

CLOCKAUDIO

SPECIFICATIONS

INPUT IMPEDANCE	10k Ω
OUTPUT IMPEDANCE	
BALANCED	50 Ω
UNBALANCED	600 Ω
PRE-AMP OUT	600 Ω
MAX INPUT LEVEL	
GAIN >25 dB	-24 dBV
GAIN <25 dB	+16 dBV
MAX OUTPUT LEVEL	+16 dBV
NOMINAL OUTPUT LEVEL AT 0 dBV ON METER	
PRE-AMP OUT	-10 dBV
BALANCED	-60 dBV to +16 dBV (Level set on front panel)
UNBALANCED	-16 dB of Level set on front panel
OUTPUT GAIN CONTROL	0 to -40 dB
MAXIMUM GAIN	90 dB
FREQUENCY RESPONSE	10Hz to 22kHz
THD+N	-70 dB
MAX NOMA ATTENUATION	20 dB
PHANTOM POWER	+12V
POWER SUPPLY	115/230V AC (Switchable), 50/60 Hz
OPERATING TEMPERATURE	0° to 40°C
DIMENSIONS	W483mm x D215mm x H44mm
WEIGHT	2.2kg approx

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MR66 AUTOMATIC MICROPHONE MIXER



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As part of a continuous product improvement programme, we reserve the right to alter specifications without prior notice.

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MR66 AUTOMATIC MICROPHONE MIXER

The MR66 microprocessor controlled automatic microphone mixer has been carefully designed to give outstanding performance and maximum features with simplicity of set up and use. Six input channels, fully adjustable between mic and line levels, can be set to the left, right or both output channels. Active input channels are automatically detected. Each input channel can be set to a multi-level priority system. This allows "one at a time operation", "all channels active" or combinations with chairman and officer priorities. When no one is talking, a constant ambient sound can be maintained through the system by setting the last microphone

selected to automatically remain on. Mixers may be chained together to make a large multi-source system with priority and NOMA information extending throughout.

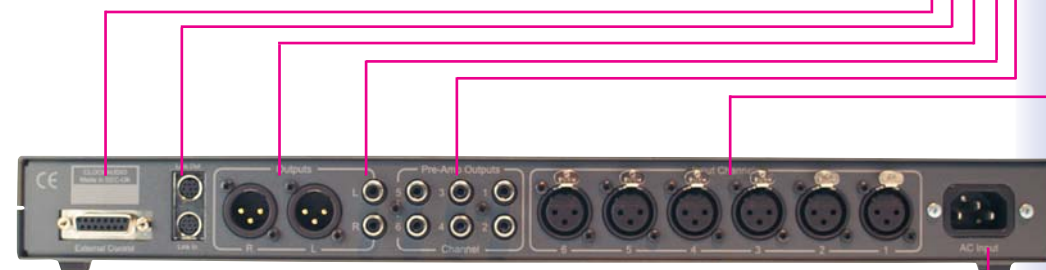
FEATURES

- Simple daisy-chain set up for multiple microphones
- Easy set up with LCD display of all functions and settings - No need to open the case
- Fast, silent automatic microphone selection
- 6 Channel mic/line inputs on XLR connectors
- Recorder outputs for each input channel
- 2 Channel mic/line outputs on XLR connectors and RCA phono
- Output level LED meter
- Channel LEDs indicate active or locked out channels
- Multi-level channel priority system
- Easy use with mono or stereo inputs
- Stereo or dual mono outputs
- Adjustable limiters on each input prevent channel overload
- Adjustable 'off' attenuation of each input channel
- 12V phantom power individually selectable for each channel
- Select NOMA operation on/off
- Remote VCA control
- Monitor headphone output with adjustable level
- External TTL control and monitoring of channel selection
- 1U case size, rack-mounting
- Security mode

The input level control and priority system of this mixer makes it uniquely versatile for many diverse applications. The MR66 mixer is ideal for places of worship, courtroom proceedings, meetings, seminars, and general A/V applications. It could easily be set up with two prioritised stereo sources and two voice-over microphones for use in pubs and clubs.

What is the MR66?

The MR66 is a microprocessor controlled, automatic switching, 6-channel microphone mixer. The six microphone/line inputs are XLRF-type balanced, with selectable +12V DC phantom power on pins 2 and 3 for microphones. The mixer has a non-inverting, XLRM-type balanced output, and individual un-mixed, pre-amp outputs for external recording devices etc. Each channel has selectable priority settings, plus the last active microphone stays on, so that ambient sound is never muted. When more than 6 microphones are required, the MR66 also has the ability to be daisy chained with other MR66 mixers via a cable link (available separately), to give a multi-mixer system.



The MR66 uses a microprocessor control and provides full set up and control of the mixer, via a user-friendly LCD interface on the front panel. This allows mixer settings to be selected and adjusted without the need to remove the case. All settings are retained, even if the mixer is disconnected from the main power supply. To prevent the mixer settings being accidentally altered or to 'tamper proof' the settings, the mixer can be easily 'locked' with a three digit adjustable security code.

MR66 REAR PANEL

External Control Connector. Provides access to the open-collector outputs, the external control inputs, and the VCA connection.

Link In/Out. Used for daisy chaining of multiple MR66 mixers when more than 6 input channels are required.

Balanced Outputs. XLRM-type connectors. Level can be set to mic-level or line-levels between -60dBV and +16dBV from the front panel.

RCA Outputs. Unbalanced outputs. (-10dB to the level set for the balanced outputs.)

Pre-Amp Outputs. Independent, unbalanced -10dBV outputs from the input channel pre-amps for connection to recording equipment. (e.g. tape recorders.)

Source Inputs. XLRF-type connectors. Balanced inputs for low impedance dynamic or condenser mics, line inputs and audio equipment (CD players etc). Input level adjustable over full range from front panel. Can also supply 12V phantom power when selected from front panel.

Power Input. 120V/230V AC 50/60Hz. Input voltage select switch on underside of mixer.