

# AS2363

2000 Series Loop Powered Sounder, Multi Tone, Shallow base - RED

## General

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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

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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

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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.



## Standard Features

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- 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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### Specifications

Operating voltage	17-28 VDC
Supply current @ 24 VDC	
Switch on surge	< 1.2 mA
Quiescent	310 $\mu$ A
Activated (Sounder)	5.1 mA
Activated (Beacon)	NA
Sounder	
Output @ 90° $\pm$ 3 dB(A)	97dBA dBA at 1m *
Selectable tones	32
Frequency range	400 - 2850 Hz *
Volume adjustment	8 dB
Environmental	
Operating Temperature	-10°C to +55°C
Storage temperature	-10°C to +55°C
Relative humidity (non condensing)	5% to 95%
IP Rating	IP21
Physical	
Body	High Impact Polycarbonate
Weight	215 g
Dimensions (dia x h)	100 x 81 mm
Cable size	0.28 mm <sup>2</sup> to 2.5 mm <sup>2</sup>

\* depends on selected tone and input voltage.

### Ordering Information

Part No.	Description
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