

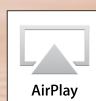


Product Guide - 70V Products

XZone70V 70/100V Streaming Mixer Amplifier



Built-in Support



Apple AirPlay

The Russound Difference

Advanced audio products like the XStream™ Series XZone70V are only available through trained installation professionals, while offering users the opportunity to enjoy the exceptional audio quality and intuitive system operation that they expect and deserve.

Key Features

Unlike our competitors, Russound long ago recognized the importance of key technologies like Apple AirPlay and High Resolution Audio to our music loving customers and gave both of these native support in every Russound XStream Series product.

Built-in XStream High Resolution Digital Media Streaming Audio Source

The Russound XZone70V features built-in XStream technology, enabling popular streaming content from the cloud, home network, AirPlay™ enabled tablets and phones - all from a single component. The built-in audio streamer offers the best audio content from the internet or even a user's personal networked audio collection using DLNA. The rear panel even includes a USB port for playing content from a Flash Drive or an externally powered USB hard drive.



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Key Features



Full Support for High Res Audio

All of Russound's XStream audio streamers utilize audiophile quality Digital to Analog Converters (DACs) that support audio formats up to 24-bit/192kHz.

Licensed Music Option for Commercial Music Performance

With access to SiriusXM for Business, the XZone70V offers an easy, inexpensive option for providing licensed music to play for customers at any business. The XZone70V gives business owners an easy way to not have to worry about ASCAP, BMI or SESAC audits and potential fines for their business.

Powerful High Quality 70v/100v Amplifier

The XZone70V uses advanced amplifier circuitry to provide an amazing 300 watts of power in a single 1U chassis. With flexible options for using in both high and low impedance applications, it is the perfect product for use in light commercial applications like a coffee shop or yoga studio, or as the outdoor zone amplifier for homes or businesses.

Integrated Mic Input With Ducking And Support For Phantom Power

Designed for ease of use, the microphone input will automatically sense a signal and duck the currently playing audio for quick and easy paging through the Russound system. Support for condenser mics requiring phantom power is provided with a convenient slide switch on the rear panel. A Mic Gain knob on the rear panel allows a perfect adjustment of the audio level while a front panel Mic Volume Level gives users access to turn up the Mic as needed during use.

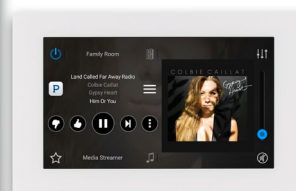
Russound Certified Installer Required



The XZone70V is a part of Russound's RCI program and can only be installed by a Russound Certified Installer. RCI products are not available for sale to consumers via the internet and are designed to be integrated into systems designed by audio professionals.

Wall-Mounted Touchscreen or App Control

Like all XStream Series products, the XZone70V is designed to be controlled by the elegant XTS in-wall touchscreen or by using the intuitive MyRussound™ app available for both iOS and Android. Russound products are automatically discovered with no extra configuration steps necessary in the App or XTS touchscreen, simplifying installation time and making the process dead simple for end users.



XTS in-wall touchscreen

Built-In High Pass Filter

As any audio professional knows, running low frequency audio through a 70v/100v amplifier can quickly saturate even the highest quality transformers, leading to distortion, poor performance, and even damaging the amplifier. The XZone70V incorporates a dedicated high pass filter to prevent these signals when it is in 70v/100v mode yet allowing all of the deep bass sounds you want when it is set in 4Ω mode.

Local Input Option Included

Want to add another audio source to your XZone70V? Feel free, a 3.5mm stereo jack on the rear panel gives you the ultimate flexibility to add any other source into your audio system.



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XZone70V 70/100V Streaming Mixer Amplifier

Key Features

Removable Screw-down Connectors



Installer-friendly phoenix connectors are used for all connections, allowing the audio professionals to lock in all connections for a long-lasting, trouble-free installation that is still easy to service and adjust throughout the life of the system. All connectors accept up to 14ga wire.

Flexible Mounting Options

The XZone70V uses the same innovative 3-way mounting flexibility of the other XStream Series 1U products. You can mount it quickly in an equipment rack with the included rack ears, or pivot those ears to either 90° or 270° to mount the unit under a cabinet or even on a wall. This unique installation application is perfect for small businesses that don't need a full equipment rack and want to locate the XZone70V in the most convenient space for their particular business.

