

# M-9000M2

PREAMPLIFIER

The M-9000M2 Pre-Amplifier is designed to be used in conjunction with optional modules and can be configured for up to 8 inputs and 8 outputs. 9000 series modules as well as existing 900 series input modules can be used. The most appropriate modules can be selected depending on applications. It is equipped with signal processing and control functions necessary for sound reinforcement, permitting all parameters to be set at the mixer. Settings data can be stored inside the unit and called up using the keys on the front panel.

---



Article number:M-9000M2 CE

---

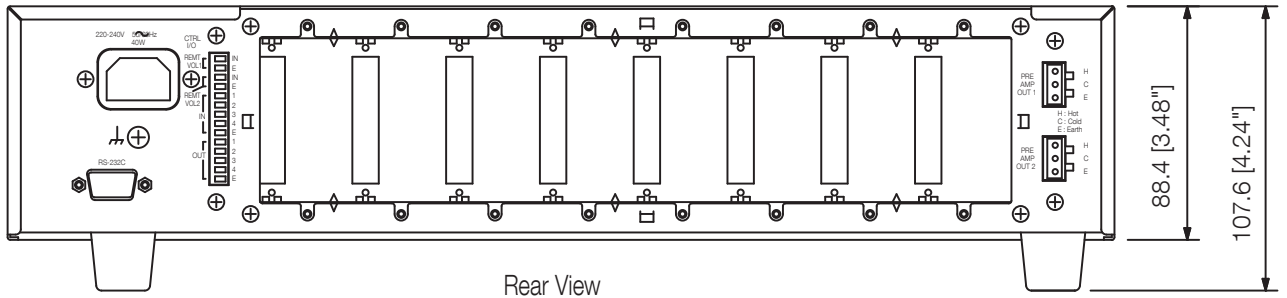
## Specifications

Control keys, buttons and knobs	Input channel selection, volume control and on/off switch; output channel selection, volume control and on/off switch; memory/utility button with parameter knob; enter/back button; up/down/left/right buttons; power
Indicator	Alpha-numeric (scene name, parameter value ...), communication, fault, 12x 3-colour bargraph for input and output levels/fader set, channel on
Power source.	220 - 240 V AC, 50 / 60 Hz
Power source.	220 - 240 V AC, 50 / 60 Hz
Frequency response.	20 Hz - 20 kHz (+1 / -3 dB)
Frequency response.	20 Hz - 20 kHz (+1 / -3 dB)
Power / current consumption	40 W
Distortion.	< 0.008 %
Power / current consumption	40 W
S/N ratio.	90 dB(A)
Indicator	Alpha-numeric (scene name, parameter value ...), communication, fault, 12x 3-colour bargraph for input and output levels/fader set, channel on
Crosstalk	64 dB or more (at 20 kHz)
Inputs	Audio input: Max. 8 channels, modular (modules optional) Control input: 4 inputs, no-voltage make contact input, open voltage: 3.3V DC, short-circuit current: 1mA or less, removable terminal block (14 pins)
Outputs	Audio output: Preamp outputs 1 and 2: 0 dBV, 600 Ω, balanced, removable terminal blocks (3-pins), max. 8 outputs Control output: 4 outputs, open collector output, withstand voltage: 27V DC, control current: 50mA, removable terminal block (14 pins)
A/D, D/A Converter	24 bit $\Delta\Sigma$ DAC
Control keys, buttons and knobs	Input channel selection, volume control and on/off switch; output channel selection, volume control and on/off switch; memory/utility button with parameter knob; enter/back button; up/down/left/right buttons; power
Distortion.	< 0.008 %
Equalizer / Filter	Tone control (bass, treble: $\pm 12$ dB), 10 parametric equalizers ( $\pm 12$ dB, 20-20000 Hz, Q: 0,3 ... 5), 10 speaker equalizer presets (30 with software), high & low pass (12 dB/oct, 20-20000 Hz each)
Compressor	5 presets (optimised for different applications)
Delay	0 ... 40 ms
Matrix	8 x 8
Other features	32 scenes (storable settings); key lock
PC software	inclusive
Finish.	Aluminium, black,
Operating humidity.	35 % to 80 % RH (no condensation)
Operating temperature.	-10 °C to +40 °C

# M-9000M2

PREAMPLIFIER

Appearance



Model	C3	CE	CE-AU	CE-GB
AC plug	