



ZP755HAV-2P

ZP7 Series Addressable Sounder with Visual Indicator (POLAR WHITE)

General

The ZP755HAV-2P is a POLAR WHITE, ZP7 Series addressable sounder with visual indicator for use with Ziton addressable fire detection systems. Disability legislation increasingly requires visual alarm signals to be employed to ensure equal response from people with hearing impairment. ZP755HAV-2 devices are perfectly suited for this application and any application involving high levels of background noise. It provides both audible and visual warnings from a single, addressable, loop wired unit.

The ZP755HAV-2 minimises the number of installation points required throughout a building, significantly lowering the capital value of equipment and the loop wiring costs of the completed system. Installation time and costs are further reduced as the device plugs directly into a first fix base eliminating the need for any internal connections.

Self test facility

High efficiency acoustic design and a low current LED visual element enables up to 20 sounder beacons to be connected to a 1 km loop of 1.5mm² cable with a wiring run of 50 m to the first device. The range features a unique self test facility - automatically activated during routine sounder testing. A built in microphone circuit measures sound output and automatically signals the sounder address and location to the control panel, should the output test fail.

In systems where loop lengths or current requirements are excessive, the ZP755HAV-2 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 BS5839 Part 1 recommended frequencies.

The ZP755HAV-2 produces a sound output of 102 dBA. A volume control is included for areas where a reduced sound output is required.

Moulded in high impact thermoplastic, the sounder beacon is available in either red with red lens, or white with clear lens, both illuminating red.



Standard Features

- Powered directly from the ZP loop
- Up to 20 devices directly on the loop wiring
- Low current LED based visual element
- High efficiency sound gun transducer
- Plug in base – no direct wiring connections
- EN54:3 Approved and CPR certified

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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)	20 (1km loop of 1.5mm ² 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)
Sound types	User configurable
Visual indicator	
Light source	Red LED array
Light output	1J
Flash frequency	0.8 Hz
Environmental	
Application	Indoor
IP rating	IP21C
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C
RH range (noncondensing)	10 to 95%
Physical	
Dimensions (dia x h)	127 x 113mm
Weight	305g
Material	Moulded thermoplastic
Colour	Polar White
EMC	CPR certified

Ordering Information

Part No.	Description
ZP755HAV-2P	ZP7 Series Addressable Sounder with Visual Indicator (POLAR WHITE)
SPB-2P	Pluggable Base for ZP7 Series Notification Devices - POLAR WHITE

