

## Australian Monitor

# PM12 and PM16 Performance Mixing Consoles

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

The PM Mixers include four or eight XLR mic/line channels with insert point, XLR/TRS input, three band EQ with mid sweep, channel mute and PFL functions. The four stereo channels feature dual 6.35mm jack inputs, three band EQ, channel mute and PFL. The master section includes two 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 Australian Monitor PM Series Performance Mixing Consoles 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	
<b>PM12</b>	4 BAL Mic INS	
<b>PM16</b>	8 BAL Mic INS	
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 $\pm$ -15 dB
	Mid bell	250Hz -6KHz $\pm$ -15dB, Q fixed at 1 oct
	Lo Shelving	80 Hz $\pm$ -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. $\pm$ 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
Size (W X H X D)	<b>PM12</b>	<b>PM16</b>
	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	11.0kg
	18.7lb	24.2lb
Shipping Dimensions (H x W x D)	525 x 175 x 385mm	525 x 175 x 385 mm
	20.7" x 6.9" x 15.2"	20.7" x 6.9" x 15.2"
Shipping Weight	10.5kg	13.0kg
	23.1lb	28.6lb



ENGINEERED BY AUSTRALIAN MONITOR

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