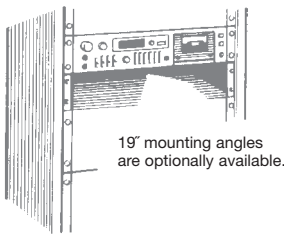


# PMX-1216

## PROFESSIONAL 16 CHANNEL POWER-MIXER 1200 W



19" mounting angles are optionally available.



### INPUT-SECTION

- 8 mono input CH, which can be supplied over MIC (XLR sockets) or LINE (6.3 mm jack sockets). CH 9/10 & 11/12 can be operated mono (L) and stereo (L/R). CH 13/14 & CH 15/16 may be used as stereo AUX returns or LINE level CH.
- CH 1-8 have pre-amplifying controls for MIC "Gain" and LINE "Trim". CH 9/10 & 11/12 have an input level switch. CH 1-4 are equipped with low-cut switches and a 3-band CH-EQ (semi-parametric mids). CH 5-10 feature a 3-band CH-EQ. There are panorama controls for mono and balance controls for stereo channels (except for CH 13-16).
- Pre-listening to all channels and listening to monitor sum, main L/R, mono out and AFL/PFL is possible with an adjustable headphone output. 2 pre-fader and one post-fader AUX ways per CH and CH-insert for CH 5-8.
- Phantom power is centrally switchable for all MIC inputs.

### AMP.-/ MASTER-SECTION

- The main amplifier output (L/R, each 600 W @ 4 ohms) has two speak-on output sockets or two jack sockets connected in parallel, adjustable by a stereo master fader (L+R) over a LED meter display and a graphic-EQ L/R. Amp-mode, L+R monitor or L/R stereo selectable.
- 2 RCA in-/output sockets with level control and solo switch serve for 2-track IN/OUT (L/R). A mono-fader with switchable LPF serves for subwoofer out, Main L/R and monitor pre-amp out for external power amplifiers.

### EFFECT-SECTION

- A switchable digital effects board enables to add 99 high-grade effects with a DSP master fader to the sum and to the monitor way. Easy to handle via digital display with up/down push-button.

### HIGHLIGHTS

- Use of the internal power amplifier and the master EQ automatic switch-off of the mixer section over amp-input.
- The mixer PMX-1216 is designed to be tabletop unit or for integration into 19" racks. The 19" mounting angles "RMK-16 P" available on option.

### Technical Data

### PMX-1216

Input sensitivity	MIC IN: -55 dBm (1.38 mV), 50-600 ohms LINE IN: -35 dBm (13.8 mV), 600 ohms Stereo in: 0 dBu (775 mV), 600 ohms
Output power	2x 600/900W at 4 ohms, 2x 350/520W at 8 ohms
Output sensitivity	Main out L/R, mono out, aux send 1/2 and monitor out 600 ohms, +4 dBu (1.23 V) Tape out (L/R) 600 ohms, -10 dBu (245 mV)
Signal-to-noise ratio	better than 97 dB
Crosstalk	better than 90 dB
Frequency response	20 Hz - 20 kHz +1 / -2 dB
Channel equalizer	Highs: 12 kHz shelving ±15 dB Mids: 2.5 kHz peaking ±12 dB Mids for CH 1-3 semi-parametric 100 Hz-8 kHz ±12 dB Lows: 80 Hz shelving ±15 dB Low cut: 18 dB / oct. @ 75 Hz
Phantom power	+48 V DC
Power supply	220V - 240V/AC, 50-60 Hz
Input power	approx 2.200 W
Dimensions (W x H x D) ;Weight	515 x 405 x 148 mm; 16.0 kg

### Model designations

Power Mixer, 16 channels, 1200 W.....	<b>PMX-1216</b>
19" Rack-Mounting-Kit, 9 RU.....	<b>RMK-16 P</b>