulated Cable  
Continuous working temp range: -4°F to 167°F  
Voltage rating: 300V Rams  
168 Strands of 99.9% oxygen-free copper  
Resistant to solvents, chemicals radiations  
Resistant to UV  
Direct Burial  
RoHS complied  
41 strands  
Length: 50ft, 100ft, 250ft or 500ft  
CL3R Rated, Residential & Commercial  
Available in White or Black



**JA 14-2**

14 gauge 2 conductor wire  
Weatherproof Design  
Double Insulated Cable  
Continuous working temp range: -4°F to 167°F  
Voltage rating: 300V rams  
41 Strands of 99.9% oxygen-free copper  
Resistant to solvents, chemicals radiations  
Resistant to UV  
Direct Burial  
RoHS complied  
Length: 50ft, 100ft, 250ft or 500ft  
CL3R Rated for Residential and Commercial  
Available in White or Black

## GET CONNECTED

Rated for both in-wall and direct burial use, our high strand count copper cable provides excellent signal transfer for installations where ever music is needed, and the 14-gauge thickness is ideal for long wire runs (over 50 ft) and low-impedance speakers. The reinforced but flexible polypropylene jacket is UV resistant and protects the copper conductors from high heat and cold conditions as well as dirt, dust and other elements that can degrade cable integrity. Features that cater to demanding integrators include a reinforced box with an easy pull, snag-free design, and tissue-wrapped conductors for quick stripping. The extra sturdy box has a large payout hole, so cable runs are fast and smooth while the patented REELEX technology pulls coils from the inside out to prevent twists, knots, and tangles that can slow job progress. This sturdy audio speaker cable also includes two-foot increment printed markers so you can determine how much cable has been used and how much is left in the box, making long cable runs easier than ever.



**JA 14-4**

14 Gauge 4 Conductor Wire  
Weatherproof, Double Insulated Cable  
Continuous Working Temp Range: -4°F to 167°F  
Voltage Rating: 300V Rams  
105 Strands of 99.9% oxygen-free copper  
RoHS Compliant  
Flame Test: FT4  
Direct Burial & In-Wall Rated  
CL3R & FT4 Rated, Commercial & Residential  
Resistant to Solvents, Chemicals, Radiations,  
UV Resistant jacket  
ROHS Compliant  
UL Certified  
Available in White or Black



**JA 16-2**

16 Gauge 2 Conductor Wire  
Weatherproof, Double Insulated Cable  
Continuous Working Temp Range: -4°F to 167°F  
Voltage Rating: 300V Rams  
105 Strands of 99.9% Stranded oxygen-free copper  
RoHS Compliant  
Flame Test: FT4  
Direct Burial & In-Wall Rated  
CL3R & FT4 Rated, Commercial & Residential  
Resistant to Solvents, Chemicals, Radiations,  
UV Resistant jacket  
Available in White or Black

## KEY FEATURES



### Have it all

- Large payout opening
- Water resistant Heavy Duty box
- Direct burial rated
- Oxygen free copper
- Ideal for long runs of wire



### REELEX Wind

- Patented REELEX technology for fast tangle free easy pulls
- Snag free slick jacket
- Tissue encased for easy stripping



### 2 or 4 Black/White

- 2 & 4 conductor models in black or white jacket
- Room ID and foot markers
- Rip cord for fast stripping



**JA 16-4**

16 Gauge 4 Conductor Wire  
Weatherproof, Double Insulated Cable  
Continuous Working Temp Range: -4°F to 167°F  
Voltage Rating: 300V Rams  
65 Strands of 99.9% oxygen-free copper  
RoHS Compliant  
Flame Test: FT4  
Direct Burial & In-Wall Rated  
CL3R & FT4 Rated, Commercial and Residential  
Resistant to Solvents, Chemicals, Radiations,  
UV Resistant jacket  
ROHS Compliant  
UL Certified  
Available in White or Black



**CAT6**

23AWG CAT6 Cable  
Compatible with Cat5 and Cat5e  
ETL Certified  
UL Listed  
Fire Retardant  
Maximum Voltage 300V  
Maximum Wattage 60W  
Pure Solid Bare Copper  
550MHz Bandwidth  
10KHz Speed at up to 165ft.  
1-5KHz at 326ft.  
Ripcord: Polyester Multi-Yarn  
Supports PoE, PoE+ and PoE++  
Jacket Diameter of 5.9mm  
In Compliance with ANSI/TIA 568.2-D  
Color: White

