

## ZP755BV-4P

### ZP7 Series Addressable Base Sounder with Visual Indicator

#### Audible and visual warning from a single unit

The ZP755BV-4P is a POLAR WHITE, addressable loop powered base sounder with visual indicator for use on ZP fire alarm systems. The ZP755BV combines a detector base, audible sounder and high intensity visual indicator in a single stylish moulding. It offers both audible and visual warnings from a single, addressable, loop wired unit.

Providing an elegant solution for areas where the installation of a separate detector, sounder and visual indicator would prove expensive, both in equipment value and system wiring costs, the unit meets the requirements of most local legislation. Installation time is further reduced as the moulding plugs directly onto a first fix base, eliminating the need for any internal connections.

The ZP755BV is perfectly suited for any location involving high levels of background noise.

#### Low current sound gun and visual element

Independent addressing for the detector and alarm facilities is featured, with sound levels conforming to EN54 Part 3 and clear visual indication provided by a high intensity LED array positioned inside the base moulding.

High efficiency acoustic design, a low energy sound gun transducer and a low current visual element enables up to 30 detector and ZP755BV combinations to be connected to a 1 km loop of 1.5 mm<sup>2</sup> cable, with a wiring run of 50 m to the first device.

The range features a unique self test facility that is 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.

#### External power supply option

The ZP755BV may be used with other ZP loop equipment in any combined application subject to maximum loop loading. In systems where loop lengths or current requirements are excessive, the ZP755BV may be powered directly from an external power supply.

With a sound output of 90 dB(A), continuous, intermittent and two-tone audible outputs are available. The volume setting can be reduced for areas where a lower sound level is required.

#### Standard Features

- Detector, sounder and visual indicator from a single wiring point – minimising installation costs
- Powered directly from the ZP loop
- Separate addresses selectable for detector and notification device
- Up to 30 units directly on the loop
- High efficiency sound gun transducer
- Plug in base – no internal connections
- Wide range of international sound types and frequencies

### Specifications

<b>Model No</b>	ZP755BV-4P
<b>Specification</b>	EN54 Part 3
<b>Description</b>	Addressable detector base sounder with visual indication
<b>Compatibility</b>	All ZP systems *
<b>Mounting</b>	Surface with plug in base - SPB-2P (Polar White)
<b>Wiring</b>	2 core loop
<b>Monitoring</b>	Open and short circuit fault, sound output - self test facility
<b>Operating voltage</b>	
Loop	19.5 - 20.5 VDC
External supply	18 - 30 VDC
<b>Operating current</b>	
Quiescent	500 microA
Active	6 mA
<b>Sounder</b>	
Sound output	90 dB(A)
Sound types	Continuous - 980 Hz, intermittent - 980 Hz 0.5 s on/off, dual tone - 980/670 Hz 0.5 s each. See installation sheet for full international tone range
<b>Beacon</b>	
Light source	Red LED array
Light output	< 1J
Flash frequency	1 every 1.1 s
<b>Max number</b>	30 per 1 km loop (1.5 mm <sup>2</sup> cable, 50 m to first device)
<b>Application</b>	Indoor installation
<b>EN60529 rating</b>	IP21C
<b>Temperature range</b>	-10°C to 70°C
<b>Humidity range (at 40°C)</b>	10% to 95% RH (non condensing)
<b>EMC</b>	CPD certified
<b>Material</b>	Moulded thermoplastic
<b>Dimensions</b>	127mm (Dia) x 47mm (D)
<b>Colour</b>	Polar White
<b>Weight</b>	156g
* Note Sound options may vary for ZP5 and ZP3 systems with early software versions.	

### Ordering Information

Part No.	Description
ZP755BV-4P	ZP7 Series Addressable Base Sounder with Visual Indicator
SPB-2P	Pluggable Base for ZP755 Series Notification Devices - POLAR WHITE

