



Specifications



EUROPOWER PMP2000

800-Watt 14-Channel Powered Mixer with Multi-FX Processor

Specifications

Mono Inputs

Microphone inputs

Type	XLR, electronically balanced, discrete input circuit
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Mic E.I.N. (20 Hz - 20 kHz)

@ 0 Ω source resistance	-122 dB / 125 dB A-weighted
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@ 50 Ω source resistance	-122 dB / 125 dB A-weighted
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@ 150 Ω source resistance	-121 dB / 124 dB A-weighted
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Frequency response	<10 Hz - 100 kHz (-1 dB), <10 Hz - >200 kHz (-3 dB)
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Gain	+33 dB, +8 dB with pad
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Max. input level	+12 dBu @ +8 dB gain
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Impedance	approx. 2.2 k Ω balanced / 1.1 k Ω unbalanced
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Signal-to-noise ratio	110 dB / 114 dB A-weighted (-11 dBu In @ +33 dB gain)
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Distortion (THD + N)	0.001% / 0.0008% A-weighted
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Mono Line Inputs

Type	¼" TRS connector, balanced
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Impedance	approx. 80 k Ω balanced, 40 k Ω unbalanced
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Max. input level	30 dBu
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Stereo Line Inputs

Type	¼" TRS connector, unbalanced
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Impedance	approx. 40 k Ω unbalanced
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Max. input level	+28 dBu
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EQ

Low	60 Hz / ± 15 dB
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Mid	700 Hz / ± 15 dB
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High	6 kHz / ± 15 dB
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Preamp Outputs Left/Mono & Right

Type	¼" TRS connector, unbalanced
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Impedance	approx. 1.5 k Ω
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Max. output level	+21 dBu
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Power Amp Inputs

Type	¼" TRS connector, unbalanced
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Impedance	approx. 47 k Ω
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Max. input level	+21 dBu
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Monitor Output

Type	¼" TRS connector, unbalanced
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Impedance	1.5 k Ω
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Max. output level	+21 dBu
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DSP	24-bit Texas Instruments
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Converter	24-bit Sigma-Delta, 64/128-times oversampling
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Sampling rate	40 kHz
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Main Mix System Data¹

Noise

Main mix @ $-\infty$, Channel fader $-\infty$	-76 dB / -80 dB A-weighted
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Main mix @ 0 dB, Channel fader $-\infty$	-72 dB / -76 dB A-weighted
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Main Mix @ 0 dB, Channel fader @ 0 dB	-71 dB / -75 dB A-weighted
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Power Amp Specifications

RMS @ 1 % THD (sine wave), both channels driven:

8 Ω per channel	165 W
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4 Ω per channel	250 W
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RMS @ 1 % THD (sine wave), bridged mode:

8 Ω	500 W
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Peak Power, both channels driven

8 Ω per channel	225 W
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4 Ω per channel	350 W
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Peak Power, bridged mode

8 Ω	800 W
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Loudspeaker Connections

Loudspeaker connector	Professional speaker connectors (compatible to Neutrik Speakon)
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Load Impedance

Left/monitor	4/8/16 Ω
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Right/mono main	4/8/16 Ω
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Bridge	8/16 Ω
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Power Supply**Voltage and fuse**

USA/Canada	120 V~, 60 Hz T 10 A H 250 V
Europe/U.K./Australia	230 V~, 50 Hz T 5 A H 250 V
China/Korea	220 V~, 50/60 Hz T 6.3 A H 250 V
Japan	100 V~, 50 – 60 Hz T 12 A H 250 V
General export model	230 V~, 50 Hz T 5 A H 250 V 120 V~, 60 Hz T 10 A H 250 V
Power consumption	max. 1 kW
Mains connection	Standard IEC receptacle

Dimensions/Weight

Dimensions (H x W x D)	approx. 11 x 18 1/8 x 10 5/8" approx. 280 x 460 x 270 mm
Weight (net)	approx. 30.9 lbs / 14 kg

Measuring conditions:

1: 20 Hz – 20kHz; measured at preamp output. All channels: level controls in center position; EQ flat.

Reference = 0 dBu.

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