

Australian Monitor Installation Series



MX61 Mixer

At a Glance

- > 6 input mono mixer
- > XLR input switchable between mic & 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 & line level, dual RCA line inputs, signal present LED indication, individually switchable phantom power, & +/- 15dB of gain trim available per input. The MX61 also boasts whisper quiet operation, 4 segment output level indication & balanced line output, record output & headphone outputs.

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

The MX61 mixer is extremely versatile & 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.

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

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.