



SONIFEX

Redbox RB-UL2

August 2008



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SONIFEX
Redbox

AUDIO INTERFACES

Redbox - Matching Converters

Audio Specification For RB-UL2

Maximum Input Level:	+28dBu
Input Impedance:	>10k Ω
Output Impedance:	<50 Ω
Maximum Output Level:	+28dBu
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:	4 x RCA phono (Unbalanced)
Outputs:	4 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-UL2:	Dual stereo unbalanced to balanced converter
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Physical Specification

Dimensions (Raw):	28cm (W) x 10.8cm (D) x 4.2cm (H) (1U) 11" (W) x 4.3" (D) x 1.7" (H) (1U)
Dimensions (Boxed):	36cm (W) x 20.5cm (D) x 6cm (H) 14.2" (W) x 8" (D) x 2.4" (H)
Weight:	Nett: 1.05kg Gross: 1.5kg Nett: 2.3lbs Gross: 3.3lbs

RB-UL2 Dual Stereo Unbalanced To Balanced Converter

The RB-UL2 is a dual stereo unit for interfacing domestic or semi-professional unbalanced equipment to professional balanced line levels.

All connections are on the rear panel. Four RCA unbalanced inputs have an impedance of 10k Ω and are routed to four 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, allowing you to feed both balanced and unbalanced equipment.

// Manufactured to the highest standards in our UK offices... the Redbox range of products are "fit and forget" because you can set them up, fit them in your installation and then forget about them - they won't trouble you. All the Redboxes are screw mountable as standard and are either rack-mounted or have the option to be rack-mounted. //



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