# ASC2367

## Aritech 2000 Series ceiling mount sounder/visual alarm, multi-tone with deep base

### General

The ASC2367 is a RED bodied, deep base addressable ceiling mount room sounder/VAD for fire alarm systems running 2000 series fire protocol. Multiple tone selection and full CPR approval ensure conformance to local regulations. The VAD has a RED lens and a flash frequency of either 0.5 or 1 Hz (selectable on installation).

The 2000 series sounder/VADs operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required. The ASC2367 is compatible with automatic phased-start synchronisation controlled from the fire panel, and has an IP65 enclosure.

### 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 sounder/VADs can be put into different operating modes depending on local requirements. They provide 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.

The VAD flash rate can be set during installation to 1 Hz for normal applications or, for power conservation, to 0.5 Hz, reducing the power requirements of the unit.



### Details

- Loop powered
- High sound output with low current consumption
- Multiple tone, output volume and varying flash frequency selection
- Suitable for multiple stage evacuation with up to 3 pre-set tones
- Automatic synchronisation for sounders and VADs
- IP65 rated
- CPR certified to EN54:3 and EN54:23

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## Aritech 2000 Series ceiling mount sounder/visual alarm, multi-tone with deep base

## Technical specifications

### General

| | |
|---|---|
| Compatibility | Aritech 2000 series systems |

### Electrical

| | |
|---|---|
| Switch on surge | <1.2 mA |
| Operating voltage | 17 to 32 VDC |
| Current consumption | 310 µA (Quiescent @ 24 VDC)<br>5.1 mA (Sounder ON @ 24 VDC)<br>20 mA @ 0.5 Hz / 40 mA @ 1Hz (Beacon ON @ 24 VDC) |
| Cable size | 0.28 mm² to 2.5 mm² |

### Sounder

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

### VAD

| | |
|---|---|
| Colour | Red |
| Rating | C-3-9 |
| Floor coverage | 63 m² |
| