

## ZPW767R

ZP7 Series Wall Mount Weatherproof Sounder VAD (Red Body, Red Flash)

### General

The ZPW767R is a ZP7 series, ZP protocol addressable RED sounder with a built in visual alarm device (VAD), the latter approved for wall mount applications. The VAD features a clear lens with red LED element. The ZPW767 incorporates a switch setting allowing it to be assigned a unique address on a ZP fire panel loop.

With its durable design, high sound output and VAD designed for installation up to a height of 2.4m, the ZPW767 ensures reliability and is suitable for a variety of applications.

### Sounder & VAD Combinations

Installed directly onto and powered by the ZP wiring loop, the ZPW767 enables the system designer to offer a complete addressable system on a single pair of wires. Installation costs are greatly reduced, whilst system integrity, sounder options and programmed alarm organisation are significantly increased. Installation time costs are further reduced as the device connects directly into a first fix base.

The ZPW766 provides synchronised audible and visual warnings from a single, loop wired unit.

### Current Consumption & System Loads

High efficiency acoustic design and a low current VAD enables multiple ZPW767 devices to be connected to a fire panel loop. Depending on system requirements the ZPW767 may be set to use less power, both in sound as well as VAD output. The flash frequency may be set to 0.5 Hz (1 flash every 2 seconds) instead of 1 Hz (1 flash every second) in instances where consumption needs to be reduced. In systems where loop lengths or current requirements are excessive, the ZPW767 may be powered from an external, EN54:4 approved power supply that will automatically be supervised by the ZPW767.

### Sound Options

Continuous, intermittent and two-tone audible outputs are available from which any combination can be chosen to provide alert and evacuate, two stage alarms. All sound types comply with BS5839 Part 1 recommendations. The ZPW767 produces a sound output of up to 97 dBA.



### Standard Features

- Compatible with ZP addressable fire panels
- Connection layout with easy wiring and connection on installation
- Powered directly from the ZP loop for small installations, or externally when many units are required
- Fully addressable
- LED technology for long service life and low current consumption, maximising the number of devices on a loop
- Unique optics for light management with a lens design that optimises light dispersal, minimising power wastage
- Up to 7.5m coverage diameter, reducing the number of devices required to cover an area
- Coverage switch feature - for smaller areas switch down from 7.5m to 5m, reducing power consumption and saving up to 50%
- Flash rate switch feature, reducing the power consumption by up to 50%
- Soft start up for reduced current peak at start up, reducing circuit loading
- Locking base to prevent easy removal of device
- 8 Selectable tones with 4 selectable output levels
- EN54-3 and EN54-23 approved and CPR certified

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### Specifications

Mounting type	Wall
<b>Operating voltage</b>	
Loop powered (pulsed)	15.5 - 20.5V
Externally powered	18 - 28VDC
<b>Current consumption (max)</b>	
Loop powered	1Hz
- Quiescent	750µA
- Active (LP / HP)	38 / 74mA
Loop powered	0.5 Hz
- Quiescent	750µA
- Active (LP / HP)	26 / 42mA
Externally powered	
- Quiescent	600µA
- Active (LP / HP)	6 mA
<b>Current consumption (max)</b>	
- From AUX PSU	
Flash frequency	1Hz
- Quiescent	300µA
- Active (LP / HP)	23 / 43mA
Flash frequency	0.5 Hz
- Quiescent	300µA
- Active (LP / HP)	15 / 27mA
Devices per loop (max)*	< 25
Wiring	2 core loop
Monitoring	Open/short circuit, removal, device type, external power, sound output
Addressing method	7 way CIT (1of 127 addresses)
<b>Sounder</b>	
Output level (selectable)	88 to 97 dBA
Tone options	8
<b>Visual indicator</b>	
Light source	Red LED
Flash frequency (selectable)	0.5 or 1Hz
<b>Environmental</b>	
Application	Type A
IP rating	IP33C (certified) IP66 externally verified
Operating temperature	-10°C to +55°C
Storage temperature	-25°C to +70°C
RH range (noncondensing)	10 to 95%
<b>Physical</b>	
Dimensions (l x w x h)	93 x 133 x 96mm
Weight	375g
Material	ABS FR / (Lens - Polycarbonate)
Body colour	Red / Clear lens
<b>Certification</b>	
EN54:3	Yes
EN54:23	W-2.4-7.5

\* 1km loop of 1.5mm<sup>2</sup> cable and depending on loop configuration, device setting and power selection

### Ordering Information

Part No.	Description
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