

PMP1280S

EUROPOWER

Technical Specifications

en

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EUROPOWER

1,200-Watt 10-Channel Powered Mixer with Dual Multi-FX Processor and FBQ Feedback Detection System

- ▲ Ultra-compact 2 x 600-Watt stereo powered mixer (1,200 Watt bridged mode)
- ▲ Revolutionary amplifier technology: enormous power, incredible sonic performance and super-light weight
- ▲ Ultra-compact design at nearly half the depth and weight of conventional powered mixers means no more lugging around dead weight
- ▲ 10-channel mixer section features 6 mono and 2 stereo channels plus separate tape returns
- ▲ 2 studio-grade 24-bit stereo FX processors with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects
- ▲ Revolutionary FBQ Feedback Detection system instantly reveals critical frequencies for easy feedback removal
- ▲ 8 high-quality mic preamps with switchable +48 V phantom power for condenser microphones
- ▲ Effective, extremely musical 3-band EQ, switchable Pad and Clip LEDs on all mono channels
- ▲ Stereo 7-band graphic EQ allows precise frequency correction of monitor and main outputs
- ▲ Voice Canceller function removes singer's voice from recordings for Karaoke applications
- ▲ Selectable stereo (main L/R), double mono (main/monitor) or bridged mono amplifier operation mode
- ▲ Speaker Processing function adjusts frequency response to match professional speaker systems like BEHRINGER EUROLIVE series, etc.
- ▲ Standby switch mutes all input channels during breaks while background music is provided via tape inputs
- ▲ Adjustable stereo Aux input for connecting external signal sources
- ▲ Internal switch-mode power supply, noise-free audio, superior transient response and very low power consumption
- ▲ Rack mount brackets included
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

SPECIFICATIONS

MICROPHONE INPUTS

Type	XLR, electronically balanced input circuit
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 Ω source resistance	-112 dB / -114 dB A-weighted
@ 50 Ω source resistance	-112 dB / -114 dB A-weighted
@ 150 Ω source resistance	-112 dB / -114 dB A-weighted
Frequency response	< 10 Hz – 200 kHz (-1 dB) < 10 Hz – >200 kHz (-3 dB)
Gain	+30 dB, +10 dB with pad
Max. input level	+12 dBu @ +10 dB gain
Impedance	approx. 2.2 k Ω balanced approx. 1.1 k Ω unbalanced
Signal-to-noise ratio	110 dB / 114 dB A-weighted (0 dBu In @ +10 dB gain)
Noise (THD + N)	0.001% / 0.0007% A-weighted

MONO LINE INPUTS

Type	1/4" TS connectors, balanced
Impedance	approx. 20 k Ω , balanced
Max. input level	+21 dBu

STEREO LINE INPUTS

Type	1/4" TRS connectors, unbalanced
Impedance	approx. 100 k Ω , unbalanced
Max. input level	+21 dBu

EQUALIZER

Low	80 Hz / +/-15 dB
Mid	2.5 kHz / +/-15 dB
High	12 kHz / +/-15 dB

2 TRACK INPUT

Type	RCA
Impedance	approx. 10 k Ω

PREAMP OUTPUTS

MAIN

Type	1/4" TS connectors, unbalanced
Impedance	approx. 150 Ω , unbalanced
Max. output level	+21 dBu

MONITOR

Type	1/4" TS connectors, unbalanced
Impedance	approx. 150 Ω , unbalanced
Max. output level	+21 dBu

STEREO OUTPUTS

Type	1/4" TRS connectors, unbalanced
Impedance	approx. 150 Ω , unbalanced
Max. input level	+21 dBu

Type

Impedance	RCA
Max. input level	approx. 1 k Ω +21 dBu

MAIN MIX SYSTEM DATA

Noise	
MAIN MIX @ - ∞	
Channel fader - ∞	-102 dB/-106 dB, A-weighted
MAIN MIX @ 0 dB	
Channel fader - ∞	-88 dB/-91 dB, A-weighted
MAIN MIX @ 0 dB	
Channel fader 0 dB	-84 dB/-86 dB, A-weighted

LOUDSPEAKER OUTPUTS

Type	Neutrik Speakon-compatible connector
Load impedance	
MAIN L/R	4 - 8 Ω
MONITOR/MAIN MONO	4 - 8 Ω
BRIDGE	8 - 16 Ω

DSP

Converter	24-bit Delta-Sigma, 64/128-times oversampling
Dynamics D/A	90 dB
Sampling rate	40 kHz
Delay Time	max. 5 sec.
Signal run time	approx. 1.5 ms (Line In > Line Out)

DISPLAY

Type	2 x 2-digit, 7-segment LED
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OUTPUT POWER

RMS @ 1% THD (sine wave), both channels driven:	
8 Ω per channel	215 W
4 Ω per channel	450 W

RMS @ 1% THD (sine wave), bridged mode:	
8 Ω	900 W

Peak Power, both channels driven:	
8 Ω per channel	300 W
4 Ω per channel	600 W

Peak Power, bridged mode:	
8 Ω	1200 W

POWER SUPPLY (Europe, Australia)

Mains voltage	230 V~, 50 Hz
Fuse	T 6.3 A H 250 V

POWER SUPPLY (China, Korea)

Mains voltage	220 V~, 50 Hz
Fuse	T 6.3 A H 250 V

POWER SUPPLY (USA, Canada)

Mains voltage	120 V~, 60 Hz
Fuse	T 10 A H 250 V

POWER SUPPLY (Japan)

Mains voltage	100 V~, 50/60 Hz
Fuse	T 10 A H 250 V

Power consumption	1000 W
Mains connector	IEC standard receptacle

DIMENSIONS/WEIGHT

Dimensions (H x W x D)	approx. 12 2/5" x 18 1/10" x 8 3/5" approx. 315 mm x 460 mm x 220 mm
Weight	23 1/3 lbs. 10.6 kg

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