



## INSTALLATION AND OPERATION MANUAL

### EZ-PA20

#### 20 Watt Stereo Audio Power Amplifier

Model numbers:  
EZ-PA20 includes power supply with North American plug  
EZ-PA20X includes worldwide power supply (specify plug)



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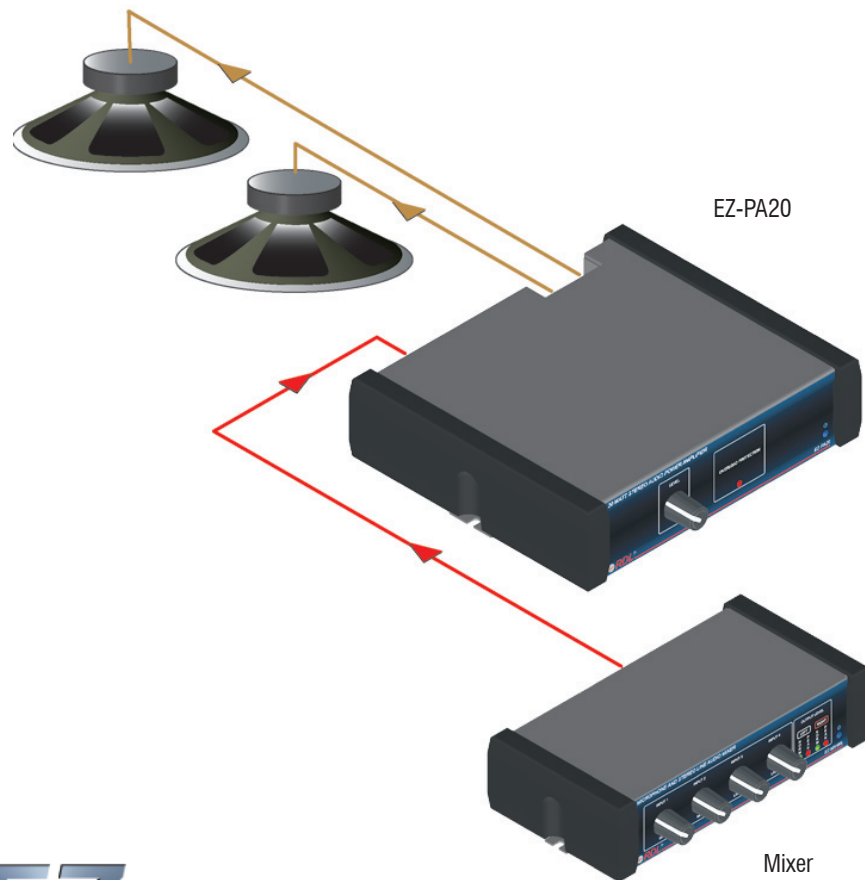
# EZ-PA20

## 20 Watt Stereo Audio Power Amplifier

- Audio Amplifier with Front-Panel Level Control
- 10 Watts RMS Per Channel into 8  $\Omega$
- 8 Watts RMS Per Channel into 4  $\Omega$
- Switch-Selectable Load Impedance on Rear Panel
- Unbalanced Line Input on RCA Jacks
- Switch-Selectable Mono or Stereo Mode
- Integral Overload Limiter with LED Indicator
- Limiter Controls Overloads from Clipping

The EZ-PA20 is a stereo audio amplifier with one line input and a front-panel volume control. An integral compressor/limiter allows a higher sound output level without clipping than a standard amplifier. The outputs drive 4 or 8 ohm speakers. The EZ-PA20 is used in houses of worship, restaurants, clubs, meeting rooms, educational facilities, conference rooms and commercial sound systems.

### TYPICAL APPLICATION



**OUTPUT LEVEL**  
Adjust for the desired sound level.

**POWER INDICATOR**  
Glowes blue when the product is connected to a valid power source.

**OVERLOAD INDICATOR**  
LED flashes when the internal compression circuits are protecting the amplifier output against overload. It is normal for this indicator to flash during high audio levels. Reduce the input level if this indicator flashes excessively or stays on continuously.



