

RB-HD1 Stereo Headphone Amplifier

The RB-HD1 is a 1U rack-mount stereo headphone amplifier for driving up to two pairs of professional stereo headphones from a single stereo or mono input. One headphone socket is on the front panel with one on the rear.

The main stereo input uses electronically balanced XLR-3 connectors on the rear panel, which can be wired un-balanced. The output volume for the headphones can be controlled either by a pot situated on the front panel or a VCA signal supplied externally via the remote connector.

A mono input can be mixed into the main headphone feed, for example, for mixing in talkback to the headphones. This has an input level control via a recessed adjustable potentiometer. The mono mix input can also be controlled remotely.

A stereo/mono switch is recessed on the rear panel to prevent accidental knocking. With mono selected, audio is sent to both left and right ear pieces. A LED power indicator on the front panel displays the power supply connection.

Audio Specification For RB-HD1

Input Impedance:	>20k Ω balanced bridging (main)
Output Level:	Drives 150mW into 32 Ω to 600 Ω headphones
Mono Mix Input Gain Range:	22dBu
Max Input Level:	+28dBu
Volume Control:	-80dB to +11dB gain
Connections	
Main Stereo Inputs:	2 x XLR 3 pin female (balanced, can be unbalanced)
Mono Mix Input:	1 x XLR 3 pin female (balanced, can be unbalanced)

Outputs:	2 x 1/4" (6.35mm) A/B-gauge 3-pole stereo jack sockets
Remote Control:	9-pin D-type socket
Main Input:	Filtered IEC, switchable 110-120V, or 220-240V, fused, 9W max
Equipment Type	
RB-HD1:	Stereo headphone amplifier
Physical Specification	
Weight:	Nett: 1.35kg Gross: 2.0kg
Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H)(1U)
Dimensions (Boxed):	53cm (W) x 20.5cm (D) x 6cm (H)



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