

# AS2364

## 2000 Series Loop Powered Sounder, Multi-Tone, Deep Base

### General

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The AS2364 is a RED bodied, deep base addressable room sounder for fire alarm systems running 2000 series addressable fire protocol. Multiple tone selection and full CPR 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. The AS2364 has a IP65 enclosure.

### 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.



### Details

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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
- IP65 rated
- CPR certified

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### Technical specifications

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#### Electrical

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| Operating voltage   | 17 to 28 VDC                                                    |
| Current consumption | 310 $\mu$ A @ 24 VDC (Quiescent)<br>5.1 mA @ 24 VDC (Activated) |
| Switch on surge     | < 1.2 mA @ 24 VDC                                               |

#### Sounder

|                         |                                    |
|-------------------------|------------------------------------|
| Output level            | 97dBA ( $\pm$ 3 dB(A)) at 1m @ 90° |
| Frequency               | 400 - 2850 Hz (Tone dependent)     |
| Selectable tones        | 32                                 |
| Synchronization         | Automatic                          |
| Output level adjustment | 8 dB                               |
| No. of stages           | 3                                  |

#### General

|               |                     |
|---------------|---------------------|
| Compatibility | 2000 Series Systems |
|---------------|---------------------|

#### Physical

|                     |                                             |
|---------------------|---------------------------------------------|
| Physical dimensions | 100 x 104 mm ( $\emptyset$ x H)             |
| Net weight          | 250 g                                       |
| Colour              | Red                                         |
| Mounting type       | Ceiling mount, Wall mount                   |
| Mounting position   | Ceiling, Wall                               |
| Mounting base       | Deep                                        |
| Cable size          | 0.28 mm <sup>2</sup> to 2.5 mm <sup>2</sup> |
| Material            | High impact polycarbonate                   |

#### Environmental

|                       |                        |
|-----------------------|------------------------|
| Vandal proof          | No                     |
| Operating temperature | -10 to +55°C           |
| Storage temperature   | -10 to +55°C           |
| Relative humidity     | 5 to 95% noncondensing |
| Environment           | Indoor / Outdoor       |
| IP rating             | IP65                   |

#### Standards & regulation

|               |                         |
|---------------|-------------------------|
| Compliance    | CE, REACH, RoHS 2, WEEE |
| Certification | EN54-3                  |

