

# PMH518M

# EUROPOWER

## Specifications

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Ultra-Compact 180-Watt 5-Channel Powered Mixer with 24-Bit Multi-FX Processor and FBQ Feedback Detection System



- ▲ Super-compact rackmountable 180-Watt powered mixer with 24-bit FX processor
- ▲ Revolutionary 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
- ▲ Ultra low-noise ULN design for highest possible headroom and ultra-transparent audio
- ▲ 5-channel mixer section comprised of 5 mic/line channels plus separate 2-track in/output
- ▲ Integrated 24-bit digital FX processor 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
- ▲ 5 high-quality mic preamps with switchable Pad and Clip LEDs
- ▲ Effective, extremely musical 2-band EQ on all channels
- ▲ 7-band graphic EQ allows precise frequency correction
- ▲ 3 speaker outputs on 1/4" jack and professional speaker connectors (compatible to Neutrik® Speakon®)\*
- ▲ Rack mount brackets included
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

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## SPECIFICATIONS

### MICROPHONE INPUTS

Type	XLR, electronically balanced
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 $\Omega$ source resistance	-122 dB / -125 dB A-weighted
@ 50 $\Omega$ source resistance	-122 dB / -125 dB A-weighted
@ 150 $\Omega$ source resistance	-121 dB / -124 dB A-weighted
Frequency response	< 10 Hz - 100 kHz (-1 dB), < 10 Hz - 200 kHz (-3 dB)
Gain	+33 dB, +8 dB with pad
Max. input level	+12 dBu @ 10 dB gain
Impedance	approx. 2.2 k $\Omega$ balanced, 1.1 k $\Omega$ unbalanced
Signal-to-noise ratio	110 dB / 114 dB A-weighted (-11 dBu in @ +33 dB gain)
Distortion (THD+N)	0.001% / 0.0008% A-weighted

### MONO LINE INPUTS

Type	1/4" TRS connector, balanced
Impedance	approx. 80 k $\Omega$ balanced, 40 k $\Omega$ unbalanced
Max. input level	+30 dBu

### EQ

Low	80 Hz / $\pm 15$ dB
High	12 kHz / $\pm 15$ dB

### MAIN MIX SYSTEM DATA

Noise	
Main mix @ $-\infty$ , Channel fader $-\infty$	-106 dB / -110 dB A-weighted
Main mix @ 0 dB, Channel fader $-\infty$	-87 dB / -90 dB A-weighted
Main Mix @ 0 dB, Channel fader @ 0 dB	-80 dB / -82 dB A-weighted

### LOUDSPEAKER OUTPUTS

Type	Neutrik <sup>®</sup> Speakon <sup>®</sup> -compatible, 1/4" TS connectors
Load impedance	4 - 16 $\Omega$

### DSP

Converter	24-bit Sigma-Delta,
Sampling rate	40 kHz

### DISPLAY

Type	2-digit, 7-segment LED
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### AMPLIFIER

Output power @ 4 $\Omega$	1 x 180 W
Output power @ 8 $\Omega$	1 x 100 W

### POWER SUPPLY

Mains voltages	U.S./Canada 120 V~, 60 Hz China/Korea 220 V~, 50 Hz Europe/U.K./Australia 230 V~, 50 Hz Japan 100 V~, 50 - 60 Hz General export model 120/230 V~, 50 - 60 Hz
Power consumption	max. 290 W
Fuse	100 - 120 V~: <b>T 6.3 A H 250 V</b> 220 - 240 V~: <b>T 3.15 A H 250 V</b>
Mains connection	Standard IEC receptacle

### PHYSICAL/WEIGHT

Dimensions (H x W x D)	approx. 4 3/5" (117 mm) x 18 1/2" (470 mm) x 8 9/8" (225 mm)
Weight (net)	approx. 15.88 lbs (7.2 kg)

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