

## ZP755WV-2R

ZP7 series Addressable Weatherproof Sounder with Visual Indicator, RED

### General

The ZP755WV-2R is an addressable, weatherproof sounder/ beacon, designed for use on ZP addressable fire detection and alarm systems. The device is developed for outdoor applications.

Installed directly onto and powered by the ZP wiring loop, the ZP755 range enables the system designer to offer a complete ZP 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.

### High efficiency, low energy design

High efficiency acoustic design, low energy sound gun transducer and low current Light Emitting Diode (LED) visual element, enables up to 24 sounder beacons to be connected to a one kilometre loop of 1.5mm<sup>2</sup> cable, with a wiring run of 50 metres to the first device.

In systems where loop lengths or current requirements are excessive, ZP755WV-2R sounder beacons can be powered directly from an external power supply.

### Range of sound outputs

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 most local codes (for example BS 5839 Part 1 recommended frequencies in the UK). The ZP755WV-2R produces a sound output of 90 dB(A) @ 1 m. A volume control is included for areas where a reduced sound output is required. Moulded in high impact red thermoplastic, the sounder beacon features a red lens.



### Standard Features

- Weatherproof
- Sounder with visual indicator in a single unit
- 90dBA Sound output
- Low current LED based visual element
- High efficiency sound gun transducer
- Up to 30 devices powered directly from loop wiring
- EN54:3 Approved and CPD certified

# ZP755WV-2R

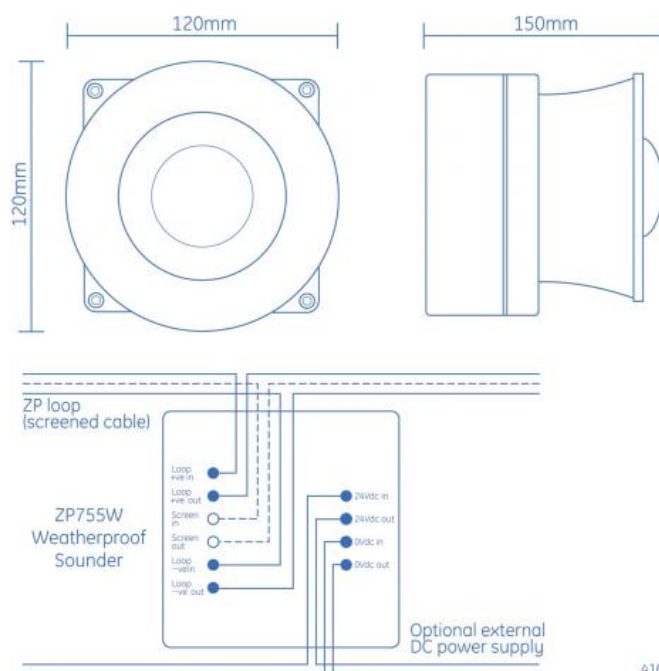
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### Specifications

Compatibility	All ZP7 addressable systems
Mounting	Surface mount with plug in base - SPB-2P (White)
Operating voltage	
Loop powered	19.5 - 20.5V
Externally powered	18 - 30VDC
Loop current	
Quiescent (when loop powered)	820µA
Active (when loop powered)	9.6mA
Quiescent (when externally powered)	470µA
Active (when externally powered)	500µA
Devices per loop (max)	30 (1km loop of 1.5mm <sup>2</sup> cable, 50 m to first device)
Wiring	2 core loop
Monitoring	Open/short circuit, sound output, removal, device type
Addressing method	7 way dipswitch
Sounder	
Sound output (tone dependant)	90 dB(A) @ 1 m
Sound types	User configurable
Visual indicator	
Light source	Red LED array
Light output	1J
Flash frequency	0.8 Hz
Environmental	
Application	Outdoor
IP rating	IP33C
Operating temperature	-25°C to 70°C
Storage temperature	-25°C to 70°C
RH range (noncondensing)	10 to 95%
Physical	
Dimensions (dia x h)	120 x 150mm
Weight	300g
Material	Moulded thermoplastic
Colour	Red
EMC	CPR certified

### Ordering Information

Part No.	Description
ZP755WV-2R	ZP7 series Addressable Weatherproof Sounder with Visual Indicator, RED



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