



PS1670.1

Across the world disability legislation increasingly requires visual alarm signals to be employed to ensure equal response from people with hearing impairment. The ZP755HAV 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 horn sounder, the ZP755HAV 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.

Installed directly onto and powered by the ZP wiring loop - ZP755 HAV enables the system designer to offer a complete ZP3 analogue addressable system on a single pair of wires.

The units high efficiency acoustic design, low energy sound gun transducer and low current Light Emitting Diode (LED) visual element, enables combinations of up to 100 sensors and 40 sounder beacons to be connected to a one kilometer loop of 1.5mm<sup>2</sup> cable.

With a low current consumptions the, the ZP755 HA sounder and ZP755HAV sounder/beacon can be used in any combined application provided the maximum loop loading is not exceeded.

In systems where loop lengths or current requirements are excessive, ZP755HAV sounder beacons can be powered directly from an external power supply. All ZP755 units incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

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 and flash rates comply with BS 5839 Part 1 recommended frequencies.

The ZP755 HAV produces a sound output of 102 dBA, tested 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 or white, both featuring red beacon lenses.



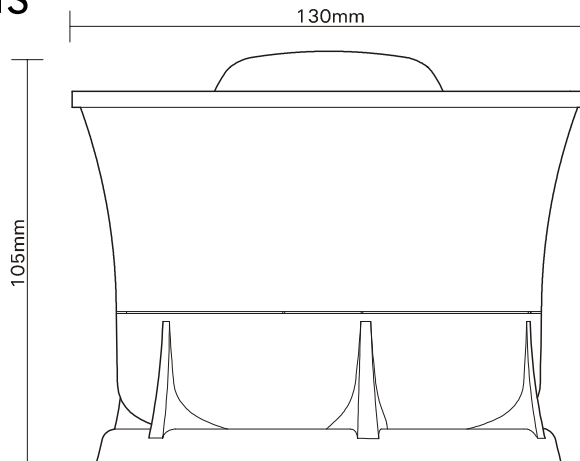
## ZP755HAV

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### Addressable Sounder Beacon

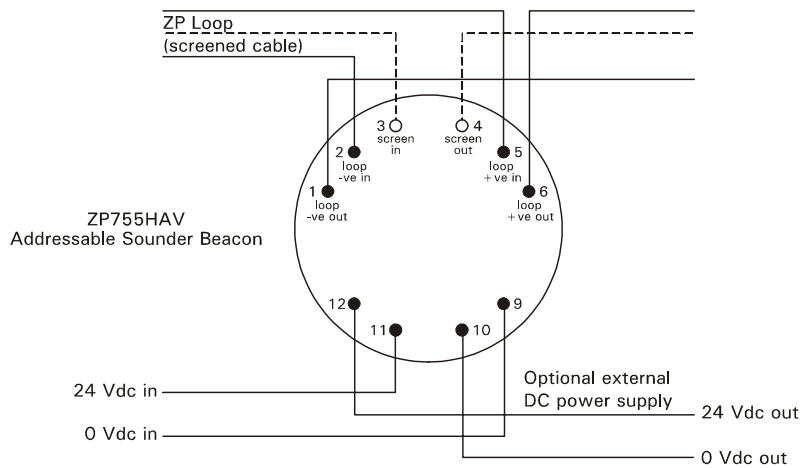
- **Cost effective compliance with disability legislation**
- **Powered directly from the ZP loop**
- **Fully addressable**
- **Low current LED based visual element**
- **High efficiency sound gun transducer**
- **Compatible with all ZP loop devices**
- **Minimises installation points**

# Dimensions



990847-01.cdr

# Wiring Schematic



990843-01.cdr

# Specification

Model No.	Part No.	Specification	Description	Performance
ZP755HAV-R (red)	132001	EN54 Part 3	Addressable sounder beacon – loop powered, red moulding/red lens	Audible – 102 dBA (at 1m)
ZP755HAV-W (white)	132101	EN54 Part 3	Addressable sounder beacon – loop powered, white moulding/red lens	Audible – 102 dBA (at 1m)

Compatibility	All ZP analogue addressable systems <i>note</i> - sound options may vary for ZP5 and ZP3 systems with early software versions.	Operating voltage	16-24 volts DC
Mounting	Surface - with optional first fix plate ZP7-FF-W (white) ZP7-FF-R (red)	Current (quiescent)	600µA
		Current (active)	11 mA
Addressing method	7 way Dip switch	Max number	40 per 1km loop (subject to cable size and sounder spacing)
Wiring	2 core loop	<b>Environmental:</b>	
<b>Monitoring:</b>	ZP loop - open and short circuit fault sound output level - self test facility	Application	Indoor use
Sound output	Tone 1 - continuous 980 Hz	EN60529 rating	IP50
	Tone 2 - intermittent 980 Hz (0.5 secs on/off)	Temp range	-10°C to 70°C
	Tone 3 - two tone warble 980 Hz/670 Hz	Humidity range	10% to 95% RH (non condensing)
Light output	Equivalent to 1J xenon element	EMC	CE marked (EEC89/336)
		<b>Construction:</b>	
		Material	Moulded thermoplastic
		Dimensions	130mm (Dia) x 105mm (D)
		Colour	White or red moulding/red lens
		Weight	180g

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