Installation Options

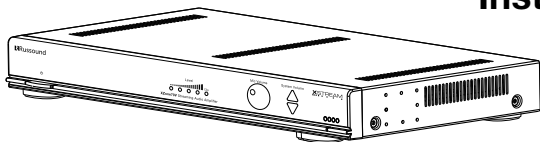
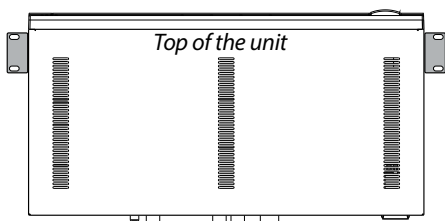
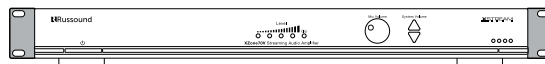


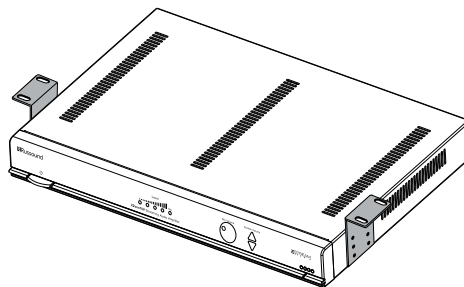
Table Top Mount
XZone70V comes with non-marking, removable feet.



Wall Mount
Attach the included rack mount ears to both sides of the unit, with mounting holes facing down as shown.



Rack Mount
Attach the included rack mount ears to both sides of the unit as shown.



Under Cabinet Mount
Attach the included rack mount ears to both sides of the unit, with mounting holes facing up as shown.

Trusted 2-year Warranty

Russound's XStream Series products offer a generous 2-year limited warranty on all parts and labor. While consumer products often offer warranties of as little as 90 days, the advanced design and high quality components of the XZone70V are built for lasting quality that customers can trust for their home or business.

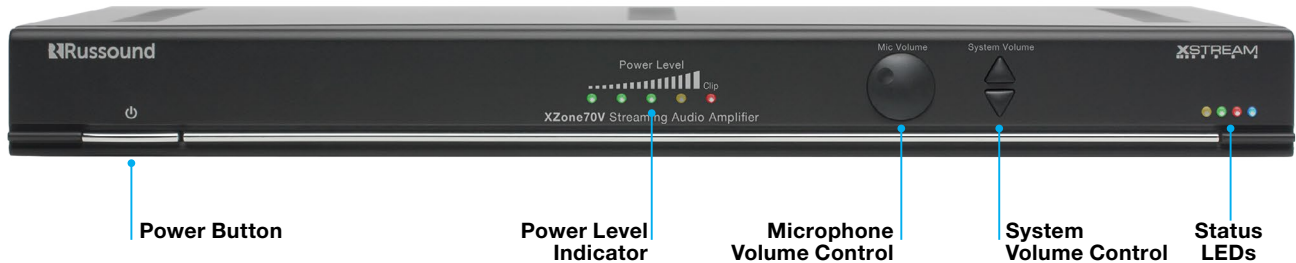


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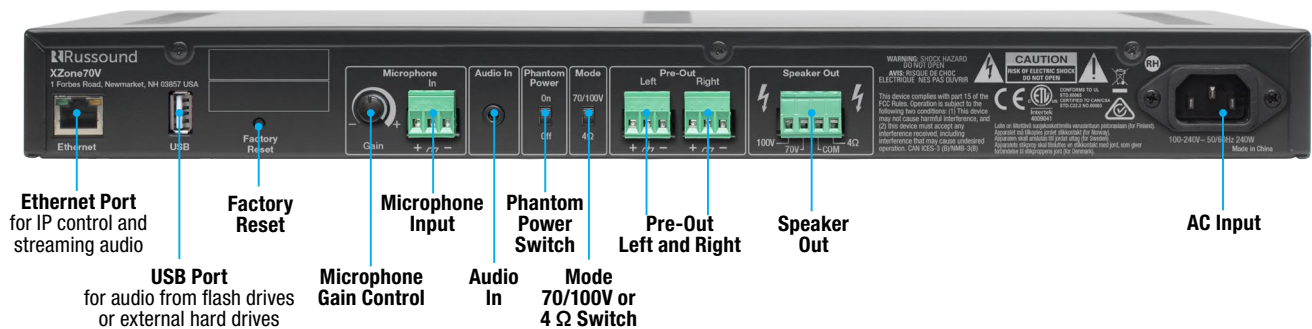
XZone70V 70/100V Streaming Mixer Amplifier

