

D250LS Local source power amplifier

Product Brief



Russound's D250LS two-channel stereo amplifier delivers performance and features in a compact package. It boasts automatic local source switching capability and installation options with included hardware.

The D250LS allows a local source (e.g., PC or TV in the bedroom) to automatically override the speakers in that particular zone of a distributed audio system. This can be accomplished with signal sensing for high and low level inputs, video signal and 12V trigger options for versatility in many different applications. A switching delay is also provided for maximum flexibility.

The D250LS is rated at 50 watts per channel into 8 ohms and 75 watts per channel into 4 ohms. With the Stereo/Bridge Mono switch in the Bridge Mono position, both amplifier channels are combined for a higher powered mono output. In bridged mode the D250LS is rated at 150 watts of power into a single 8-ohm load. Each amplifier output channel incorporates robust thermal and short circuit protection for safety and reliability under extreme circumstances.

The D250LS comes with hardware that allows for several installation options. It can be wall-mounted, placed on a shelf, or mounted in a 1U rack space. Because of its compact design, two amplifiers can be rack-mounted side-by-side - perfect for powering Zones 7 and 8 on the MCA-C5 controller.

Features	Benefits
Low-profile design	permits use in areas most amplifiers won't fit
Four mounting options	allows shelf, wall and single or dual rack mount installation in 1U space
Local source switching	signal sensing, automatically switches between local source and audio system
Bridgeable channels	creates one channel with substantial power output

Specifications



D250LS Amplifier

Continuous Output Power: 50W per channel at 8 ohms
 (<0.3% THD+N) @ 1kHz
 75W per channel at 4 ohms
 150W at 8 ohms, 2 channels bridged

Distortion THD+N: <0.3% from 20Hz to 20kHz for 50W into 8 ohms
 <0.05% from 20Hz to 20kHz for 1W into 8 ohms

Signal-to-Noise Ratio: >112dB A-weighted

Channel Separation: >60dB @ 1 kHz

Frequency Response: 20Hz to 20KHz +/- 0.4dB

Input Sensitivity: 70mV for 1W at 8 ohms
 550mV for 50W at 8 ohms

Input Impedance: 47kohms Line Input

Voltage Gain: 32dB

Delay Time: 5 seconds to 5 minutes

Input Trigger: 12VDC 10kohms

Output Trigger: 12VDC 100mA max

Power Requirements: North American Model:
 120VAC 60Hz 2.5A
 European Model:
 230VAC 50Hz 2.5A
 IEC 320 type connector with 3 terminal detachable power cord

Fuse Rating: T3.15AL/250V

Standby Power: ≤0.5 Watts

Dimensions: 8.5" W x 10.5" D x 1.75" H
 (21.59 x 26.67 x 4.45 cm)

Weight: 4.65 lbs. (2.1 kg)



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