



3x1 Compact Class D Digital Audio Amplifier

AMR-350

SKU: 65957 UPC: 810065000000

The AMR-350 is a compact-sized Class-D digital amplifier for classroom or meeting room applications requiring switching of three audio sources (e.g., laptops, video conference systems, Blu-ray players).

AMR-350 features two analog audio inputs and one digital optical audio input. The Class-D amplifier powers the connected speakers with 2 x 50 Watts Stereo or 1 x 100 Watts in bridge mode. The loop output can be used to share the same audio sources with multiple AMR-350s that connect more speakers in different audio zones. The AMR-350 can be controlled via RS-232, Ethernet, web interface and the front control panel.

Features:

- Three input, one output audio amplifier.
- Built-in Class-D amplifier
- Power Output: 2 x 50 Watts Stereo (8 Ohms) or 1 x 100 Watts bridged (4 Ohms).
- EQ control (bass / treble).
- Volume knob with LED bargraph.
- RS-232 control.
- Ethernet control
- Web interface control and configuration.
- Audio loop output to share audio sources with multiple amplifiers.
- Compact form factor with noiseless convection cooler.

Power	+36 VDC, 2.66A
Mounting	Surface / wall mount or free standing
Audio Input	One Line Input Stereo (RCA jack) One Line Input Stereo (3.5 mm jack) One Digital Optical Input (TOSLINK)
Input Impedance	>10K Ohms
Audio Output	One Stereo Speaker Output (4-pin terminal block) One Loop Output (3.5 mm jack)
Rated Output Power	2 x 50 Watts @ 4 Ohms / 1 x 100 Watts bridged @ 8 Ohms
Speaker Impedance	4 to 8 Ohms
Damping Factor	>100
Frequency Response	20Hz to 20KHz
Signal-to-Noise Ratio	80dB at maximum output
Channel Separation	>75dB @ 20Hz to 20Khz
Voltage Gain	32dB
CMRR	>70dB @ 20Hz~20KHz
Total Harmonic Distortion + noise @ 1KHz	1% at 50 Watts
Front Panel Control	2 Buttons, 1 Knob for Input Select, Volume and EQ
IR Control	Via IR Remote (included)
RS232 Control	One, Bidirectional control (3-pin Phoenix connector)

Ethernet Control Port	One, 10/100Base-T,RJ45 Connection
Operating Temperature	C -10 to +40 degrees F +14 to +104 degrees
Operating Humidity	5% to 95% Non-condensing
Dimensions WxHxD	5.82" (148mm) x 1.73" (44mm) x 6.49" (165mm)
Weight	1.58lb (720g)
Warranty	Three Years (Parts & Labor)