Front Panel Controls

The XZone70V has quick access volume control buttons for simple, intuitive operation for making quick adjustments for installations without a dedicated XTS touchscreen. There's no need to open an app to control your XZone70V.



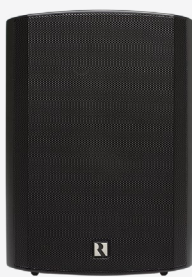
Rear Panel Features



Recommended Accessories



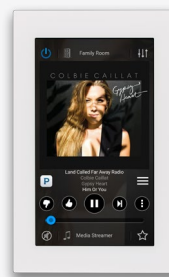
AW70V6
Speaker



50W 70V
Volume Control



XTS
In-Wall Touchscreen



XSource
Streaming Audio Player



XZone4
Streaming System



Product Guide - 70V Products

XZone70V 70/100V Streaming Mixer Amplifier

Product Specifications

Output Power	300W Max
Total Harmonic Distortion	1% THD+N at 300W into 4 ohms, 0.2% THD=N at 250W into 4 ohms
Output Modes:	70v/100v/4Ω
Pre-Amp Output	Yes, Stereo Balanced
Number of Audio Channels	1
Web Config for Easy Setup	Yes
Automatic Firmware Updating	Yes
Analog Audio Input	3.5mm stereo (rear panel)
Available Streaming Audio Sources	SiriusXM for Business, Spotify, Pandora, SiriusXM, TuneIn, vTuner, AirPlay, DLNA, USB Audio
Hi-Res Audio Support	24-bit/192kHz
Wire Gauges Accepted	Up to 14ga
Maximum number of XStream Series Zones in a System	16
Number of Mic Inputs	1
Phantom Power Support	Yes
Front Panel Controls	Yes, Volume and Mic Level
LED Indicators	Yes, Status, Output Level, and Clipping
Frequency Response	20Hz to 20kHz +1/-1dB at 4 Ohms
Rack Ears	Included
Parts and Labor Warranty	2 years
Product Dimensions	17" W x 9"D x 1.7"H (43 x 22.8 x 4.3cm)
Product Weight	10.95 lbs (5 kg)
Shipping Dimensions	23.25"W x 13.5"D x 5.75"H (59 x 34.2 x 14.6cm) single unit
Shipping Weight	15.70 lbs (7.1 kg)



Product Guide - 70V Products

AW70V6 70V/100V Surface Mount Indoor/Outdoor Speakers



The Russound Difference

Since 1967, Russound has been building advanced audio products designed to bring exceptional sound into the home. By specializing in professionally installed audio systems, Russound has gained extensive insight into building some of the best audio amplifiers available on the market today. Over the years, Russound products have been adapted for use in commercial installations such as restaurants, coffee shops, gyms, medical and attorney offices, etc. Russound has taken the knowledge gained from both our residential installations and the needs of our commercial customers to create a compelling line of 70V/100V products specifically designed for commercial installations or for adapting the benefits of 70V audio distribution to large residential spaces like outdoor areas. The features built into the premium AW70V6 speakers make them the installer's first choice in 70V applications.

Overview

The AW70V6 speakers are designed to add high quality, custom-tailored sound for distributed audio systems using either 70V or 100V amplification. With an easily adjustable weatherproof tap setting switch on the rear panel, these versatile speakers even include a bypass setting to allow their use as high performance 6-ohm speakers. Their 1" titanium dome tweeters combined in a ported-cabinet design with 6.5" injection-molded polypropylene woofers, provide the audio quality that our customers have come to know and expect from Russound, while rugged enough for even the most extreme outdoor environments.