**24 V POWER INPUT**  
Insert plug from power supply. Rotate 1/4 turn clockwise to lock.

**IMPEDANCE SELECTOR**  
Set to match the speakers connected:  
8 Ohm: Button OUT  
4 Ohm: Button IN

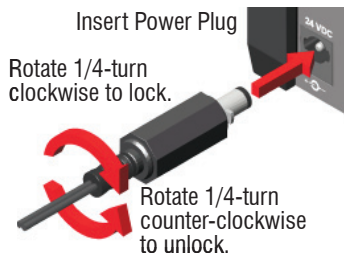
**LINE INPUTS**  
Connect a line-level source to LINE IN.

**SPEAKER WIRING**  
Lift lever, insert wire. Close lever to lock.

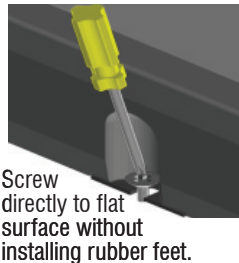
**MONO/STEREO MODE**  
If a mono source is connected to one input, set MODE to MONO (Button IN). If a stereo source is connected, but a mono summed (combined left and right) amplifier output is preferred, set MODE to MONO; for stereo operation, set MODE to STEREO (Button OUT).

**SPEAKER OUTPUTS**  
Connect a pair of 8 Ohm or 4 Ohm speakers to the LEFT SPKR and RIGHT SPKR terminals. Connect the speaker "+" terminal to the amplifier "+" terminal. Connect the speaker "-" terminal to the amplifier "-" terminal. **DO NOT GROUND ANY SPEAKER OUTPUT TERMINAL!**

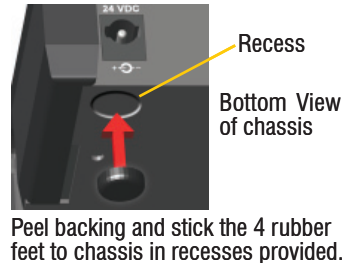
**POWER CONNECTION**



**FIXED MOUNTING**



**RUBBER FEET ATTACHMENT**



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## SELECTED MOUNTING ACCESSORIES Complete accessory listing available at: [rdlez.com](http://rdlez.com)

### EZ-RA6

**Rack Adapter** for 6 Increments of 1/6 Rack Width



### EZ-CC6

**Component Chassis** for 6 Increments of 1/6 Rack Width



### EZ-SMB2

**Surface Mount Bezel** for 1/3 Rack Width Products



### EZ-DC2

**Desktop Chassis** 1/3 Rack Width



### EZ-UCB2

**Under-Counter Brackets** 1/6 or 1/3 Rack Width



### EZ-SD2

**Storage Drawer** 1/3 Rack Width Use In Place of Filler Panel  
Holds Adapters and Cables  
Mounts in EZ-CC6 and EZ-RA6



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## TYPICAL PERFORMANCE

Input: > 10 k $\Omega$ , -10 dBV nominal on RCA jacks, -13 dBV Min. (for 10 W out), +22 dBV max.  
Gain: Off to 32 dB  
Outputs (2): Left and Right, 10 Watts RMS into 8  $\Omega$  per channel or 8 Watts RMS into 4  $\Omega$  per channel, switch-selectable output impedance  
Frequency Response: 35 Hz to 20 kHz ( $\pm$  1.5 dB, 10 Watts)  
THD+N: < 0.25%  
Crosstalk: < -68 dB (1 kHz)  
Phantom: Switch-selectable 24 V (IEC 1938: 1996-12)  
Noise: < -70 dB (below 10 Watts)  
24 Vdc power supply current: 160 mA (idle), 1000 mA (max.)  
Power supply input voltage: 100 to 240 VAC  
Warranty: 3 Years; contact RDL technical support department for assistance  
Case dimensions: 5.75" (14.6 cm)W x 5" (12.7 cm)D  
Mounting size: 1/3 rack width

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