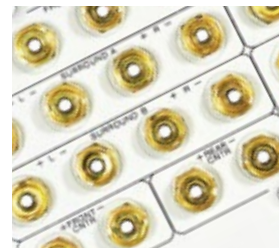
# WALL PLATES



## CABLE MANAGEMENT

Passing cables and wire through the wall can be a challenge to keep organized and clean. OSD's Wall Plates were designed to solve that very problem. We offer both gold-plated binding post wall plates to organize speaker connections, as well as pass through bundle style plates to cleanly pass cables and wire through your wall. Both lines of wall plates come in single and double gang sizes and can be inserted into a multi-gang faceplate for a sleek, seamless look.

## KEY FEATURES



### Connector Plates

- Easily connect & pass speaker wire runs through your wall while maintaining a clean look
- Gold-plated binding posts accept bare wire or banana plugs for quick disconnect
- Single & double gang plates that accommodate multiple speakers connections



### Pass Through

- Easily pass cables & wires through your wall while maintaining a clean look
- Single & double gang sizes available
- Multiple color finishes



16-Terminal 7.1 Home Theatre Wall Plate  
14 Gold-Plated Binding Posts w/ 2 Gold-Plated RCA connections  
Double Gang Fitment  
Finishes: White

WP-16



6-Speaker Binding Post Wall Plate  
12 Gold-Plated Binding Posts  
Double Gang Fitment  
Finishes: White

WP-12



4-Speaker Binding Post Wall Plate  
8 Gold-Plated Binding Posts  
Single Gang Fitment  
Finishes: White

WP-8



2-Speaker Binding Post Wall Plate  
4 Gold-Plated Binding Posts  
Single Gang Fitment  
Finishes: White

WP-4



Single Speaker Binding Post Wall Plate  
2 Gold-Plated Binding Posts  
Single Gang Fitment  
Finishes: White

WP-2



Double Gang Pass Through Bundle Cable Wall Plate  
2" Pass Through Diameter  
Finishes: White

PTW-01-2



Single Reversible Cable Entrance plate  
Protects low voltage cabling from damaging effects of being passed through a wall.  
Decorator style wall plate  
Reversible nose can be faced in or out

RPTW-SINGLE



Double Gang Pass Through Bundle Cable Wall Plate  
2" Pass Through Diameter  
Finishes: White

PTW-DOUBLE



Single Gang Pass Through Bundle Cable Wall Plate  
1" Pass Through Diameter  
Finishes: White

PTW-SINGLE



Double Gang Inverted Pass Through Bundle Cable Wall Plate  
2" Pass Through Diameter  
Finishes: White

INV-DOUBLE



Single Gang Inverted Pass Through Bundle Cable Wall Plate  
1" Pass Through Diameter  
Finishes: White

INV-SINGLE

# INSTALL BRACKETS



New Construction In-Ceiling Speaker Bracket  
Cutout Diameter: 9 1/2"

NCCB8



New Construction In-Ceiling Speaker Bracket  
Cutout Diameter: 7 3/4"

NCCB6



New Construction In-Ceiling Speaker Bracket  
Cutout Diameter: 8 1/4"

NCCB6-K



Ceiling Bracket  
Designed for the C1070 and the C1090VK  
Heavy gauge steel construction  
10.75" cut out

NCCB-70V

## COME PREPARED

To accommodate all of your new construction speaker installation needs, we offer a variety of in-ceiling speaker brackets. Our speaker brackets are made up of a durable plastic ring that secures to the studs by way of two aluminum wings. The speaker brackets make the drywall framing process much easier even include a clip to hold your speaker wire. OSD has you covered from start to finish.

## KEY FEATURES



### Professional

- New construction in-ceiling speaker brackets
- Fits a variety of OSD models
- Makes new construction installation simple



### Work Faster

- Perfect for pre-wire
- Saves time
- Secure mounting



**OSD**  
OPTIMAL  
SPEAKER  
DESIGN

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