

PRODUCT OVERVIEW

The MX41 is designed to mix the signals from four microphones and one of two music sources into two independently controlled zone outputs.

Each of the four microphone inputs is balanced on XLR's and has a volume control and individual phantom power switching. Microphone inputs one and two have priority over the other two inputs and the music source. The depth and threshold of the voice-over action is set via front panel screwdriver controls.

Two music sources may be connected via rear panel phono sockets and selected by front panel push switches. The level of the music source is controlled by a front panel volume control.

The MX41 also incorporates a two-band equaliser on front panel screwdriver controls. Main and auxiliary outputs are balanced on XLR's with separate level controls and an LED bargraph output level meter. A separate record output on Phono's provides a pre-fade record facility.

The operation of the MX41 has been kept simple for use by non pro-audio users in a variety of applications such as restaurants, shops, clubs and churches.

SPECIFICATIONS

ELECTRICAL

Frequency response:	20Hz to 20kHz \pm 0.5dB
Input Impedance:	
-Mic Input:	5k (balanced)
-Music input:	10k (unbalanced)
Output Impedance:	
-Main Outputs:	100R (balanced)
Recommended load:	> 600R
Record Output:	5k
Input Level:	
-Mic (nom.):	-60 to -20dBu
-Music (nom.):	-10dBv
Output Level:	
-Main Outputs:	+20dBu Max, +4dBu Nom
-Record Output:	-6dBu
THD:	< 0.05%, -20dB In, +4dB Out, 1kHz
Signal to Noise Ratio:	>80dB, +4dB out
Equivalent Input Noise:	-127dBu, 150R load
Voice-Over Parameters:	
-Depth:	0 to 20dB
-Threshold:	-40 to 20dB
Equaliser:	
-LF:	\pm 15dB, 100Hz
-HF:	\pm 15dB, 10kHz
Power Requirement:	6VA, 115/230VAC, 50/60Hz

PHYSICAL

Connectors:	
-Mic/Line:	XLR (Pin 2 hot)
-Main Outputs:	XLR (Pin 2 hot)
-Record Output:	Phono (RCA)
Power Connection:	Detachable lead, IEC 3 pin socket
Dimensions (mm):	483 (19") W 140 (5.3") D 44.5 (1.75") H
Weight:	2.6kg, 6lbs
Shipping Weight:	3.4kg, 7.6lbs
Temperature Range:	
-Operating:	0°C to 50°C
-Storage:	-30°C to 75°C

The logo for the MX41 mixer, featuring the letters 'MX41' in a stylized, bold font with a vertical bar to the right.

4 Microphone, 2 Source, Mono Mixer



British
Originals

ARCHITECTS & ENGINEERS SPECIFICATIONS

The mixer shall be a 1U rack-mounting unit offering four channels of microphone pre-amplification and two selectable music source inputs mixed into two separate outputs.

Each microphone input shall provide a volume control and switchable phantom power. Inputs one and two shall have priority over the signals on inputs three and four and the music source. The control over ducking depth and threshold shall be via front panel presets.

Two music source inputs shall be provided and selected by front panel switches with a volume control.

A two band equaliser shall be provided on front panel presets and there shall be two output level controls for a main and auxiliary output with a four segment LED output meter. There shall be a separate record output provided pre output level control.

Inputs and main outputs shall be balanced on XLR connectors. Music source inputs and record outputs shall be unbalanced on Phono sockets.

The unit shall be designed and constructed in accordance with the directives encompassed within the 'CE' regulations and so marked.

The mixer shall be an LA Audio MX41.

In keeping with our policy of continuous improvement LA Audio reserves the right to alter specifications without prior notice.

Manufactured in the UK by LA Audio, 6-24 Southgate Road, London, N1 3JJ.

