

PM12 and PM16

Performance Mixing Consoles



The PM Performance Mixers from AMPro are a well-featured range of compact stereo console mixers, ideally suited to school, house of worship or hire applications. The PM12 offers 4 XLR mono input channels and 4 stereo input channels and the PM16 offers 8 XLR mono channels and 4 stereo input channels. Each offer outstanding sonic performance with a host of features.

The PM mixers include 4 or 8 XLR mic/line channels with insert point, XLR/TRS input, 3 band EQ with mid sweep, channel mute and PFL functions. The 4 stereo channels feature dual 6.35mm jack inputs, 3 band EQ, channel mute and PFL. The master section includes 2 Aux sends with stereo returns, separate control room and headphone level controls as well as main stereo bus out and an alternative stereo output. Rack mount kits are supplied standard with both.

The PM series console mixers offer a well featured, compact mixer with ultra low noise sonic performance.

Mono Channels Feature:

- Balanced XLR/6.35mm TRS input
- 6.35mm TRS insert point
- 48volt phantom power c/w LED indication
- Low cut filter
- Input gain trim
- 3 Band EQ with sweepable mids
- EQ bypass switch
- Pre and Post fader Aux sends
- Stereo Pan control
- Channel Mute
- 4 segment LED channel metering
- Channel PFL c/w LED indication

Stereo Channels Feature:

- Dual 6.35mm Jack inputs
- Input Gain trim
- 3 Band EQ
- EQ bypass switch
- Stereo Pan control
- Channel Mute
- 4 segment LED channel metering
- Channel PFL c/w LED indication
- Pre and Post fader Aux sends

Master Section Feature:

- Pre/Post Aux send level control
- Stereo Aux returns switchable to Stereo or Alternate bus outputs
- Tape in/Record out
- Stereo Control room outputs c/w level control
- Headphone output c/w level control
- Stereo 6.35mm Alternate jack outputs
- Alternate output fader
- Alternate output PFL c/w LED indication
- Balanced XLR/6.35mm jack Stereo bus outputs
- 2 x 10 segment L/R output LED indication
- L/R output faders



SPECIFICATIONS



MONO INPUTS

MIC INPUT	Electronically balanced, discrete input configuration	
DISTORTION (THD & N)	0.1% at +4 dBu, 1 kHz, Bandwidth 80 kHz	
MIC E.I.N (22 HZ - 22 KHZ)	-129.5 dBu, 150 Ohm source	-117.3 dBq, 150 Ohm source
	-132.0 dBu, input shorted	-122.0 dBq, input shorted
TRIM RANGE	MIC	41dB Variable (-50dB, -9dB)
	LINE	41dB Variable (-30dB, +11dB)
LINE INPUT	Electronically balanced	
BANDWIDTH	10 Hz to 60 kHz \pm 3 dB	
LINE LEVEL RANGE	+11 dBu to -30 dBu	
EQUALIZATION	HI SHELVING	12 kHz +/- 15 dB
	MID BELL	250Hz -6KHz +/- 15dB, Q fixed at 1 oct
	LO SHELVING	80 Hz +/- 15 dB
	LO CUT (HIGH PASS) FILTER	-3dB at 75Hz, 18dB / oct

STEREO INPUTS

LINE INPUT	Unbalanced
BANDWIDTH	10 Hz to 55 kHz \pm 3 dB
DISTORTION (THD & N)	0.01% at +4 dBu, 1 kHz, bandwidth 80 kHz

MASTER MIX SECTION

FREQUENCY RESPONSE	20Hz ~ 20kHz, +1/-2dB
MAX OUTPUT	+20 dBu balanced
AUX SEND MAX OUT	+20 dBu unbalanced
CONTROL ROOM OUT	+20 dBu unbalanced
SIGNAL-TO-NOISE RATIO	90 dBu, all channels at Unity Gain
CROSSTALK (AT 1 KHZ)	-70 dB between input channels; -70dB between input/output channels

POWER SUPPLY

MAINS VOLTAGES	USA/Canada	~ 115 V AC, 60 Hz
	U.K./Europe	~ 230 V AC, 50 Hz
	Australia/NZ	~ 230 V AC, 50 Hz

	PM12	PM16
SIZE (W X H X D)	335 x 88 x 435mm 13.2" x 3.5" x 17.2"	445 x 88 x 435mm 17.6" x 3.5" x 17.2"
NET WEIGHT	8.5kg 18.7lb	11.0kg 24.2lb
SHIPPING DIMENSIONS (W X H X D)	525 x 175 x 385mm 20.7" x 6.9" x 15.2"	525 x 175 x 385mm 20.7" x 6.9" x 15.2"
SHIPPING WEIGHT	10.5kg 23.1lb	13.0kg 28.6lb

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