



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)



RDL EZ Series products provide the highest level of value to A/V professionals and A/V users who demand professional quality. For long-term performance, quality and value, you have made the EZ choice. EZ products are made in the USA by RDL, the inventor of application-specific modules bringing decades of experience as the world's leading manufacturer of high-reliability performance products to the A/V industry. Visit the RDL website for hundreds of professional A/V products made in the USA by RDL.



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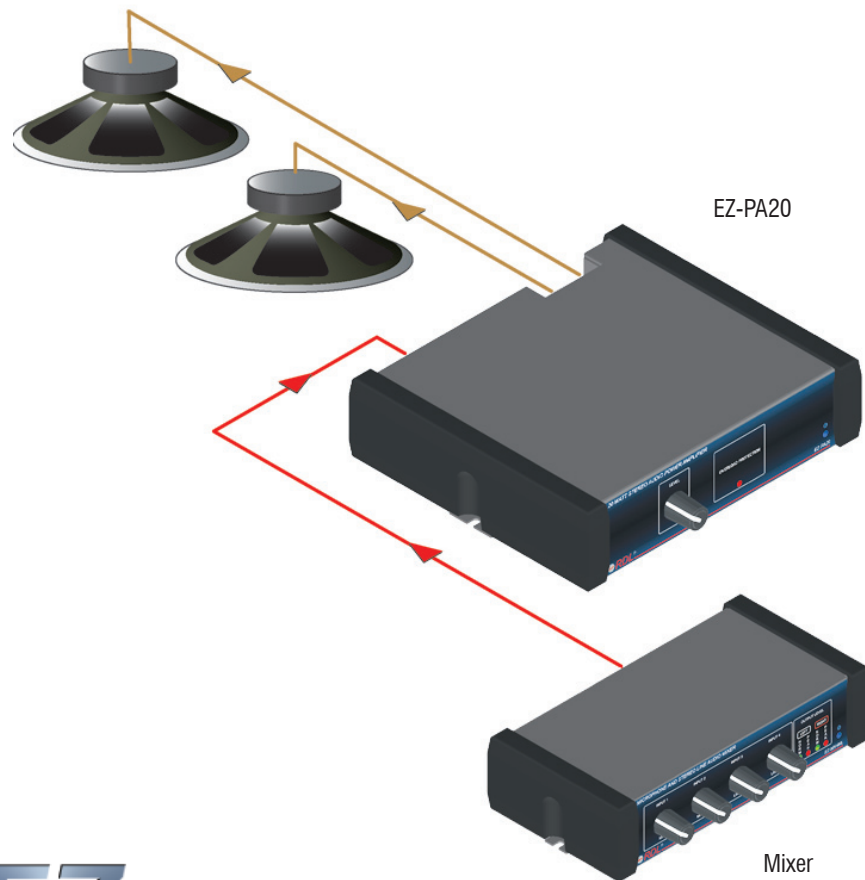
EZ-PA20

20 Watt Stereo Audio Power Amplifier

- Audio Amplifier with Front-Panel Level Control
- 10 Watts RMS Per Channel into 8 Ω
- 8 Watts RMS Per Channel into 4 Ω
- 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



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OUTPUT LEVEL

Adjust for the desired sound level.

POWER INDICATOR

Glow 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.

SPEAKER WIRING

Lift lever, insert wire. Close lever to lock.

IMPEDANCE SELECTOR

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

LINE INPUTS

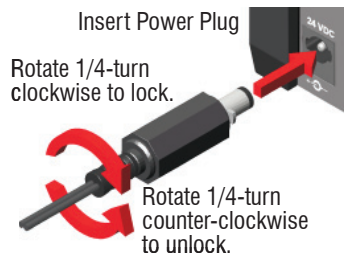
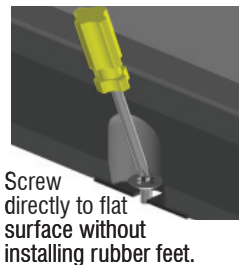
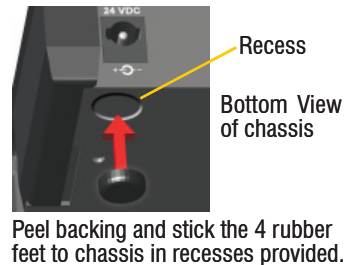
Connect a line-level source to LINE IN.

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**

SELECTED MOUNTING ACCESSORIES Complete accessory listing available at: 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



TYPICAL PERFORMANCE

Input: > 10 k Ω , -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 Ω per channel or 8 Watts RMS into 4 Ω 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