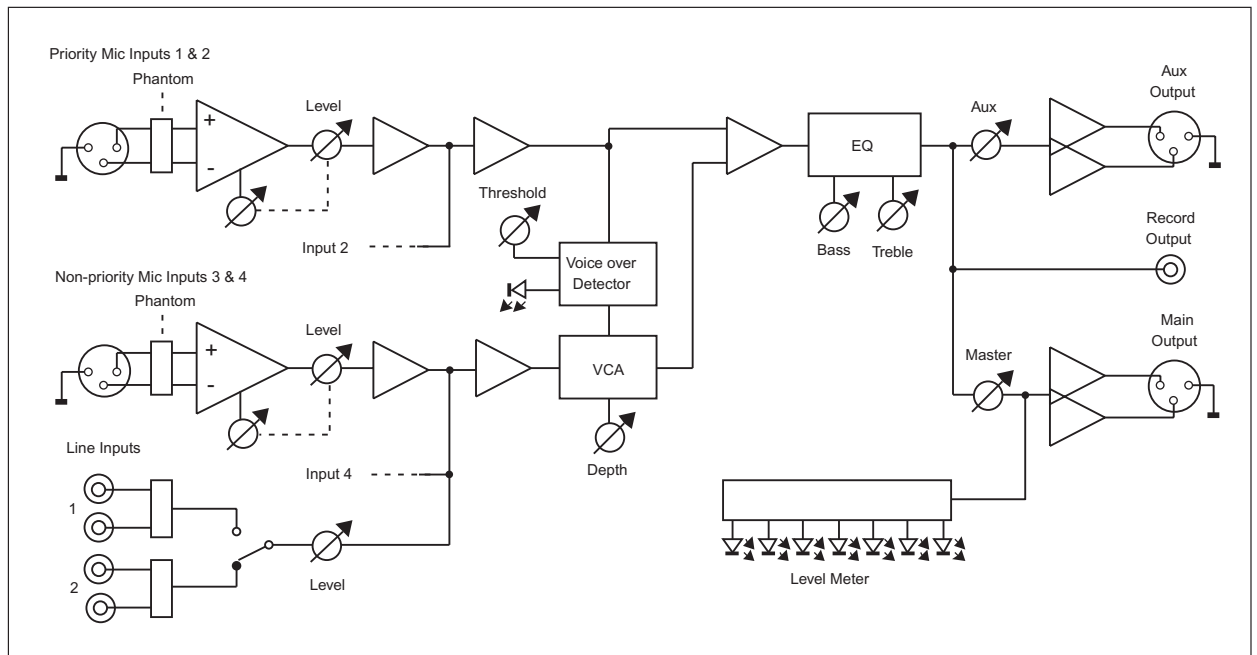
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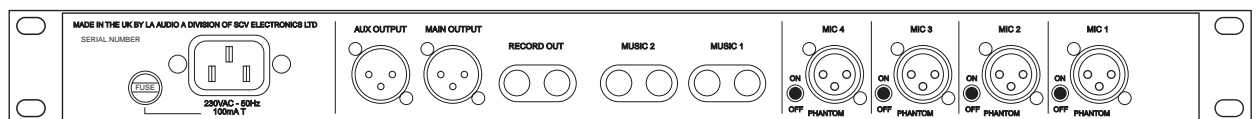
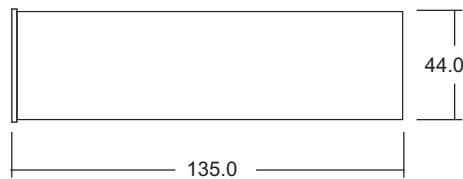
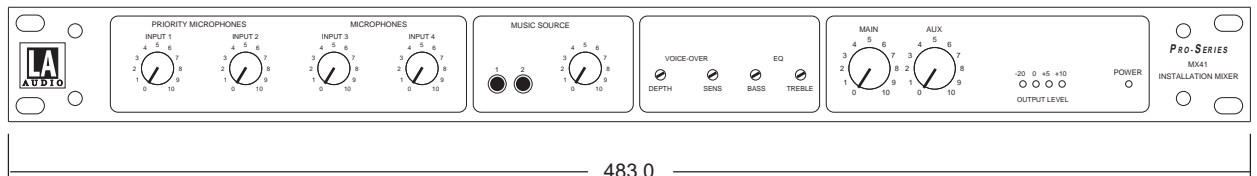
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BLOCK DIAGRAM



DIMENSIONS



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