AUSTRALIAN MONITOR

8 Channel 1 RU MIXER

- 8 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 MX81 mixer brings a range of new features to the AMIS standard 1 RU mixer range. The MX81 mixer features the new Australian Monitor Standard (AMS) input section which has an XLR input switchable between mic & line level, dual RCA line inputs (on the first 6 inputs only), signal present LED indication, individually switchable phantom power, & +/- 15dB of gain trim & treble & bass controls available per input. The MX81 also boasts whisper quiet operation, 4 segment output level indication & balanced line output, record output & headphone outputs. The MX81 has 6xAMS and 2xXLR 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 MX81. The MX81 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)
DISTORTION
　> 0.1% @ 1kHz THD
SIGNAL TO NOISE RATIO
　> 90dB (all pots at center)
CROSSTALK
　>70dB
TONE CONTROLS
　BASS @ 100HZ +/- 12dB
　TREBLE @ 10KHZ +/- 12dB
SENSITIVITY
　Mic Sens 4.36mV, -45dBu (Trim in center 0dB)
　　Imp 1k3ohm
　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 10kohm Imp 10k Ohm
POWER INPUT
　AC: 115V/60Hz, 3 pin IEC320-C14
　DC: 24 Volts
POWER CONSUMPTION
　7 VA (max)
FUSES
　MAINS (115V) 120mA
DIMENSIONS H x W x D
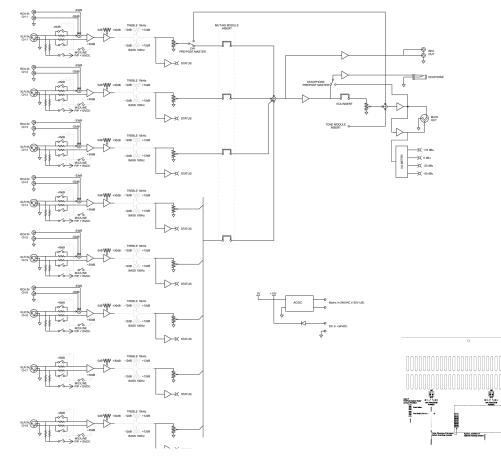　1.75"x19"x7.2"
WEIGHT
　NET 6.1lb

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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 8 XLR inputs switchable between standard mic/line level and dual RCA line level inputs for input channels 1-6. Each channel input shall have individual treble and base controls as well as 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 MX81.

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.