Zerio Plus

Zerio Plus Radio Booster Panel

EDA-Z6000

EN54 Compliant

Extends the Radio Range of a System

Upto 7 Boosters per System

Plugable Memory Module for Back-up

Configuration Reporting via USB Memory Stick

Compatible with full range of Zerio Plus Panels

Simple to Set-up

Interfaces with Wired Transceiver

DESCRIPTION

For systems where the radio range of the control is not sufficient, by simply installing the EDA-Z6000 booster panel, the radio coverage of a building is increased. Upto a maximum of 7 boosters can be installed on a system, which are automatically configured, and relay information around the network.

The installer does not require expensive additional equipment to configure the complete system. The internal memory card is used to copy the main panel configuration to the booster panel.

Internal configuration and operating data can be downloaded on to a USB memory stick and then analysed on a PC. Configuration is also stored on a removable memory card for backup.

TECHNICAL INFORMATION

Indication for System Normal, Fault and Disabled
Built in power supply and charger for 12V
72 hr standby as standard (see over)
RS485 Data connection to operate with other EDA external wired units
Compact enclosure permitting siting in restricted spaces
Internal memory can be backed up to PC or proprietary memory card
Complies with all applicable requirements of BS5839 and EN54

ORDER CODES

EDA-Z6000 Radio Booster Panel

REF:Z5008V100.CDR April 2011

Electro Detectors

www.electrodetectors.co.uk

Electro House, Edinburgh Way,
Harlow, Essex, CM20 2EG, UK
Tel:01279 635668 Fax:01279 450185
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SPECIFICATION

Maximum Number of Devices (Devices include Detectors, Call Points, Transmitters Sounders and I/O units)	240
Max no of radio control / booster units (Includes all control, repeater and booster panels, wired transceiver)	7
Dimensions (mm) W x H x D	275 x 220 x 85mm
Weight (not including battery)	4Kg
Indicators	
Supply	Green LED to indicate mains present
Fault	Yellow LED to indicate fault on unit
Disabled	Yellow LED to indicate that the system is isolated or disabled Led operation may very in engineers test modes for diagnostic reporting
Supply: Mains :	230V 50Hz 0.3A max
Battery :	1x12V 7.0 Ah sealed lead acid giving 72 hour standby 1 x12V 3.0Ah sealed lead acid giving 48 hour standby (assumes no external load applied)

Battery Consumption

Mode	Current Drawn
Normal	60mA
Mains Fail	40mA
Alarm Condition	80mA
Fault Condition	40mA

Monitored Inputs	2 x wired monitored circuit (4k7 ohm end of line resistor monitored for open and short circuit, 470 ohm alarm load)
No of Relays (Programmable)	2
Options	Fire -1A Changeover Contacts Fault -1A Changeover Fail Safe Contacts 12V Sounder Circuit (0.5A)
Operating Frequency	868MHz
Modulation	NBFM
Output Power (ERP)	10mW
Operational Temperature	0°C to +60°C
Applicable Standards and Approvals:	
European Fire Alarm	EN54 Part 18 and 25
British Standards	BS 5839 Part 1:2008
R&TTE	EN300 220
EMC Standards	EN301 489-3 EN50130-4 EN60950:2001

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