

# Australian Monitor Installation Series



## MX61 Mixer

### At a Glance

- > 6 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

### A More Thorough Examination...

The Australian Monitor Installation Series MX61 mixer brings a range of new features to the AMIS standard 1 RU mixer range. The MX61 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, and +/- 15dB of gain trim available per input. The MX61 also boasts whisper quiet operation, 4 segment output level indication and balanced line output, record output and headphone outputs.

The MX61 has 6 AMS inputs to one output and will operate via 110 or 220-240 VAC or 24VDC via an external 24 volt power supply. Optional remote VCA volume control, tone generators and muting boards are also available for the MX61.

The MX61 mixer is extremely versatile and represents excellent value for money.

## Architecture & Engineering Specifications

The Mixer shall be standard 1 rack unit in height and shall operate via mains power or via 24 volt DC supply. The unit shall feature 6 XLR inputs switchable between standard mic/line level and dual RCA line level inputs. Each channel input shall have signal present LED indication and +/- 15dB gain trim and phantom power switching. The unit shall feature 4 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 must be available.

The unit shall be an Australian Monitor Installation Series MX61.



<b>FREQUENCY RESPONSE</b>	20Hz - 20kHz (+0, -3dB)	<b>POWER CONSUMPTION (MAX)</b>	7 VA
<b>TOTAL HARMONIC DISTORTION</b>	< 0.1% @ 1kHz	<b>FUSES</b>	
<b>SIGNAL TO NOISE RATIO</b>	> 90dB (all pots at centre position)	MAINS (115V)	120mA
<b>CROSSTALK</b>	>70dB	MAINS (230V)	63mA
<b>TONE CONTROLS</b>		<b>DIMENSIONS H x W x D</b>	44mm x 482mm x 182mm (1.75"x19"x7.2")
BASS @ 100HZ	+/- 12dB	<b>SHIPPING DIMENSIONS H x W x D</b>	90mm x 505mm x 270mm (3.5"x19.9"x10.6")
MID @ 1.6KHZ	+/- 12dB	<b>WEIGHT</b>	
TREBLE @ 10KHZ	+/- 12dB	NET	2.75kg (6.1lb)
<b>SENSITIVITY</b>	Mic Sens 4.36mV, -45dBu Imp 1k3ohm (Trim in centre 0dB) Line Sens 0.775V, 0dBu Imp >100ohm RCA 200mV, -12dBu Imp 30kohm	SHIPPING	3.75kg (8.3lb)
<b>MAX LEVEL IN</b>	XLR mic -15dBu line +30dBu RCA >30dBu		
<b>MAX LEVEL OUT</b>	+21dBu		
<b>PHANTOM POWER</b>	15V DC		
<b>OUTPUTS</b>			
<b>MASTER OUT</b>	Nominal Level 0dBu into 1kohm Imp 100ohm		
<b>MONO HEADPHONE OUT</b>	Nom -6dB into 200ohm Imp 10ohm		
<b>MONO REC OUT</b>	Nom -12dB into 10kohm Imp 10kohm		
<b>POWER INPUT</b>	AC: 230V/50Hz or 115V/60Hz, 3 pin IEC320-C14 connector; DC: 24 Volts via 2.1mmx5.5mm DC socket		

## Accessories.

**AM Mute1** - This module allows for single stage priority mutting in the MX mixer range

**AM Tone1** - This module provides simple 4 tone generation for the MX series mixers. Tones available are alert, evac, pre-announce, and bell.

**AM VCA** - This module allows for a remote master volume control to be used with the MX series mixers

**AM Mute3** - This module allows for 3 stage priority mutting to occur in the MX series mixers. This also allows for threshold and ducking time adjustments.

**AM Tone** - This module allows for high quality pre-announce, bell, alert, evac, tones, to be generated on board the MX series mixers.