

# SONIFEX

Redbox RB-DA6  
6 Way Stereo Distribution Amplifier

2014-15  
Catalogue





## RB-DA6 6 Way Stereo Distribution Amplifier

The RB-DA6 is a 1U rack-mount high performance 6 way stereo distribution amplifier for splitting a source into a number of different outputs.

The RB-DA6 has 1 stereo input and 6 stereo outputs. It can also be configured so that 1 mono input can be distributed to 12 outputs by use of a switch which is recessed on the front panel to prevent it being accidentally knocked.

The XLR-3 inputs and outputs are electronically balanced and can be wired unbalanced. Each output is individually buffered so that a short circuit on one output won't affect the others.

The left and right input gain controls (normalising) are pre-set potentiometers accessible through the front panel.

The output gain may be varied from -8dB to 18dB which is useful for normalising consumer and professional signals to give outputs of -15dBu and 0dBu respectively.



**Typical Applications:** Distribute line level signals to multiple reporters in a broadcast centre, distribute main programme output from a mixer to other studios.

**Features:** Input level adjustment, mono/stereo switch, Neutrik XLR audio connectors.

**Category:** Audio Distribution Amplifiers.  
**Product Function:** Audio distribution to multiple destinations.

### Specification For RB-DA6

Audio Specification	
Maximum Input Level:	+28dBu
Maximum Output Level:	+28dBu
Frequency Response:	20Hz to 20kHz ±0.1dB (600Ω load, ref 1kHz)
Gain Range:	Adjustable 8dB loss to 18dB gain (L & R adjust)
Common Mode Rejection:	>66dB typically
Input impedance:	>20kΩ bridging
Output impedance:	<50Ω
Distortion:	0.01% THD @ 1kHz, ref +8dBu output
Noise:	-100dB unity gain, ref +8dBu output

Connections	
Inputs:	2 x XLR 3 pin female (balanced, can be unbalanced)
Outputs:	12 x XLR 3 pin male (balanced, can be unbalanced)
Mains Input:	Filtered IEC, switchable 110-120V, or 220-240V, fused, 6W max
Fuse Rating:	Anti-surge fuse 100mA 20 x 5mm (230VAC) Anti-surge fuse 250mA 20 x 5mm (115VAC)
Equipment Type	
RB-DA6:	6 way stereo distribution amplifier
Physical Specification	
Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H) (1U) 19" (W) x 4.3" (D) x 1.7" (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: 1.3kg Gross: 1.9kg Nett: 2.9lbs Gross: 4.2lbs



# **SONIFEX**

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