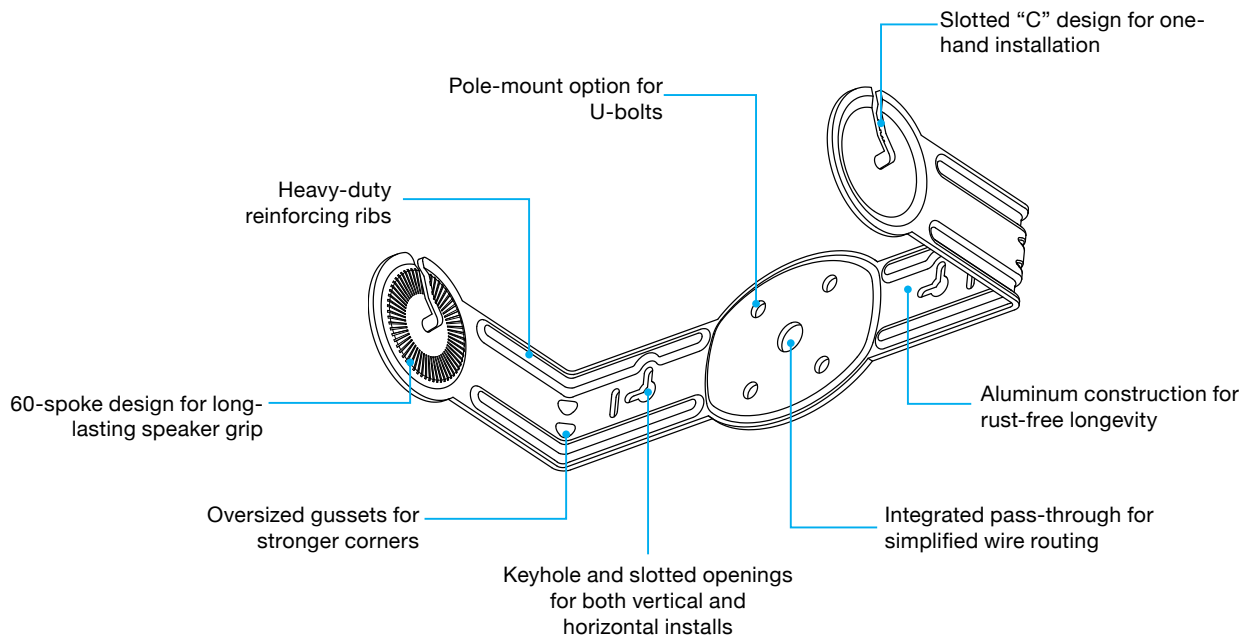
Product Guide - 70V Products

AW70V6 70V/100V Surface Mount Indoor/Outdoor Speakers

Key Features

Rugged, One-Handed Mounting Bracket

The AW70V6 use a specially designed, extra-rugged mounting bracket that offers one-handed mounting in both vertical and horizontal orientations. In addition to these options, the bracket can easily accommodate pole mounting using standard u-bolts, and the speakers themselves include dual 1/4" brass inserts for using 3rd party mounts or for attaching seismic or security bolts.



Impressive Audio

By using a ported-cabinet design, the AW70V6 speakers achieve better low-end response than sealed cabinet designs and the generous 1" titanium tweeter combines perfectly with the 6.5" injection-molded polypropylene woofer (IMPP) to offer an impressive overall frequency response curve. The IMPP woofer offers both a superb mix of lightweight materials and rigidity to improve the audio efficiency of the speakers while producing the high quality audio reproduction that has made Russound famous.

Long-Lasting, Brass Connectors

Designed for maintaining superior electrical connections in any environment, the screw-down connectors of the AW70V6 allow for a lightning-quick installation that will maintain a reliable, trouble-free connection for years, through long hot summers, brutally cold winters and everything in between.

Easily Adjustable Tap Settings

The convenient, rear-mounted adjustment knob allows for easy adjustments of the tap setting with options for:

7.5W, 15W, 30W, 60W (70V)
15W, 30W, 60W (100V)
6Ω Bypass

Unlike other brands that make this adjustment difficult or hide it behind plugs or covers, Russound designed a weatherproof switch that is always accessible.



Product Guide - 70V Products

AW70V6 70V/100V Surface Mount Indoor/Outdoor Speakers

Key Features

Rustproof Aluminum Grilles

The AW70V6 incorporates a powder-coated all aluminum grille for an elegant, durable finish. The embedded Russound logo is even designed to rotate for horizontal or vertical installations.

