

Ziton



# ZP755

## Addressable Alarms



imagination at work

# Alarms for every occasion....

DEVELOPED THROUGH WORLDWIDE, ON-SITE EXPERIENCE – THE ZP755 ADDRESSABLE ALARM RANGE ENABLES SYSTEM DESIGNERS AND INSTALLERS TO ACHIEVE EXACT ALARM MANAGEMENT AND EVACUATION PROCEDURES IN ANY TYPE OF BUILDING.

The ZP755 series is a comprehensive range of advanced addressable sounders, designed for use in ZP3 analogue fire detection and alarm systems. Installed directly onto the ZP loop wiring, ZP755 sounders, in conjunction with the range of Ziton sensors, provide a true two wire system – offering full analogue addressable features on a single pair of wires. Installation costs are greatly reduced, whilst system integrity, sounder selection and alarm organisation are significantly increased.

Acoustically highly efficient - up to 100 sounders together with 100 sensors can be installed and powered directly on a one kilometre loop - subject of course to wiring specifications. In systems where loop lengths or current requirements are excessive the units can be powered directly from an external power source via dedicated wiring.

Installation is simple as all sounders twist and lock into surface base plates – eliminating the need for any internal sensor/sounder connections.

The range incorporates a number of advanced and unique features –

Advanced addressing each sounder can operate as a separate device, or in a zone or group, or be linked to a sensor or callpoint – enabling individual rooms to be evacuated prior to sounding a general alarm

A self test, sound level facility is incorporated into every sounder, monitoring operation by a built in



microphone circuit – checking for sound output and automatically signaling to the control panel should sound level fall below minimum requirements.

Selectable sound outputs, continuous, intermittent and dual tone enable alert and evacuate signals to be provided on a zone, group or individual sounder basis. All three sound types comply with the European standard EN54 Part 3 and the recommendations of most international codes. Tones are synchronized to ensure frequencies are not cancelled out.

Horn models feature both wide and narrow angle sound paths – providing a full sound dispersion pattern with an evenly balanced output throughout the protected area.

## ZP755B-2 Sensor base/sounder

Combining sensor base and sounder in a single unit. Low current – high power acoustic design provides an elegant solution where separate sensor and sounder would prove expensive. The ZP755B is intended for installations involving high numbers of alarm sounders, for example hotel bedrooms or compartmented risk areas.

Sensor and alarm elements can be addressed independently and sound levels comply with the requirements of EN54 Part 3. Sound output 90dBA (at 1m), Maximum per 1km loop – 60\*, Colour – white

## ZP755BV-3 Sensor base/sounder/beacon

A sister product to the ZP755B-2 but offering an additional visual output. Complying with most local disability legislation, the unit is also perfectly suited to any location involving high levels of background noise

Sound output 90dBA (at 1m), Light source Red LED array, Maximum per 1km loop – 40\* Colour – white moulding red light flash



### ZP755R-2 Room sounder >

Compact for areas where the sensor/sounder combination proves impractical – for example where fewer or more sounders than sensors are necessary. Applications include – lobbies, sleeping accommodation and small rooms and compartments.

Sound output 90dBA (at 1m), Maximum per 1km loop – 60\*, Colour – white or red moulding



### < ZP755HA -2 Horn sounder

Designed with dual front and rear sound paths, providing an 'all around' sound

output - ideal for open area coverage. Continuous, intermittent and two-tone outputs can be selected to provide alert and evacuate two stage alarms. All sound types comply with most international codes – for example BS5839 Part1 recommended frequencies.

Sound output 102dBA (at 1m), Maximum per 1km loop – 40\*, Colour – white or red moulding.

### < ZP755HAV-2 Horn sounder/beacon

Presenting an identical profile to the ZP755HA, the ZP755HAV includes an additional, high intensity beacon.

Disability legislation increasingly requires visual alarm signals to ensure equal response from people with hearing impairment - the unit is perfectly suited for this application. The alarm has also proved popular in risk areas involving high levels of background noise. Especially where operators are provided with ear protection.

Sound output 102dBA (at 1m), Maximum per 1km loop – 25\*, Colour – white moulding/clear lens or red moulding/red lens



### ZP755V Addressable beacon >

Developed to compliment audible alarms, the beacon provides high intensity, visual signals for applications where alarm sounders alone would prove to be ineffective. The unit is designed to meet the requirements of most local disability legislation.

Maximum per 1km loop – 60\*, Colour -white moulding/clear lens



### < ZP755W Addressable weatherproof sounder/beacon

Ideal for outdoor applications, or for use in areas where the ingress of water can be expected, for example where hygiene requirements demand regular washing or hosing down of equipment within the protected area.

Sound output 102dBA (at 1m), Maximum per 1km loop – 40\*, Colour – red moulding.

### ZP755 WV-2R Addressable weatherproof sounder/beacon

A matching unit to the ZP755W but including an additional high intensity beacon.

Sound output 102dBA (at 1m). Maximum per loop - 25\*. Colour - red moulding/red lens.

\* Maximum loop populations stated are based on a 1 Km loop of 1.5mm<sup>2</sup> soft skin cable, with a distance of 50m to the first device

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