# AS2363

## Aritech 2000 Series addressable loop powered sounder, multi-tone with 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 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.

### 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
- CPR certified
- VdS Approved

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## Technical specifications

### General

| | |
|---|---|
| Compatibility | 2000 Series systems |
| Addressing method | DIP Switches |
| Monitoring | Sound output |
| System support | Addressable systems |

### Electrical

| | |
|---|---|
| Power supply type | Slingdriven |
| Power consumption | 120 mW |
| Switch on surge | <1.2 mA @ 24 VDC |
| Operating voltage | 17 to 28 VDC |
| Communication voltage | 5 to 9 V |
| Current consumption | 310 µA (Quiescent @ 24 VDC)<br>5.1 mA (Activated @ 24 VDC) |
| Cable size | 0.28 mm² to 2.5 mm² |

### Sounder

| | |
|---|---|
| Output level | < 97 dBA (±3 dB(A)) at 1 m @ 90º (tone and voltage dependent) |
| Output level adjustment | 8 dB (Typical) |
| Frequency | 400 - 2850 Hz (Tone dependent) |
| Selectable tones | 32 |
| Synchronization | Supported |
| No. of stages | 3 |

### Physical

| | |
|---|---|
| Physical dimensions | 100 x 81 mm (Ø x H) |
| Net weight | 215 g |
| Colour | Rød |
| Mounting type | Loftmontering, Vægmontering |
| Mounting position | Ceiling, Wall |
| Mounting base | Shallow |
| Material | Hög slagtålighet polykarbonat |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +55°C |
| Relative humidity | 5 to 95% noncondensing |
| Environment | Indendør |
| IP rating | IP21 |

### Regulatory

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

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Notification device | AS2363W | Aritech 2000 Series addressable loop powered sounder, multi-tone with shallow base |
| Notification device | AS2364 | Aritech 2000 Series addressable loop powered sounder, multi-tone with deep base |
| Notification device | AS2364W | Aritech 2000 Series addressable loop powered sounder, multi-tone with deep base |
| Notification device | AS36RIM | Sounder Beacon Rim With "Fire" Text (English) |
| Notification device | DB2368IAS-W | ARITECH 2000 Series sounder base with isolator, white |

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