

6 Channel 1RU MIXER



- 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
- Whisper quiet operation
- Dual color signal present indication LED per input

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.

OPTIONS (not included)

AMMUTE1 Single Stage Priority Mute Module

- Allows for muting of channels 2 and higher when signal is present at channel 1 and the channel volume is turned up

AMMUTE3 Triple Stage Priority Mute Module

- Allows for muting of channels 2 and higher when signal is present at channel 1
- Allows for muting of channels 3 and higher when signal is present at channel 2
- Allows for muting of channels 4 and higher when signal is present at channel 3
- Ability to adjust threshold of the trigger signal along with the the release time of the ducked signal

AMVCA Remote Master Volume Control

- Enables the end user to utilize a localized volume control
- Remote volume control is pre the mixers front panel master volume and thus can be set up to give a limited volume range to the end user
- Supplied with RC1 remote volume control as a complete kit ready for installation

AMTONE1 Tone Module

- Generates four tones: Evacuation, Alert, Bell and Pre Announce Chime

SPECIFICATIONS

FREQUENCY RESPONSE

20Hz - 20kHz (+0,-3dB)

TOTAL HARMONIC DISTORTION

>0.1% @ 1kHz

SIGNAL TO NOISE RATIO

> 90dB (all pots at center)

CROSSTALK

>70dB

tone CONTROLS

BASS @ 100HZ +/- 12dB

MID @ 1.6KHZ +/- 12dB

TREBLE @ 10KHZ +/- 12dB

SENSITIVITY

Mic Sens 4.36mV, -45dBu

Imp 1k 3 Ohm (Trim center- 0dB)

Line Sens 0.775V, 0dBu

Imp >100k

RCA 200mV, -12dBu

Imp 30k Ohm

MAX LEVEL IN

XLR mic -15dBu line

+30dBu

RCA >30dBu

MAX LEVEL OUT

+21dBu

PHANTOM POWER

15V DC

MASTER OUT

Nominal Level 0dBu

into 1k Ohm Imp 100 Ohm

MONO HEADPHONE OUT

Nom -6dB into 200 Ohm

Imp 10 Ohm

MONO REC OUT

Nom -12dB into 10k Ohm

Imp 10k Ohm

POWER INPUT

AC: 115V/60Hz, 3 pin IEC,

DC: 24 Volts

POWER CONSUMPTION (MAX)

7VA

FUSES

MAINS (115V) 120mA

DIMENSIONS H x W x D

1.75"x19"x7.2"

WEIGHT

NET 6.1lb

SHIPPING 8.3lb

MX61



Architectural and 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 witching. 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.

ABOUT

Australian Monitor Corporate Headquarters is located in Sydney, Australia. The organization has more than 20 years experience in the design and manufacture of audio amplifiers and associated products. They are a dynamic corporation, priding themselves on excellent customer service, better features and lower priced products for Sound Contractors and Audio Visual Integrators worldwide.

