ZP755R-2

Addressable room sounder

Ideal for residential installations

The ZP755R is an addressable, sounder, designed for use on ZP3 analogue addressable fire detection and alarm systems. Developed for applications in individual rooms, sleeping accommodation or small compartments where it is impractical or unnecessary for the sounder and sensor to be combined. Installed directly onto the ZP wiring loop - the ZP755R enables the system designer to offer a complete ZP3 analogue 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. Time on site is further reduced as the moulding plugs directly into a first fix base – eliminating the need for any internal connections

Advanced acoustic design

High efficiency acoustic design and a low energy, sound gun transducer, enable combinations of up to 100 sensors and 100 sounders to be connected to a one kilometre loop of 1.5 mm2 cable.
In systems where loop lengths or current requirements are excessive, ZP755 sounders can be powered directly from an external power supply.

Microphone output test

The ZP755 range features a unique self test facility - automatically activated during routine sounder testing. A built in microphone circuit measures sound output level and automatically signals the sounder address and location to the control panel, should the output test fail. Continuous, intermittent and two-tone outputs are available, from which any combination can be chosen to provide alert and evacuate, two stage alarms. Sound types comply with most international codes (e.g. BS 5839 Part 1 recommended frequencies).
The ZP755R features a sound output of 90 dBA and a volume control for areas where a reduced sound output is required.
Moulded in high impact thermoplastic, the sounder is available in either red or white.
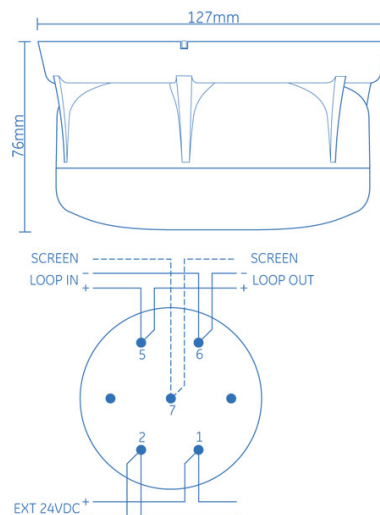
Standard Features

- Powered directly from the ZP loop
- Up to 100 sensor and 100 sounders directly on the loop wiring
- Plug in base – no internal connections
- High efficiency sound gun transducer
- Wide range of international sound types and frequencies

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Specifications

Model No	ZP755R-2W (white), ZP755R-2R (red)
Specification	EN54 Part 3
Description	Addressable room sounder
Compatibility	All ZP3 systems, note - sound options may vary for ZP5 and ZP3 systems with early software versions.
Mounting	Surface with plug in base - SPB-2W (white) or SPB-2R (Red)
Wiring	2 core loop
Monitoring	Open and short circuit fault, sound level - self test facility
Sound output	90 dBA (at 1m)
Sound types	Continuous - 980 Hz, intermittent - 980 Hz 0.5 secs on/off, dual tone - 980/670 Hz 0.5 secs each. See installation sheet for full international tone range
Operating voltage	Loop 19.5 - 20.5V, external supply 18 - 30 Vdc
Current	500uA quiescent, 6mA active
Max number	100 per 1km loop (1.5mm² cable, 50m to first device)
Application	Indoor installation
EN60529 rating	IP50
Temperature range	-10ºC to 55ºC
Humidity range (at 40ºC)	10% to 95% RH (non condensing)
EMC	CPD compliant
Material	Moulded thermoplastic
Dimensions	127mm (Dia) x 76mm (D)
Colour	White or Red
Weight	266g (including base)
Publication No	PS1771

Ordering Information

Part No.	Description
ZP755R-2	Addressable room sounder