

ZP755HAV-2

Addressable sounder beacon

Single, addressable, loopwired unit

Disability legislation increasingly requires visual alarm signals to be employed to ensure equal response from people with hearing impairment. The ZP755HAV-2 is perfectly suited for this application and indeed any involving high levels of background noise. It provides both audible and visual warnings from a single, addressable, loop wired unit. Featuring an identical profile to the ZP755 HA-2 horn sounder, the ZP755HAV-2 can minimise the number of installation points required throughout a building, significantly lowering both the capital value of equipment and the loop wiring costs of the completed system. Installation time and costs are further reduced as the moulding plugs directly into a first fix base – eliminating the need for any internal connections

Self test facility

High efficiency acoustic design and low current Light Emitting Diode (LED) visual element, enables up to 25 sounder beacons to be connected to a one kilometer loop of 1.5mm² cable, with a wiring run of 50 metres 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, ZP755HAV-2 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 BS 5839 Part 1 recommended frequencies.

The ZP755 HAV-2 produces a sound output of 102 dBA, measured at 1 metre. 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 25 sounder beacons 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-2R (red), ZP755HAV-2W (white)
Specification	EN54 Part 3 (sounder element)
Description	Addressable sounder beacon
Compatibility	ZP3 systems, note - sound options may vary for ZP5 and ZP3 systems with early software versions.
Mounting	Surface - with plug in base - SPB-2R (red), SPB-2W (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 - 20.5Vdc, External 24 Vdc (nominal)
Current	600uA quiescent, 11 mA active
Max number	25 per 1km loop, (1.5mm ² cable, 50m to the first device)
Application	Indoor installation
EN60529 rating	IP50
Operating temperature	-10°C to 55°C
Humidity range (at 40oC)	10% to 95% RH (non condensing)
EMC	CPD compliant
Material	Moulded thermoplastic
Dimensions	127mm (Dia) x 112mm (D)
Colour	Red or white
Weight	369g (including base)
Publication No	PS1781

Ordering Information

Part No.	Description
ZP755HAV-2	Addressable sounder beacon

