

## LOCAL LCD CONTROL PANEL REPEATERS

### Features

- Up to 15 annunciators can be connected to each DS-PC2 panel
- Response or DS-PC2 fire control panel.
- Large liquid crystal display (240 x 64 pixels)
- High brightness LED indications
- Internal sounder
- Replicates all DS-RPC2 controls
- Simple, two-wire serial connection
- Small enclosure
- Removable electronics for easy installation
- 24V DC or 230V AC power options
- Low power consumption
- Multi language options
- Connection monitored by DS-RPC2 fire control panel



### Description

The DS-RPC2 fire alarm repeater provides a cost effective, simple and convenient method of extending the controls and indications of the DS-RPC2 fire alarm control panel to other locations. The large, graphic LCD, brightness LED indicators and full set of controls duplicate the indications and controls on the DS-RPC2 fire alarm control panel at up to 15 additional locations via a (separate to the DS-RPC2 network) simple, two-wire serial data connection. Ideal for locations where a control and indication point smaller than a full fire alarm control panel is required, the Syncro View is available in either a 24V DC powered option (which can be powered via an additional 2 cores from the DS-RPC2 control panel auxiliary 24V DC supply) or a 230V powered option with local battery back up.

### Equipment

Description	PSU	Size(mm)
DS-RPC2 repeater panel	750mA	330 x 255 x 90

## Specification

Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colour - controls plate & labels	Ral 7047 light grey - satin
Weight	4kg (standard panel)
Display	8 lines of 40 characters graphic LCD
Cable entry	5 x 20mm knockouts in top of box and 5 in rear
Mains supply (Mains models only)	230V AC +10% - 15% (20 Watts maximum)
24V supply (24V DC models only)	21 to 30V DC
Mains supply fuse	2 Amp, 20mm
Power supply rating	28V 750mA total (including battery charging)
Maximum ripple current	200 millivolts
Battery type (Yuasa NP)	Two 12 Volt 1.9Ah sealed lead acid in series
Battery charge voltage	27.6VDC nominal
Battery charge current	200mA maximum
Battery fuse	200mA, 20mm, glass
Maximum current draw from batteries	95mA
Quiescent current of panel in mains fail	0.03 Amps
Serial data connection	2 core RS485 (Up to 1200 metres total cable length)
Maximum terminal capacity	2.5mm <sup>2</sup>