Narrow Taper for Corner Mounting

The narrow taper of the cabinet allows the speakers to be installed even in tight corners. As with any architectural speaker, the AW70V6 is designed to be heard and not necessarily seen.

Trusted 2-year Warranty

The AW70V6 speakers come with a generous 2-year limited warranty on all parts and labor.

Product Specifications

Tweeter	1" (2.54cm) Titanium Dome
Woofers	6.5" (16.51cm) Injection-Molded Polypropylene
Wire Gauge	Up to 12ga AWG
Grille	Powder Coated Aluminum
Frequency Response	(+/- 3dB): 55Hz-20kHz
Sensitivity	87 dB
Tap Settings	70V: 7.5W, 15W, 30W, 60W 100V: 15W, 30W, 60W 6Ω
Parts and Labor Warranty	2 Year



Product Guide - 70V Products

ALT-70V-50, 50-Watt 70V Volume Control



The Russound Difference

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Overview

The ALT-70V-50 volume control is designed to add local or zone volume control to any 70V audio system. The removable screw-down speaker connector accepts up to 12ga wire and the 11 steps of attenuation with make-before-break connections means that you'll always have smooth control over the system volume.



Product Guide - 70V Products

ALT-70V-50, 50-Watt 70V Volume Control

Key Features

Powerful 50-watt handling capability

With a 50-watt transformer, the ALT-70V-50 is perfect for controlling all of the speakers within a room, handling up to 6 speakers tapped at 7.5 watts or up to 12 speakers tapped at 3.75 watts. You can even use the volume control as a master zone control with sub zones as long as the total wattage on all subzones doesn't exceed 50 watts.

Decora-Style

The Decora design allows for easy pairing with other Decora accessories or for use in a multi-gang plate design. Each ALT-70V-50 includes Decora plates, inserts, and knobs in white, light almond, and ivory for flexibility in installing any of these colors as desired.



White



Light Almond



Ivory

Make-before-break design

All of the switch positions of the ALT-70V-50 use a make-before-break design, meaning that as you turn the knob, the volume will ramp up or down smoothly, with no breaks in the sound. The electrical connection to the next step is always made before the connection of the previous step is broken. The result: smooth sound adjustment at any volume level.

Removable screw-down connector

Russound knows how much easier it is to wire a volume control with a removable connector, reducing the amount of time spent on the job site and simplifying any future servicing/updates to a system. The screw-down terminals guarantee an ultra-reliable connection that will last for years.

Impressive History

With over 6,000,000 volume controls sold and installed world-wide, Russound is one of the world leaders in audio distribution technology. The ALT-70V-50 is the latest addition to the Russound lineup and takes advantage of our engineering team's experience in the industry to bring an affordable high-quality volume control to the 70V market.

Trusted 5-year Warranty

The ALT-70V-50 volume control comes with a generous 5-year limited warranty on all parts and labor.

Product Specifications

Included Colors	White, Light Almond, Ivory
Wire Gauge Accepted	Up to 12ga AWG
Number of Steps	11
Insertion Loss	<0.5 dB



Product Guide - 70V Products

The Story Behind Russound **The Russound Difference from Design to Installation**



About Russound

Russound was founded in 1967 in Newmarket, NH. Russound was one of the first companies to embrace multiroom audio and became a leader in the custom installation channel.

Over the decades, Russound has sold millions of volume controls and our speaker selectors, amplifiers and multiroom distributed audio systems have become the industry standard. With systems that scale up to homes as large as 48 independent zones of audio, Russound has products that are sure to meet any installation need. While many of Russound's products are hidden from view, our award-winning user interfaces provide elegant, intuitive control options for homeowners to easily access their favorite music from anywhere in their home.

Throughout its rich history, Russound has received many industry awards for product design and has patented several key technologies for the custom installation field. While not a famous brand name to the typical consumer, Russound is one of the best known and trusted brands among audio installation specialists around the world.

The Russound website at www.russound.com has all of the core consumer-level information about our key products, while our registered dealers have additional access to installation manuals, tech tips, white papers, product imagery, and system wiring diagrams that are of use to any installation professional.

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