



## Operating Manual A 4414 1 In to 4 Out Audio Distributor

### Overview

The Redback® A 4414 compact half rack distributor comprises of a single 3 pin balanced XLR input to four 3 pin balanced XLR outputs. Great for splitting a single audio source out to multiple zones without interference between channels. The inputs can be DIP switch configured individually for either mic or line level operation. 12VDC phantom power is available on the input connector.

A “loop” output 3 pin XLR socket is provided to connect additional units to increase the total number of outputs as required. The loop output is a nominal line level output of around 1V, and as such when cascading multiple units, the input sensitivity of the next unit must be set to the (1V) line level setting (see DIP1 switch settings).

The front panel includes individual volume controls and tamper proof, screw driver adjust, treble and bass controls for each input channel. The unit is powered by the supplied 24V DC power supply.

### DIP Switch Settings

The DIP switch settings are outlined below.

#### DIP 1

**Switch 1** - Sets the Input sensitivity to either line level or mic level. Off - 1V (nominal), ON - 1mV (nominal).

**Switch 2** - Enables phantom power (12V DC) to the input XLR connector.

#### DIP 2

**Switch 1** - Sets output 2 sensitivity to either mic or line level. ON - 3mV (nominal), OFF - 1V (nominal).

**Switch 2** - Sets output 1 sensitivity to either mic or line level. ON - 3mV (nominal), OFF - 1V (nominal).

#### DIP 3

**Switch 1** - Sets output 4 sensitivity to either mic or line level. ON - 3mV (nominal), OFF - 1V (nominal).

**Switch 2** - Sets output 3 sensitivity to either mic or line level. ON - 3mV (nominal), OFF - 1V (nominal).

#### DIP 4

**Switch 1** - Not used.

**Switch 2** - Not used.

**Specifications****INPUT CONNECTORS**

Input: ..... 3 pin XLR connector  
24V DC power: ..... 2.1mm DC Jack

**OUTPUT CONNECTORS**

Outputs: ..... 3 pin XLR connectors

**INPUT SENSITIVITY**

XLR input: ..... 1mV or 1V balanced

**OUTPUTS 1-4 SENSITIVITY**

XLR outputs: ..... 3mV or 1V balanced

**LOOP OUTPUT SENSITIVITY**

XLR output: ..... 1V balanced

**CONTROLS**

Outputs: ..... Volume

Bass: .....  $\pm 10\text{dB}$  @ 100Hz

Treble: .....  $\pm 10\text{dB}$  @ 10kHz

Power: ..... On/off switch

Indicators: ..... On

\* Specifications subject to change without notice.

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