

## 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<br>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](http://www.leviton.com/warranty).

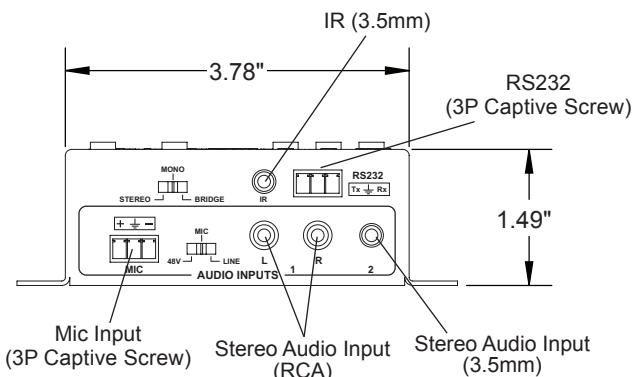
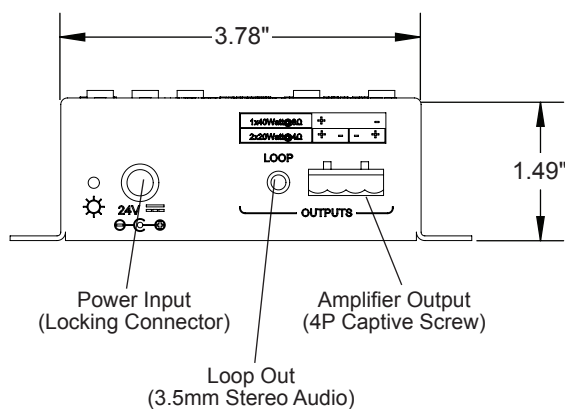
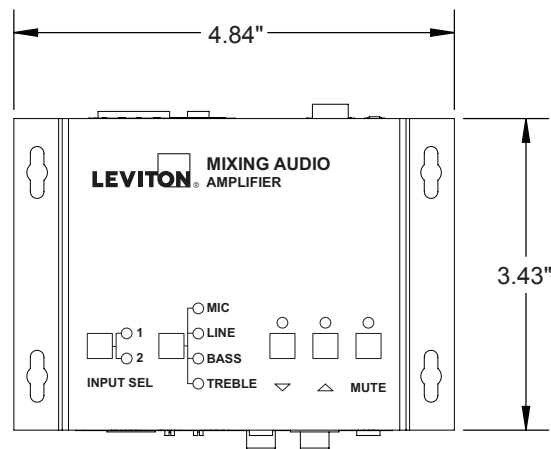
41920-A01

## ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit [www.leviton.com](http://www.leviton.com).

41920-A01

| AUDIO CONNECTIONS |                                               |
|-------------------|-----------------------------------------------|
| Input             | 2 stereo audio<br>1 mic                       |
| Input Connector   | 2 RCA<br>1 3.5mm jack<br>1 captive screw (3P) |
| Input Impedance   | > 10kΩ                                        |
| Output            | 1 amplifier<br>1 stereo audio                 |
| Output Connector  | 1 3.5mm jack<br>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

