

RB-MA2 Dual Microphone Amplifier

The RB-MA2 consists of two independent low-noise microphone pre-amplifiers for converting mic level signals to line level, or for driving long lines from microphones to mixing equipment.

All connections and controls are on the rear panel. The microphone inputs are XLR-3 type and are electronically balanced. The input gain for each input can be adjusted individually by a recessed pre-set potentiometer which allows for the use of both dynamic and powered microphones.

The XLR-3 line outputs are electronically balanced and can be wired unbalanced by grounding the non-phase signal, allowing

“ All the Redboxes are screw mountable as standard and are either rack-mounted or have the option to be rack-mounted. ”

you to feed both balanced and unbalanced equipment.

For each channel there are independent switches to control a high pass filter (low frequency roll-off at 125Hz) and to provide phantom power at +48V to the connected microphones.



Audio Specification For RB-MA2

Maximum Input Level:	-10dBu
Maximum Output Level:	+28dBu
Low Frequency Roll-Off:	125Hz @ 6dB/octave
E.I.N.:	130dB
Common Mode Rejection:	>60dB typically
Frequency Response:	20Hz to 20kHz ± 0.1 dB (600 Ω load, ref 1kHz)
Input Impedance:	2k Ω nominal balanced
Output Impedance:	<50 Ω
Gain Range:	Adjustable 36dB to 75dB gain (each input)
Distortion:	0.01% THD @ 1kHz, ref +8dBu output
Phantom Power:	48V

Connections

Inputs:	2 x XLR 3 pin female (Balanced)
Outputs:	2 x XLR 3 pin male (Balanced, can be unbalanced)
Mains Input:	Filtered IEC, switchable 110-120V, or 220-240V, fused, 6W max

Equipment Type

RB-MA2: Dual microphone amplifier

Physical Specification

Weight:	Nett: 1.0kg Gross: 1.45kg
Dimensions (Raw):	28cm (W) x 10.8cm (D) x 4.2cm (H)
(Boxed):	36cm (W) x 20.5cm (D) x 6cm (H)