

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

- Cost effective compliance with disability legislation
- 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 internal connections
- Minimises installation points



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Specifications

Model No	ZP755HAV-2P (polar white)
Specification	EN54 Part 3 (sounder element)
Description	Addressable sounder with visual indicator
Compatibility	All ZP2 and ZP3 systems Note: Sound options may vary for ZP5 and ZP3 systems with early software versions.
Mounting	Surface - with plug in base - SPB-2P (polar white)
Wiring	2 core loop
Monitoring	Open and short circuit fault, sound level - self test facility
Sound output	102 dBA (at 1m)
Sound types	Tone 1 - continuous 980 Hz Tone 2 - intermittent 980 Hz (0.5 secs on/off) Tone 3 - two tone warble 980 Hz/670 Hz
Light output	Equivalent to 1J xenon element
Frequency	Flash rate 1.3 seconds
Operating voltage	Loop 19.5 - 20.5 VDC, External 24 VDC (nominal)
Current	820microA quiescent, 9.6 mA active
Max number	20 per 1km loop, (1.5mm ² cable, 50m to the first device)
Application	Indoor installation
EN60529 rating	IP50
Operating temperature	-10°C to 60°C
Humidity range (at 40oC)	10% to 95% RH (non condensing)
EMC	CPD compliant
Material	Moulded thermoplastic
Dimensions (dia x h)	127mm x 112mm
Colour	Polar White
Weight	369g (including base)

Ordering Information

Part No.	Description
ZP755HAV-2P	ZP7 Series Addressable Sounder with Visual Indicator (POLAR WHITE)
SPB-2P	Pluggable Base for ZP755 Series Notification Devices - POLAR WHITE

