

Electro-Voice

PM1000 Powered Mixer

The PM1000 helped define an entirely new category of professional powered mixers for those who are serious about sound quality. With its outstanding performance and flexibility, the PM1000 is an excellent choice for applications ranging from live bands to houses of worship and business AV. The compact, all-in-one PM1000 features plenty of inputs, more than 1,000 watts of super clean power, two separate stereo effects processors with 100 programs each, stereo 7-band EQ, EV's unique vocal voicing filter, and much more.



MORE POWER:

500 watts per channel at 4 ohms, 250 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. Each processor has its own 60-mm input fader.

MORE PROFESSIONAL "EXTRAS":

- 10 microphone and 4 stereo line inputs, 3-band EQ with sweepable mids on mono inputs, fixed 3-band EQ on stereo inputs.
- Stereo 7-band graphic equalizer.
- Vocal voicing filter for increased vocal intelligibility.
- Switchable, 80-Hz, low-cut filter reduces handling and stage noise.
- Dynamic limiter circuit in power amplifier prevents clipping and helps protect speakers.
- Neutrik Speakon® connectors for loss-free connections.

The patch bay has 1/4 -inch balanced TRS inputs and outputs.

- Locking metal cover and recessed handles for easy transportability.
- Unit can be rack mounted with optional kit.

PM1000 Specifications

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

4-Ohm Load per Channel 570 watts

8-Ohm Load per Channel 340 watts

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

4-Ohm Load per Channel 500 watts

8-Ohm Load per Channel 250 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 +16 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 -92 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) >104 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

Dimensions

Height (inches) 8.3 (210 mm)

Width (inches) 20.0 (509 mm)

Depth (inches) 18.8 (479 mm)

Weight (including cover) 44.1 lbs