



SONIFEX  
Redbox

AUDIO INTERFACES

## Redbox - Matching Converters

### Audio Specification For RB-PLI6

Output Impedance:	<150
Distortion:	0.5% THD @ 40Hz, ref +17dBu output
Common Mode Rejection:	>64dB typically
Frequency Response:	10Hz to 36kHz $\pm$ 0.5dB

### Connections

Inputs:	6 x XLR 3 pin female (Balanced)
Outputs:	6 x XLR 3 pin male (Balanced)

### Equipment Type

RB-PLI6: 6 way mono passive line isolation unit

### Physical Specification

Dimensions (Raw):	48cm (W) x 10.8cm (D) x 4.2cm (H) (1U)
Dimensions (Boxed):	53cm (W) x 20.5cm (D) x 6cm (H)
Weight:	Nett: 1.5kg Gross: 1.9kg Nett: 3.3lbs Gross: 4.2lbs

### RB-PLI6 6 Way Mono Passive Line Isolation Unit

The RB-PLI6 passive line isolation unit is used to isolate audio signals from inter-area ground hum loops, which could be caused by equipment being powered by different mains power supplies or phases on the same supply.

The input and output are connected together through a transformer, and the unit has internal jumpers allowing the inputs and/or outputs to be balanced about ground. The unit requires no mains power for operation.

This unit is useful where audio is required to be driven over a relatively long length

of cable. By isolating the signal using transformers, ground loop currents which can be present in non-isolated signals, are eradicated completely.

*// 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. //*



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