

- EN54 Part 25
- Fully Addressable
- Selectable Alarm Level
- Rate of Rise or Fixed Point
- Up to 5 Year Battery Life
- Small Attractive Compact Design
- Available with LED Beacon
- Compatible with Zerio Plus Panels



#### DESCRIPTION

The EN54 combined sounder detector has been based on the successful Millennium and Zerio systems. The new Zerio Plus device has the usual features of the original device with increases in flexibility when operating with the Zerio Plus system.

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

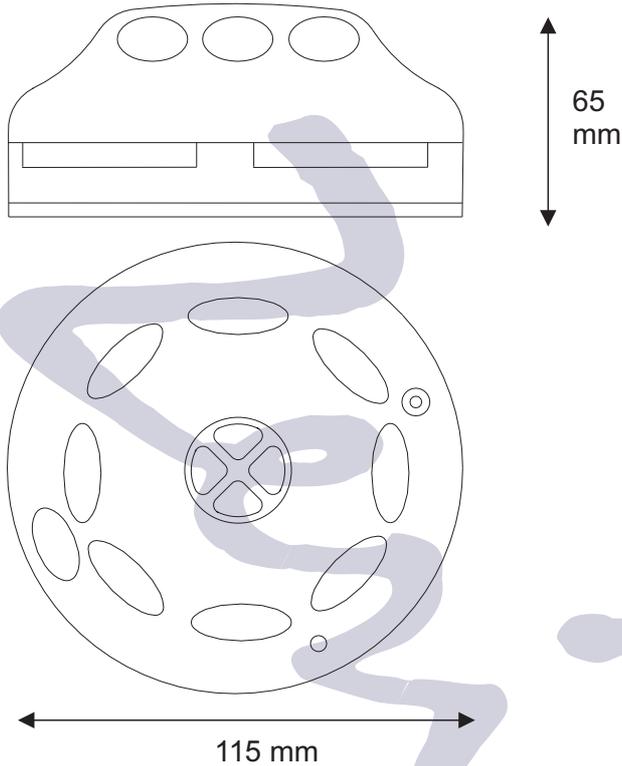
Fully configurable by radio, the combined detector stores a unique serial number and length of time in service in its non-volatile memory. With several available tones, which can be changed with a few button presses at the control panel, the system offers flexibility never seen on a wired system. The 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     | Rate of Rise<br>Fixed Point 50 to 99°C<br>Programmable at Panel |
| Alarm Level       | 0C to +60C  |
| Temperature range | Humidity<br>0 to 95%<br>(no condensation)                       |
| Humidity          | Audibility<br>90dB at 1m  |
| Audibility        | Tones<br>16   |
| Tones             | Construction  |
| Construction      | - Casing<br>Injection Moulded U.V.<br>Stabilised ABS Plastic    |
| - Casing          | - Electronics<br>Surface Mount Technology                       |
| - Electronics     | Options   |
| Options           | Lockable Head<br>Coloured Body                                  |

#### ORDER CODES

|           |  |
|-----------|--|
| EDA-D6000 | Radio Combined Sounder and Heat Detector                 |
| EDA-D6030 | Radio Combined Sounder and Heat Detector with LED Beacon |
| EDA-Q670  | Spare Battery Pack (2 required)                          |
| EDA-Q580  | Device locking screw (pack of 10)                        |

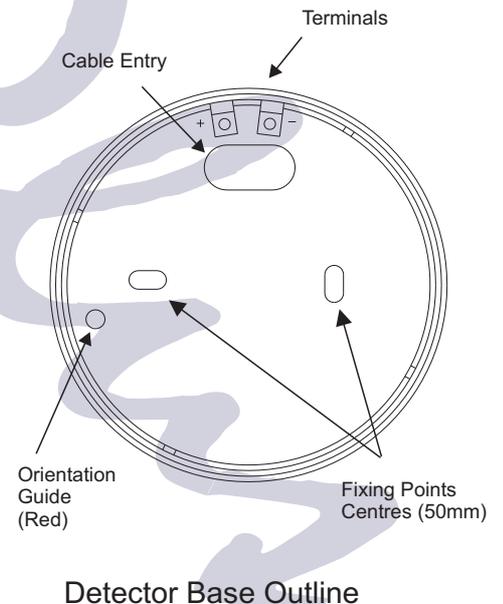


## TECHNICAL INFORMATION

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                      | 65mm   |
| 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 )<br>50mm spacing             |
| Terminal Capacity           | 2 x 1.5mm <sup>2</sup>                               |
| Cable Entry                 | 25 x 14 mm rear entry only                           |
| Finish                      | White Polished<br>Colours optional                   |



In the pursuance of a policy of continued product improvement Electro-Detectors Ltd. reserves the right to change the design and specification without prior notice. The quoted battery life is a theoretical calculation based on device performance under normal operating conditions in conjunction with the specification provided by the battery manufacturer. The figures provided are intended as a guide and therefore cannot be assumed to be a guarantee of the actual life achieved. All details were correct at time of printing.

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**Electro Detectors**

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