



Product Data Sheet

ZP755HA-2P

ZP7 Series Addressable Horn Sounder (POLAR WHITE)

General

ZP755HA-2P is a POLAR WHITE addressable horn sounder designed for use with ZP addressable fire alarm systems. Designed with dual front and rear sound paths, it provides an 'all around' sound output - ideal for open area coverage.

Installed directly onto and powered by the ZP wiring loop, the ZP755HA-2 sounders enable the system designer to offer a complete ZP addressable system on a single pair of wires. Installation time and costs are further reduced as the moulding plugs directly into a first fix base – eliminating the need for any internal connections.

The units high efficiency acoustic design, together with a low energy 'sound gun' transducer, enables up to 40 sounders to be connected to a one kilometre loop of 1.5mm² cable, with a wiring run of 50 metres to the first device.

Self test facility

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, ZP755 sounders can be powered directly from an external power supply. All ZP755 sounders incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

Range of sound outputs

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).

ZP755HA-2 sounders produce a sound output of 102 dBA (tested at 1 metre). The volume setting can be reduced for areas where a lower sound output is required.

Moulded in high impact thermoplastic, the sounders are available in either polar white, red or white.



Standard Features

- Wide 'all around' sound distribution
- Microphone self test facility
- Plug in base – no internal connections
- Up to 40 sounders directly on the loop wiring
- High efficiency sound gun transducer
- Synchronised outputs



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Specifications

Model No	ZP755HA-2P (Polar White)
Specification	EN54 Pt3
Description	Addressable horn-sounder
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-P (Polar White)
Wiring	2 core loop
Monitoring	Open and short circuit fault, sound level - self test facility
Sound output	102dBA (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
Operating voltage	Loop 19.5 - 20.5 VDC, External 24 VDC (nominal)
Current	820microA quiescent, 6.4mA active
Max number	40 per 1km loop (1.5mm ² cable, 50m to 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	127mm (Dia) x 112mm (D) overall
Colour	Polar White
Weight	339g (including base)

Ordering Information

Part No.	Description
ZP755HA-2P	ZP7 Series Addressable Horn Sounder (POLAR WHITE)
SPB-2P	Pluggable Base for ZP755 Series Notification Devices - POLAR WHITE

