

Better Sound for TV

Digital Amplifier with IR Learning

Better Sound for TV! Control with your TV remote. The Russound TVA2.1 is a digital 2-channel low-profile amplifier designed expressly for integrating with flat panel televisions. The TVA2.1 delivers smooth, robust sound for an enhanced viewing experience. On-board IR learning allows its volume to be seamlessly controlled by the TV or cable box's remote control.

Its thin footprint means the TVA2.1 can be hidden behind the television or mounted in an in-wall panel behind a television for convenience. The built-in IR learning function eliminates the need for an external control system. This can dramatically reduce the cost of adding additional rooms of audio to a home and keeps the operation simple and intuitive for the homeowner by letting them use their current remote control device.

The TVA2.1 features three input options for flexibility. A traditional analog RCA line level input, and both Digital Coax and Optical S/PDIF. The TVA2.1 supports up to 24bit/96kHz digital audio in a PCM stereo format.

Features

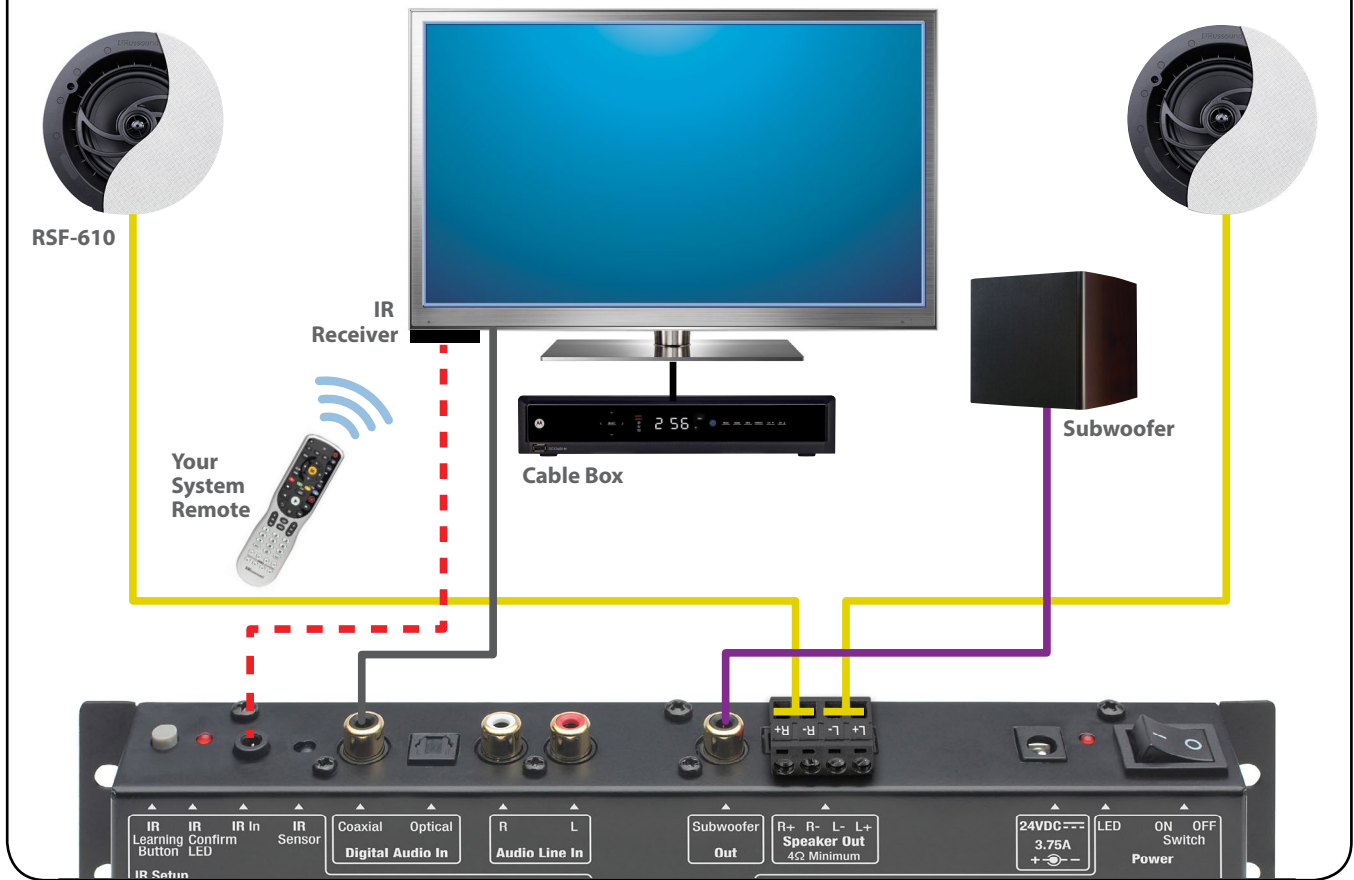
- 30W/ch for enhanced TV audio
- Easily mounts behind TVs or in structured wiring cans
- 24-bit/96kHz S/PDIF; optical and analog line-level inputs
- Includes SLM-1 Slim Surface Mount IR Receiver
- IR learning for use with virtually any remote control
- Integrated subwoofer output
- LED Power Indicator can be toggled on or off



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Typical Application Diagram



Technical Specifications

Audio Inputs	Analog stereo line level Digital coaxial (PCM format) Optical coaxial (PCM format)
Outputs	30W/channel at 8 ohms <1% THD+N Speaker out - removable screw-down connector for up to 12AWG wire, Subwoofer out - (RCA) with integrated 120Hz low pass filter
Signal-to-Noise Ratio	>90dB 20Hz to 20KHz
IR Sensor Input	3.5mm stereo jack
Amplifier Channels	2
Frequency Response	40Hz to 20KHz +/- 1dB, 20Hz -3dB, Sub Out: -3dB at 170Hz
Input Impedance	>22k
Power Requirements	24VDC 3.75A (External power supply)
Total Harmonic Distortion	1% (1KHz @ 1W)
Dimensions	6.0"H x 9.875"W x 1.375"D (15.2 x 25.0 x 3.5 cm)
Weight	2.0lbs. (0.9kg)

Product Specifications

Model Number	Part Number	Shipping Dimensions	Shipping Weight
TVA2.1	2800-536304	11.625" L x 7.5" W x 5" H (29.5 x 19 x 12.7cm)	3.8 lbs (1.7 kg)
TVA2.1 EU/UK	2800-536311	11.625" L x 7.5" W x 5" H (29.5 x 19 x 12.7cm)	3.8 lbs (1.7 kg)

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