

# SONIFEX

RB-MA2G

Dual Microphone Amplifier Gain Controls

# Catalogue





## RB-MA2G Dual Microphone Amplifier Gain Controls



**Category:** Microphone Amplifiers & Limiters.

**Product Function:** Amplification of two mic level signals to line level.

**Typical Applications:** To amplify additional microphones in a studio

talks area, court room microphone amplification, converting a mic to a line signal where mic and amp are a long distance apart.

**Features:**

- Front panel level adjustment.
- Front panel bright LED metering.
- Neutrik XLR connectors.
- Coarse mic input gain adjustment.
- +48V phantom power.
- High pass (rumble) filter.

The RB-MA2G consists of two independent low-noise microphone pre-amplifiers with front panel level controls and metering, for converting microphone level signals to line level, or for driving long lines from microphones to mixing equipment.

All connections are on the rear panel. The microphone input is XLR-3 type and is electronically balanced. The input gain can be adjusted individually by a recessed pre-set potentiometer. A front panel potentiometer gives  $\pm 12$ dB level adjustment and a 12 segment LED meter shows the audio level for each channel. The XLR-3 line output is electronically balanced and can be wired unbalanced by grounding the non-phase signal, allowing you to feed both balanced and unbalanced equipment.

For each channel there are independent switches to control a high pass filter (LF roll-off at 125Hz) and to provide phantom power at +48V to the connected microphone. An LED power indicator on the front panel displays the power supply connection.

### Specification For RB-MA2G

Audio Specifications	
Maximum Input Level:	+4dBu
Maximum Output Level:	+28dBu
Input Impedance:	2k $\Omega$ nominal balanced
Output Impedance:	<50 $\Omega$ Balanced
Low Frequency Roll-Off:	125Hz @ 6dB/octave
Gain Range:	Adjustable 12dB to 80dB gain
E.I.N.:	-128dBu, 20kHz BW, max gain, Rs=200 $\Omega$
Distortion:	<0.01%, +8dBu, 20Hz – 20kHz, 40dB gain, 20kHz bandwidth
Common Mode Rejection:	>66dB @ 1kHz
Phantom Power:	48V
Frequency Response:	20Hz to 20kHz +0/-0.1dB
Connections	
Input:	2 x XLR 3 pin female (Balanced)
Output:	2 x XLR 3 pin male (Balanced, can be unbalanced)
Mains Input:	Filtered IEC, 110V-120V, or 220-240V switchable, fused, 9W maximum
Fuse Rating:	Anti-surge fuse 100mA 20 x 5mm (230VAC) Anti-surge fuse 250mA 20 x 5mm (115VAC)
Equipment Type	
RB-MA2G:	Dual microphone amplifier with gain
Physical Specifications	
Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H) (1U)
Dimensions (Boxed):	58.5cm (W) x 22.5cm (D) x 7cm (H) 23" (W) x 8.9" (D) x 2.8" (H)
Weight:	Nett: 1.35kg Gross: 2.0kg Nett: 3.0lbs Gross: 4.4lbs



# **SONIFEX**

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