

SONIFEX

Redbox RB-LC3
3 Way Light/Power Controller

2014-15
Catalogue





RB-LC3 3 Way Light/Power Controller



Typical Applications: Controlling radio studio On-Air, Mic-Live and Telephone signal lamps.

Features:

- GPI to control switching of 3 IEC outlets.
- Telephony input for 'Call Ringing' displays.
- Flash rate control.

Category: Power Controllers.

Product Function: To switch mains power to 3 x IEC outlets for mains voltage signal lamps.

The RB-LC3 is a triple output switching unit for controlling external mains indicators, primarily studio status lights for broadcasting applications, such as On-Air, Mic-Live and Rehearsal/Live lights.

Each output can be individually controlled by one of three remote inputs (pulled high,

or low), by a telephony input (when ringing, or off-hook, or both), or a combination of two inputs (to control two outputs, e.g. for Rehearsal/Live situations). The type of control is set using the 12 way DIP switch (4 switches for each output, allowing 16 different settings).

All connections are on the rear panel. The three IEC outputs are controlled by zero-cross point drivers. When an output is activated, the A.C. voltage level at that output will be equal to the mains input voltage used to power the unit.

External control of the switched mains outputs is via the 15 way D-type plug connector.

The telephone line input and handset output are via two RJ11-4 type connectors. The telephone connections are wired pin to pin from line to handset except when the remote 'Ring Mute' control input is asserted. In this case the ring signal to the handset is muted.

The status of the telephone line is continually monitored so that handset

ringing and off-hook conditions can be indicated.

A pre-set potentiometer on the rear panel controls the flash rate of the output when the appropriate mode is selected. Neon indicators on each power socket show the status of the mains output.

Specification For RB-LC3

Audio Specification

Connections

Mains Input:	Non-filtered IEC, 110V-240V auto-adjusting, fused, 6W maximum
Mains Outputs:	3 x Non-filtered IEC plugs, 1A fused
Fuse Rating (Mains Outputs):	3 x Anti-surge fuse 1A 20 x 5mm
Telephone:	2 x RJ11-4 sockets
Control Inputs & Outputs:	15 way D-type plug Inputs: 0V- 5V DC Outputs: Open collector 20mA sink capability

Equipment Type

RB-LC3: 3 way light/power controller

Physical Specification

Dimensions	28cm (W) x 10.8cm (D) x 4.2cm (H) (1U)
(Raw):	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: 1.00kg Gross: 1.45kg Nett: 2.2lbs Gross: 3.2lbs



SONIFEX

www.sonifex.co.uk

UK Office:

Sonifex Ltd

61 Station Road, Irthlingborough,

Northants, NN9 5QE, UK

Tel: +44 (0) 1933 650700

Fax: +44 (0) 1933 650726

Email: sales@sonifex.co.uk

Australian Office:

Sonifex Pty Ltd

Unit 12/6 Leighton Place, Hornsby,

New South Wales 2077, Australia

Tel: +61 (2) 9987 0499

Fax: +61 (2) 9476 4950

Email: sales@innescorp.com.au