



SONIFEX

Redbox RB-UL4

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www.sonifex.co.uk

t: +44 (0)1933 650 700

f: +44 (0)1933 650 726

sales@sonifex.co.uk

AUDIO INTERFACES

Redbox - Matching Converters

RB-UL4 Quad Stereo Unbalanced To Balanced Converter

The RB-UL4 is a 1U rack-mount quad stereo unit for interfacing domestic or semi-professional unbalanced equipment to professional balanced line levels.

All connections are on the rear panel. The eight RCA unbalanced inputs have an impedance of 10k Ω and are routed to eight

balanced XLR-3 outputs with an output impedance of <50 Ω .

The output gain can be individually adjusted for left and right channels by using pre-set potentiometers accessible through the rear panel.

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Audio Specification For RB-UL4

Maximum Input Level:	+28dBu
Maximum Output Level:	+28dBu
Input Impedance:	>10k Ω
Output Impedance:	<50 Ω
Distortion:	0.01% THD @ 1kHz, ref +8dBu output
Noise:	-100dB, unity gain, ref +8dBu output
Frequency Response:	20Hz to 20kHz \pm 0.1dB (600 Ω load, ref 1kHz)
Gain Range:	Balanced output : -15dBu to +15dBu, ref -15dBu into unbalanced RCA input

Connections

Inputs:	8 x RCA phono (Unbalanced)
Outputs:	8 x XLR 3 pin male (Balanced)
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-UL4:	Quad stereo unbalanced to balanced converter
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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):	53cm (W) x 20.5cm (D) x 6cm (H) 21" (W) x 8" (D) x 2.4" (H)
Weight:	Nett: 1.3kg Gross: 1.9kg Nett: 2.9lbs Gross: 4.2lbs



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61 Station Road
Irthlingborough
Northants NN9 5QE
United Kingdom

