

AMR-350 3 x 1 Audio Amplifier

The AMR-350 is a compact-sized Class-D digital mixer/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 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 IR (with included IR remote), RS-232, Ethernet, web interface and the front control panel.

Key Features

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



Front View



Rear View

RTI Control System



Specifications

Power Supply +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 Gain32dB
 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)
 All features and specifications subject to change without notice

