



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 and audio distribution systems available on the market today. Russound products have been recommended and supported by audio / video integration companies, home theater professionals, home builders, interior designers and architects throughout the USA and more than 80 countries around the world. Russound has used the knowledge gained from our residential and commercial installations to craft these new streaming products to enable high quality audio to be streamed anywhere in the home. The features, controls and performance built into our streaming products make them the audio professional's first choice when recommending streaming solutions for clients.

Overview

Russound's AVA-Series of mini-AVRs are a huge advancement in TV sound, designed to form the backbone of a simple, convenient system that improves the sound of any TV, allows for easy access to other audio sources and even includes Bluetooth for listening to any content from a phone, tablet, or computer.

The most striking aspect of these products is their ultra-compact size, measuring just 5.5" across and 1.7" high. Their design allows them to be easily hidden from sight, whether that is in a cabinet or on a shelf, or totally hidden mounted behind the TV to the TV mount or in an in-wall box. They even include an innovative, easy-to-use wall-mount for even more versatility.

Overview

There are two models to choose from, the 2-channel AVA2.1 and the 3-channel (left, right, center) AVA3.1, perfect for improving the intelligibility of dialog in movies or TV shows which rely heavily on the center channel for content. With a powerful output of 50 watts per channel, these mini-AVRs are perfect for most rooms and offer an analog line output for adding extra amplification if desired for extremely large rooms.

The feature that makes these products so convenient and easy to use is their HDMI ARC support with CEC (Connected Equipment Control). CEC allows the connected television and the Russound AVA-Series products to talk to each other, allowing the native TV remote control (or even the Cable or Satellite remote) to control the volume and mute features of the AVA2.1 or AVA3.1.

All that is required for setup is to connect the mini-AVR to your TV's HDMI ARC (or eARC) port and then to configure the television's sound output to use that HDMI port. Once that is done, the TV's remote control will control the AVA-Series amplifier with no additional configuration or connections necessary.

For those who wish to integrate other audio devices into their system, the AVA-Series offers both a digital optical input and a stereo RCA analog input, each fully selectable with the included full-featured remote control. Both the AVA2.1 and AVA3.1 offer Bluetooth 5.0 audio. If using additional sources, or for systems that aren't using HDMI CEC control, Russound includes a remote IR sensor which can be discreetly located anywhere and which allows the included remote control to be used in the system for source selection, TV control (when not using HDMI CEC), audio adjustments for bass and treble, and even a pairing button for connecting to Bluetooth.

The AVA-Series of mini-AVRs give installers the flexibility and reliability they need to satisfy the needs of their clientele, all while keeping an acceptable project budget. And they deliver the high-quality audio performance that their customers expect from Russound.

Key Features

Inputs

- HDMI (with ARC and CEC support)
- Bluetooth 5.0
- Digital Optical
- Analog Stereo (RCA)
- IR (for use with included remote IR Sensor and Remote Control)

Outputs

- 50 Watts per Channel @4ohm (2 channels (L,R) on the AVR2.1, 3 channels (L,R,Ctr) on the AVR3.1)
- 25 Watts per Channel @8ohm (2 channels (L,R) on the AVR2.1, 3 channels (L,R,Ctr) on the AVR3.1)
- Sub Out (RCA)
- Line Out (3.5mm)

Product Specifications

	AVA2.1	AVA3.1
Number of Channels	2.1	3.1
Power Output - 4Ω	50W /Channel, 1kHz	50W /Channel, 1kHz
Power Output - 8Ω	25W /Channel, 1kHz	25W /Channel, 1kHz
Freq Response	20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms	20Hz to 20kHz +/-3dB at 1W output into 4 or 8 Ohms
Input Sensitivity (8Ω)	620 mV for 80W @ 1kHz	1000 mV for 45W @ 1kHz
Input Impedance	>22k ohms Line Input	>22k ohms Line Input
Signal to Noise Ratio , 4Ω	>94dB A-weighted	>93dB A-weighted
Signal to Noise Ratio , 8Ω	>96dB A-weighted	>97dB A-weighted
Inputs	HDMI (ARC), Line In (RCA), Optical, Bluetooth	HDMI (ARC), Line In (RCA), Optical, Bluetooth
Bluetooth	5	5
Bluetooth Range	10 Meters	10 Meters
Remote Control	Included	Included
IR Input/Output	3.5mm	3.5mm
IR Sensor Included	Yes	Yes
Speaker Connectors	Detachable Screw-down, up to 14AWG	Detachable Screw-down, up to 14AWG
Line Out	3.5mm Stereo	3.5mm Stereo
Subwoofer Out	RCA	RCA
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Altitude	0 to 9,843' (3,000m)	0 to 9,843' (3,000m)
Power Requirements - North American Model	115-120VAC, 60Hz (150W Max)	115-120VAC, 60Hz (150W Max)
Power Requirements - International Model (-i)	220-240VAC, 50Hz (150W Max)	220-240VAC, 50Hz (150W Max)
Power Connector	IEC C8	IEC C8
Standby Power Consumption	0.45W	0.45W
Product Dimensions	5.8" (W) x 1.4" (H) x 7.9" (D) (14.7 x 3.7 x 20.2 cm)	5.8" (W) x 1.4" (H) x 7.9" (D) (14.7 x 3.7 x 20.2 cm)
Product Weight	1.5 lbs (0.7 kg)	1.5 lbs (0.7 kg)
Shipping Dimensions	10.7" (W) x 3.3" (H) x 12.7" (D) (27.2 x 8.3 x 32.2 cm)	10.7" (W) x 3.3" (H) x 12.7" (D) (27.2 x 8.3 x 32.2 cm)
Shipping Weight	2.4 lbs (1.1 kg)	2.4 lbs (1.1 kg)
Limited Warranty	2 Years	2 Years

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 recognize the marketplace's enthusiasm for quality music throughout the home. This led us to innovate and become the leader in multiroom audio and the custom installation channel.

Over the decades, Russound has sold millions of volume controls and our speaker selectors, amplifiers and 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 designed to be 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 most 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.