



Rear View



Front View

RTI Control System



AMR-220

2-Channel Mixer Amplifier – 20W

The AMR-220 is a compact-sized Class-D digital mixer/amplifier for classroom or meeting room applications requiring switching of two audio sources (e.g., laptops, video conference systems). Additionally, a microphone can be mixed with the line-level audio sources. The adjustable balanced/unbalanced microphone input supports condenser, dynamic or wireless microphones.

A loop output can be used to share the same audio sources with multiple AMR-220s that power speakers in different audio zones. The AMR-220 offers various control options, including RS-232, as well as a convenient top control panel.

Key Features

- Two input, one output audio mixer/amplifier.
- Two analog audio inputs (switchable).
- Balanced/unbalanced adjustable microphone input with 48V phantom power for condenser, dynamic or wireless microphones.
- Supports microphone mixing to an audio line source.
- Built-in Class-D amplifier
- Power Output: 2 x 20 Watts (4 Ohms) or 1 x 40 Watts bridged (8 Ohms).
- EQ control (bass / treble).
- RS-232 control.
- Audio loop output to share audio sources with multiple amplifiers.
- Compact form factor with noiseless convection cooler.

Specifications

Power Supply	+24 VDC
Mounting.....	Surface / wall mount
Audio Input	One Line Input Stereo (RCA jack) One Line Input Stereo (3.5 mm jack)
Microphone Input.....	One balanced/unbalanced (3-pin Phoenix Connector), Switchable Line / 48V Phantom Power
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 20 Watts @ 4 Ohms / 1 x 40 Watts bridged @ 8 Ohms
Speaker Impedance	4 to 8 Ohms
Frequency Response.....	20Hz to 20KHz
Bandwidth.....	20Hz to 25KHz
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 nominal level
Total Harmonic Distortion + Noise @20KHz	0.3% at nominal level
Front Panel Control.....	5 Buttons for Input Select, Volume and EQ
RS232 Control.....	One, Bidirectional control (3-pin Phoenix Connector)
Operating Temperature.....	C -10 to +40 degrees F +14 to +104 degrees
Operating Humidity.....	5% to 95% Non-condensing
Dimensions WxHxD.....	4.84" (123mm) x 1.55" (39.5mm) x 3.42" (87mm)
Warranty	Three Years (Parts & Labor)

All features and specifications subject to change without notice

