

Electro-Voice PM600 Powered Mixer

The EV PM600 was designed to give you all the features of a separate mixing console, power amplifier, and digital signal processing effects unit, all in one easy-to-set-up powered mixer. The PM600 offers plenty of power, greater effects, and more extras than competitive models. With 2 x 300 watts of power (at 4 ohms), six mic and two stereo inputs, and two separate stereo effects processors with 100 programs each, the PM600 is an excellent choice for schools, houses of worship, and business functions.



MORE POWER:

300 watts per channel at 4 ohms, 150 watts per channel at 8 ohms.

MORE EFFECTS:

Two separate, 18-bit digital effects processors with 100 programs; each provides studio-quality reverbs, delays and multi-effects.

MORE PROFESSIONAL "EXTRAS":

- 6 microphone and 2 stereo line input channels for versatility.
 - 3-band EQ on each channel.
 - Stereo 7-band graphic equalizer.
 - Dynamic limiter circuit in power amplifier prevents clipping.
 - Neutrik Speakon[®] output connectors for loss-free signal transfer.
 - Locking metal cover and recessed handles for easy transportability.
- Unit can be rack mounted with optional kit.

PM600 Specifications

Maximum Power (at < 1% THD, midband, both channels driven)

4-Ohm Load per Channel 340 watts

8-Ohm Load per Channel 200 watts

Rated Power (at < 0.2% THD, 20 to 20,000 Hz, both channels driven)

4-Ohm Load per Channel 300 watts

8-Ohm Load per Channel 150 watts

Total Harmonic Distortion

Mic Input or Mains Output (+16 dBu) <0.006%

Power Amplifier Input to Speaker Output <0.05%

Frequency Response (-3 dB referenced to 1,000 Hz)

Any Input to Mixer Output 15-60,000 Hz

Any Input to Speaker Output 30-40,000 Hz

Crosstalk (at 1,000 Hz)

Channel to Channel >70 dB

Common Mode Rejection Ratio (mic input) >80 dB

Maximum Level (mixer section)

Mic Inputs +11 dBu

Line Inputs +30 dBu

All Other Inputs +20 dBu

Record Send Output +14 dBu

All Other Outputs +20 dBu

Equivalent Input Noise (150-ohm terminated)

Mic Input, (dB-A weighted) -130 dBu

Noise (channel input to main output, dB-A weighted)

Master Faders Down -90 dBu

Master Faders at 0 dB, Channel Faders Down -89 dBu

Master Faders at 0 dB, Channel Faders at 0 dB -83 dBu

Power Amp Signal-to-Noise Ratio (dB-A weighted) >105 dB

Equalization

Mono Channel Inputs

Low (+ / -15 dB) 60 Hz

Mid (+ / -15 dB) 100-8,000 Hz

High (+ / -15 dB) 12,000 Hz

Master Left / Right Outputs 7-Band Graphic Graphic

Dimensions

Height (inches) 6.9 (176 mm)

Width (inches) 17.9 (456 mm)

Depth (inches) 13.4 (341 mm)

Weight (including cover) 28.7 lbs