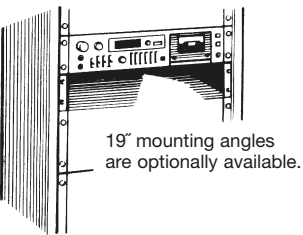


16-CHANNEL POWER-MIXER

RCS



+ 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-16P” available on option.

★

Technical data	PMX-1216
Input sensitivity	Mic In: -55dBm (1,38mV), 50-600 ohms
	Line In: -35 dBm (13,8mV), 600 ohms
	Stereo In: 0 dBu (775mV), 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, Monitor-Out: 600ohms, +4dBu (1,23V)
	Tape-Out (L/R) 600 ohms, -10dBu (245mV)
Signal-to-noise ratio	better than 97dB
Crosstalk	better than -90dB
Frequency range	20Hz – 20kHz +1 / -2dB
Channel equalizer	Highs: 12kHz shelving ±15dB
	Mids: 2,5kHz peaking ±12dB
	Mids for CH 1-3 semiparam. 100Hz-8kHz ±12dB
	Lows: 80Hz shelving ±15dB
	Low Cut: 18dB/Okt.@ 75Hz
Phantom power	+48V DC
Power supply	220V – 240V/AC, 50–60 Hz
Input power	approx. 2200 W
Dimensions (WxHxD) ;Weight	515 x 405 x 148 mm; 16,0 kg

Model designations

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