

Preamplifier mixer

MAIN FEATURES

- Low-distortion mic pre-amp with high dynamic range
- Flexible input connector plugs
- Priority switches on MIC/LINE mono inputs
- Output left/right channels with independent volume control



DESCRIPTION

The M 12X4 is a mixer preamplifier with 12 inputs and 4 outputs. The inputs consist of 4 mic/line inputs with Combo type Neutrik connectors. These include XLR balanced micro inputs with 1 mV sensitivity and stereo jack inputs for balanced line inputs with 0.775V sensitivity. The micro inputs can be given priority over all the other inputs, and the first micro input has priority over the remaining three. In addition to the volume control, the micro inputs feature a "voice" control and the ability to activate a 24V phantom power supply. The mixer also features 4 stereo line inputs on double RCA connectors for music sources, activated by a dedicated selector with volume and tone controls. Outputs include two XLR type outputs for the right and left channels with independent volume controls and a mono/stereo selection function. Additionally, there are two stereo outputs, one of which is for recording.

TECHNICAL SPECIFICATIONS

GENERAL

Code		18147
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MONO CHANNEL MIC

Impedance	Ohm	2.2k
MAX input signal	dBu	0
MAX gain (@main out)	dB	65
Equiv. input noise (from 22Hz to 22kHz not weighted)		-118
CMMR (@main out, gain 75dB)	dB	-65

MONO CHANNEL LINE

Impedance	Ohm	33k
MAX input signal	dBu	30
MAX gain (@main out)	dB	25

MONO CHANNEL EQ.

Voice	Ohm	± 12
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STEREO CHANNEL LINE

Impedance	Ohm	22
MAX input signal	dBu	10
MAX gain (@main out)	dB	10

STEREO CHANNEL EQ.

High (@12kHz)	dB	± 15
Low (@80kHz)	dB	± 15

GENERAL OUT.

Impedance	Ohm	600k
MAX out (main out)	dBu	22
Distortion + noise (@16dBu main out, 40dB gain)	%	0.025
Signal/noise ratio 20dB	dB	96
Frequency response (@0/1dB)	Hz	20 - 20k

GENERAL OUT.

Net weight	kg	2.40
	lb	5.29

DIMENSIONAL DRAWING

