

AS2363

2000 Series Loop Powered Sounder, Multi-Tone, Shallow Base

General

The AS2363 is a RED bodied, shallow base addressable room sounder for fire alarm systems running 2000 series addressable fire protocol. Multiple tone selection and full CPD approval ensure conformance to local regulations. The sounders operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required. They are compatible with automatic phased-start synchronisation controlled from the fire panel.

Installation

Device cabling is done to the base and allows the sounder to be fitted and locked into position afterwards. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

Efficient and versatile

These sounders can be put into different operating modes depending on local requirements. It provides high sound output at a low current, thus reducing power standby requirements and overall system cost. They are supplied with high/low volume settings as standard, allowing final audio adjustments to be made during installation. The sounder is tone selectable during installation. 32 tone settings are available.



Details

- Loop powered
- High sound output with low current consumption
- Multiple tone selection
- Suitable for multiple stage evacuation with up to 3 pre-set tones
- Automatic synchronisation
- CPD certified
- VdS Approved

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Technical Specifications

Electrical

Operating voltage	17 to 28 VDC
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Sounder

Frequency	400 - 2850 Hz *
Output @ 90° ± 3 dB(A)	97dBA dBA at 1m *
Selectable tones	32
Frequency range	400 - 2850 Hz *
Volume adjustment	8 dB

Physical

Physical dimensions	100 x 81 mm (Ø x H)
Net weight	215 g
Body	High Impact Polycarbonate
Weight	215 g
Dimensions (dia x h)	100 x 81 mm
Cable size	0.28 mm ² to 2.5 mm ²

Environmental

Operating temperature	-10 to +55°C
Storage temperature	-10 to +55°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP-rating	IP21
Operating Temperature	-10°C to +55°C
Storage temperature	-10°C to +55°C
Relative humidity (non condensing)	5% to 95%
IP Rating	IP21

Standards & Regulation

Certification	EN54-3
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Operating voltage

17-28 VDC

Supply current @ 24 VDC

Switch on surge	< 1.2 mA
Quiescent	310 µA
Activated (Sounder)	5.1 mA
Activated (Beacon)	NA