

# Australian Monitor

## MX81

### Installation Mixer

The Australian Monitor MX81 mixer brings a range of new features to the Australian Monitor standard 1 RU mixer range. The mixer features the new Australian Monitor Standard (AMS) input section which has an XLR input switchable between mic and line level, dual RCA line inputs, signal present LED indication, individually switchable phantom power, treble and bass controls and +/- 15dB of gain trim available per input. The MX81 also boasts whisper quiet operation, four segment output level indication and balanced line output, record output and headphone output. The MX81 has 6xAMS and 2xXLR inputs to one output and will operate via mains power or via a 24V DC power supply via an external twenty four volt power supply. Optional remote VCA volume control, tone generators and muting boards are also available for the MX81.

The Australian Monitor MX81 mixer is extremely versatile and represents excellent value for money.



## Features

- 8 input mono mixer
- XLR input switchable between mic and line level
- +/- 15dB gain trim control per input
- Input 1 is switchable to be pre/post master
- 24VDC or mains power operation
- Optional remote VCA/Tone generator/ Muting boards available
- Whisper quiet operation
- Dual colour signal present indication LED per input

# Specifications

The Mixer shall be standard 1 RU in height and shall operate via mains power or via twenty four volt DC supply. The unit shall feature eight XLR inputs switchable between standard mic/line level and dual RCA line level inputs for input channels one-six. Each channel input shall have individual treble and bass controls as well as signal present LED indication and +/- 15dB gain trim and phantom power switching. The unit shall feature four separate LED output indication, balanced XLR output, separate record output and headphone output. Optional tone generator boards, muting modules and remote VCA master volume controls are available.

The unit shall be an Australian Monitor MX81.



## MX81

Frequency Response		20Hz - 20kHz (+0,-3dB)
Total Harmonic Distortion		< 0.1% @ 1kHz
Signal To Noise Ratio		> 90dB (all pots at centre position)
Crosstalk Between channels		>70dB
Tone Controls	Bass at 100Hz Treble at 10kHz	+/- 12dB +/- 12dB
Sensitivity (Trim in centre 0dB)		Mic Sens 4.36mV, -45dBu Line Sens 0.775V, 0dBu, Imp >100ohm RCA 200mV, -12dBu, Imp 30kohm
Max Level in		XLR mic -15dBu line +30dBu RCA >30dBu
Max Level out		+21dBu
Phantom Power		15V DC
Outputs	Master Out Mono Headphone Out Mono Rec Out	Nominal Level 0dBu into 1kohm Imp 100ohm Nom -6dB into 200ohm Imp 10ohm Nom -12dB into 10kohm Imp 10kohm
Power Input		AC: 230V/50Hz or 115V/60Hz, 3 pin IEC320-C14 connector; DC: 24 Volts via 2.1mmx5.5mm DC socket
Power Consumption (max)		7 VA
Fuses	Mains (115V) Mains (230V)	120mA 63mA
Dimensions (H x W x D)		44 x 482 x 182mm (1.75" x 19" x 7.2")
Shipping Dimensions (H x W x D)		90 x 505 x 270mm (3.5" x 19.9" x 10.6")
Weight	Net Shipping	2.75kg (6.1lb) 3.75kg (8.3lb)