

Zerio Plus

Radio Combined Sounder and Optical Smoke Detector with LED Beacon

EDA-R6030

- EN54 Part 25
- High Intensity LED Beacon
- Fully Addressable
- Selectable Sensitivity
- Up to 5 Year Battery Life
- Small Attractive Compact Design
- Automatic Drift Compensation
- Pre-Alarm Warning
- Head Dirty Warning
- Compatible with Zerio Plus Panels



DESCRIPTION

The combined sounder detector has been further refined to add a flashing beacon to the unit. Based on the successful Millennium and Zerio systems the new Zerio Plus device increases the flexibility of the system especially where designers are working with the requirements of the Disability Discrimination ACT (DDA).

Offering the advanced features of the Zerio Plus detector, the unit is housed in an attractive moulding and shares a common fixing and is interchangeable with the existing Zerio Plus detectors.

The combined detector contains a powerful processor and utilises surface mount technology to achieve the ultimate in performance and reliability. The sounder section utilises a high output sounder, switch mode power supply and a sensitive narrow band FM receiver. The LED beacon uses revolutionary technology to be able to deliver the power required to illuminate the very bright beacon.

The unit is fully programmable and is capable, as is the usual sounder detector, of being divided into 255 individually controlled areas.

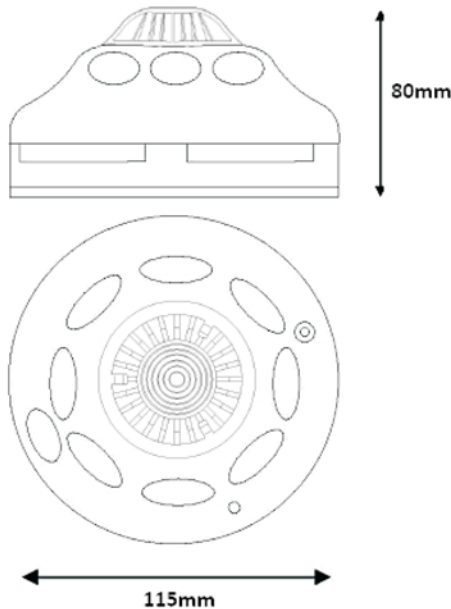
Fully configurable by radio, the combined detector stores a unique serial number and length of time in service in its non-volatile memory. The combined detector is designed to comply with all appropriate sections of EN54.

SPECIFICATION

Power source	2 x Dual lithium cells
Battery life	Up to 5 years
Battery Pack	2 x EDA-Q670
Detector type	Optical
Alarm Level	Programmable
Temperature range	0C to +60C
Humidity	0 to 95% (no condensation)
Audibility	90dB at 1m
Tones	16
Construction	
- Insect Screen	Stainless Steel Foil
- Casing	Injection Moulded U.V. Stabilised ABS Plastic
- Electronics	Surface Mount Technology
Options	Multiple Sensor Lockable Head Coloured Body

ORDER CODES

EDA-R6030	Radio Combined Sounder and Optical Smoke Detector with LED Beacon
EDA-Q670	Spare Battery Pack (2 required)
EDA-Q580	Device locking screw



TECHNICAL INFORMATION

Selectable sensitivity set by control panel
 Self calibration / drift compensation
 Adjustable alarm verification time interval
 Conforms to appropriate parts of BS5445, BS5839 and EN54
 Powered by 2 independent AA lithium cells
 Low current technology with a battery life of up to 5 years
 Surface mount technology giving maximum reliability
 Transmitter frequency 868 Mhz
 Transmission type Narrow Band FM
 Channels 13 Available
 Electronic serial number
 65000 system numbers
 Short transmission time
 Complex error checking
 Internal monitoring and fault diagnostic reporting
 Fault and alarm count
 Narrow gauge mesh to prevent ingress of foreign bodies
 Security locking screw (supplied separately)

GENERAL INFORMATION

Weight (Including Base)	250g (approx.)
Dimensions (Including Base)	
Height	80mm
Diameter	115mm
Indications	High intensity clear LED
Alarm	Red Solid
Fault	Red Flashing
Log-on Mode	Green Solid
Audible Warning	Sounds in alarm, device re-calibration and test mode
Fixing Holes	2 x 4mm (No. 6 screws) 50mm spacing
Terminal Capacity	2 x 1.5mm ²
Cable Entry	25 x 14 mm rear entry only
Finish	White Polished Colours optional

