

Australian Monitor Installation Series



MX883

AT A GLANCE

- > 2RU
- > 8 mic/line XLR/stereo RCA inputs with LED indication
- > Stereo output
- > Auxiliary bus
- > 5 band constant Q graphic EQ on L/R bus
- > Direct TRS output per input
- > +/-15dB gain trim per input
- > Link bus
- > Low noise/high performance

A MORE THOROUGH EXAMINATION

The MX883 is the latest MX mixer addition and is the most versatile and fully featured mixer in the MX mixer family. The MX883 is a 2RU stereo mixer that features 8 stereo RCA or mono XLR balanced inputs. Each input offers individually switchable phantom power, +/-15dB of gain trim, balanced XLR switchable between mic and line level, stereo RCA in. It also has line level direct outputs which can be used to feed additional amplifiers, mixers or recording devices, dual colour status LED indication, treble and bass controls and individual left, right and aux assign switching with LED indication. The MX883 also features a link bus, allowing two MX883's to be linked to form a 16 channel stereo mixer.

Designed to be a high performance stereo mixer with a separate auxiliary output bus for added flexibility, the left and right bus outputs feature 5 band constant Q graphic EQ and all outputs have 4 stage LED level indication. The MX883 also has a pre/post master switchable headphone output. The MX883 is equally at home in a commercial installation or in the demanding environment of live performance.

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The mixer shall be 2RU and have 8 stereo RCA or mono XLR mic/line inputs, each with direct output and treble and bass equalisation. It shall have stereo outputs with Auxiliary output, 5 band constant Q graphic for Stereo outputs, front panel output assign, gain trim and LED indication per input. Each output shall have 4 segment LED indication, link bus and the option for VCA master volume control. The mixer shall have priority muting and pre announce, bell, alert and evac tones via optional insert cards. The mixer shall be an Australian Monitor MX883.



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 @ 100HZ TREBLE @ 10KHZ	+/- 12dB +/- 9dB
SENSITIVITY (TRIM IN CENTRE 0dB)		Mic Sens 4.36mV, -45dBu Imp 1k3ohm Line Sens 0.775V, 0dBu Imp >100k RCA 200mV, -12dBu Imp 30kohm
MAX LEVEL IN		XLR mic -9dBu XLR line >30dBu RCA >30dBu
MAX LEVEL OUT		+21dBu
PHANTOM POWER		15V DC
OUTPUTS	MASTER OUT	Nominal Level 0dBu into 1kohm Imp 100ohm
	STEREO HEADPHONE OUT	Nom -6dBu into 200ohm Imp 10ohm
	STEREO REC OUT	Nom -12dBu into 10kohm Imp 10kohm
	CHANNEL DIRECT OUT	Nom 0dBu into 1kohm Imp 100ohm
POWER INPUT		AC: 230V/50Hz or 115V/60Hz, 3 pin IEC320-C14 connector
POWER CONSUMPTION (MAX)		30 VA
FUSES	MAINS (115V) MAINS (230V)	200mA 100mA
DIMENSIONS H X W X D		88mm x 482mm x 270mm (3.5" x 19" x 10.6")
SHIPPING DIMENSIONS		170mm x 505mm x 350mm (6.7" x 19.9" x 13.8")
WEIGHT		Net 4.0kg (8.8lb) Shipping 4.5kg (9.9lb)

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