

4/8 Ohm Mixing Audio Amplifier

APPLICATION

The 4/8 Ohm Mixing Audio Amplifier is ideal for classrooms, small conference rooms, and light commercial or retail installations. The compact Class D digital amplifier includes two stereo audio inputs and one balanced mic input, which support EQ control and mic mixing. With 2 x 20 Watt at 4 Ohm as the default output, it can be switched to 1 x 40 Watt at 8 Ohm by bridge connection.



SPECIFICATION

The 4/8 Ohm Mixing Audio Amplifier shall include two stereo audio inputs, and one balanced microphone input. It shall offer three output modes: 2 x 20W stereo, 1 x 40W bridge mono, and 2 x 20W dual mono. The amplifier shall be controllable via front panel controls and through infrared remote and RS232 interfaces. It shall include a locking power supply connector.

FEATURES

- Three switchable inputs: two stereo audio and one mic
- Mic mixer function with independent control
- Mic input supports 48 V phantom power
- Line-audio output jack with controllable volume
- Volume, bass, treble, and mute controls
- Auto output mute on no input
- IR and RS232 control capability
- 20Hz – 20KHz frequency response
- Three output modes: 2 x 20W stereo, 1 x 40W bridge mono, and 2 x 20W dual mono
- LED indicators for power and control function feedback
- Locking power supply input connector
- Tested to UL 2043 as suitable for use in air-handling spaces per NEC 300-22(b)(c)

DESIGN CONSIDERATIONS

- Use Audio Amplifier Remote Control and Target Kit (41920-AIR) to control the amplifier
- RS232 command set for setup and control via a room or central control system

STANDARDS COMPLIANCE

- FCC, CE
- UL 2043 compliant for plenum spaces

PHYSICAL SPECIFICATIONS

Dimensions:	123 mm W x 38 mm H x 87mm D 4.84" W x 1.49" H x 3.43" D
Materials:	Metal enclosure
Power input	100-240VAC 50/60Hz
Power output	24VDC 0.21A
Temperature	0°C to 50°C (32°F to 122°F)

COUNTRY OF ORIGIN

China

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

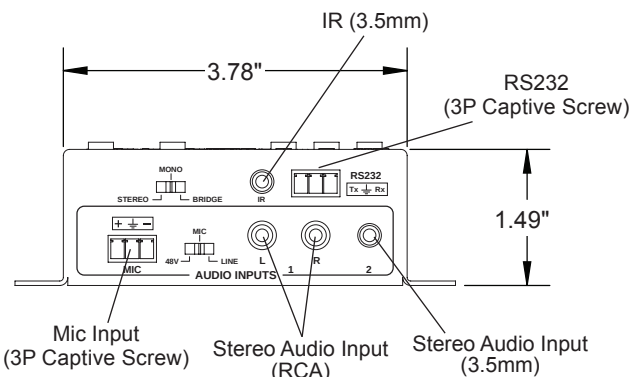
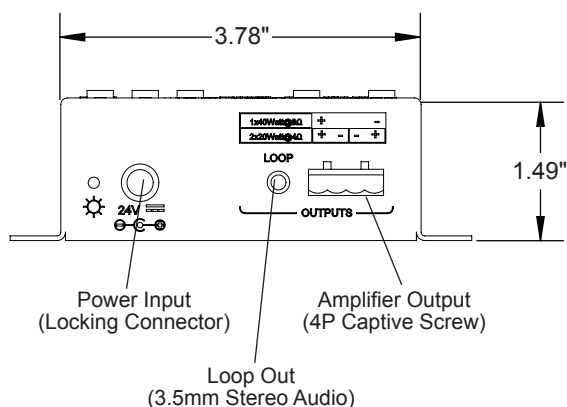
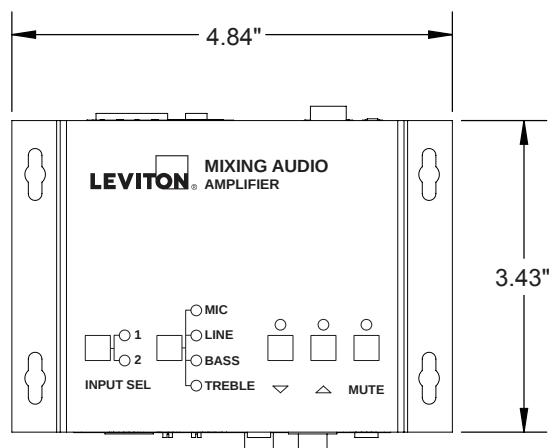
41920-A01

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

41920-A01

AUDIO CONNECTIONS	
Input	2 stereo audio 1 mic
Input Connector	2 RCA 1 3.5mm jack 1 captive screw (3P)
Input Impedance	> 10kΩ
Output	1 amplifier 1 stereo audio
Output Connector	1 3.5mm jack 1 captive screw (4P)
Output Impedance	50Ω/stereo 4~8Ω/amplifier



PART NUMBERS

Description

4/8 Ohm Mixing Audio Amplifier, includes power adapter (24VDC)

Part No.

41920-A01

