

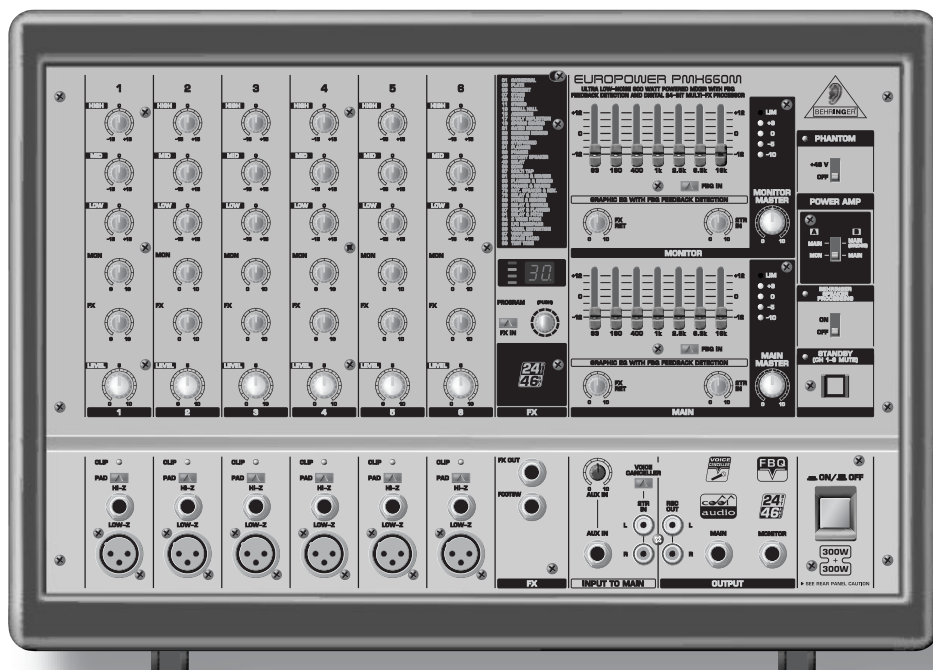
PMX660M

EUROPOWER

Technical Specifications

Version 1.1 January 2004

ENGLISH



EUROPOWER PMX660M

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Ultra-Compact 600-Watt 8-Channel Powered Mixer with 24-Bit Multi-FX Processor and FBQ Feedback Detection System

- ▲ Super-compact 2 x 300-Watt (600 Watts bridged mode) dual mono powered mixer
- ▲ Revolutionary COOLAUDIO Amplifier Technology: Enormous power, incredible sonic performance and super-light weight
- ▲ Ultra-compact dimensions at nearly half the depth and weight of conventional powered mixers means no more lugging around dead weight
- ▲ 8-channel mixer section comprised of 6 mono channels plus separate tape returns
- ▲ 24-bit FX processor with 99 outstanding VIRTUALIZER presets including reverb, delay, chorus, flanger and more
- ▲ Revolutionary FBQ Feedback Detection System instantly reveals critical frequencies for easy feedback removal
- ▲ 6 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 channels
- ▲ Dual 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 double mono (main/main, 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 aux input for connecting external signal sources
- ▲ Internal switch-mode power supply for maximum flexibility (100 - 240 V~), noise-free audio, superior transient response and lowest possible power consumption
- ▲ Extremely rugged construction ensures long life even under most demanding conditions
- ▲ Rack mount brackets included
- ▲ Designed in Germany. Manufactured under ISO9000 certified management system

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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 / 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 |
| 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 | RCA, mono output |
| Impedance | approx. 1 k Ω |
| Max. input level | +21 dBu |
| MAIN MIX SYSTEM DATA | |
| Noise | |
| MAIN MIX @ - ∞ | -102 dB/-106 dB A-weighted |
| Channel fader - ∞ | |
| MAIN MIX @ 0 dB | -88 dB/-91 dB A-weighted |
| Channel fader - ∞ | |
| MAIN MIX @ 0 dB | -84 dB/-86 dB A-weighted |
| Channel fader @ 0 dB | |
| LOUDSPEAKER OUTPUTS | |
| Type | NEUTRIK NL4MP SPEAKON [®] |
| Load impedance | |
| MONITOR/MAIN MONO | 4 - 8 Ω |
| MAIN MONO/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 | 46.875 kHz |
| Delay Time | max. 5 secs |
| Signal run time (Line In > Line Out) | approx. 1.5 msec |
| DISPLAY | |
| Type | 2-digit, 7-segment LED |
| AMPLIFIER | |
| | Output power |
| Output power @ 4 Ω | 2 x 300 W |
| Output power @ 8 Ω | 2 x 150 W |
| Output power @ 8 Ω (BRIDGE) | 1 x 600 W |
| POWER SUPPLY | |
| Mains voltage | 85 - 250 V~, 50 / 60 Hz |
| Power consumption | 480 W |
| Fuse | 220 - 240 V~: T 3.15 A H 250V 100 - 120 V~: T 5 A H 250V |
| 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 | 9.15 kg 20.175 lb. |

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