PM 801
Single Rack Unit 8-Channel Mixer with Tone Control

Features

‣ 8 Mic/Line inputs through XLR and 1/4" phone jack connectors
‣ Ultra low noise preamp circuitry offering up to 62 dB gain (Mic In)
‣ Mute control, clip indicator and tone control on each channel
‣ Pre-fader out and aux in for connecting additional units to maximize the application flexibility
‣ Individual +48V phantom power on every channel to maximize
‣ Unbalanced 1/4" phone jack master output connector
‣ Built-in power supply - no wall wart!
‣ 1-unit space-saving design

Description

Phonic's PM 801 is an 8-channel mic/line analog mixer with individual phantom power, tone control, clip indicator and mute control on each channel. The ultra low noise pre-amps offer an incredible 62 dB of gain for mic inputs. A pre-fader output and aux input give you maximum flexibility to use this mixer with signal processors or other equipment. The built-in power supply means you don't have to worry about finding an electrical socket suitable for wall wart plugs. PM 801 is ideal for users that need a rack-mountable 8 channel mixer that can be used in cafes and restaurants, houses of worship, schools and studios.

Information in this document is subject to change without notice.

Page 1

PM 801 Data Sheet 11/21/2011

PHONIC
WWW.PHONIC.COM

483 mm / 19"

44 mm / 1.73"

Specifications

	PM 801
Inputs	
Total Channels	8
Mic input / Line Input	8 x XLR & 8 x 1/4" TS
Aux Bus In	RCA
Outputs	
Main Out	1/4" TS
Pre-Fader	RCA
THD+N	
THD (Any output, 1kHz @ + 14 dBu, 20Hz to 20 KHz)	0.01%
Metering	
Channel Clip indicator	+6dBu
Phantom Power Supply	+48V DC
Phantom Switches	DIP
Frequency Response (Mic input to any output)	
20Hz to 20KHz	+0/ -1 dB
20Hz to 60KHz	+0/ -3 dB
S/N ratio, ref to +4	106 dB
Microphone Preamp E.I.N (150 ohm terminated, max gain)	<-129.5 dB
CMRR (1 KHz @ -60 dBu, Gain at maximum)	80 dB
Maximum Level	
Mic Preamp Input	+10 dBu
All Other Input	+22 dBu
Main Output	+28 dBu
Impedance	
Mic Preamp Input	1.4 K ohms
Unbalanced Line In	12 K ohms
Aux Bus In	10 K ohms
Main Output	100 ohms
Pre-Fader Out	100 ohms
Power Requirement (depends on region)	100-120VAC, 220-240VAC 50/60Hz
Dimensions (WxHxD)	483 x 44 x 165 mm (19" x 1.73" x 6.49")
Net Weight	3.2kg (7.1 lbs)

Information in this document is subject to change without notice.

Page 2

PM 801 Data Sheet 11/21/2011

PHONIC
WWW.PHONIC.COM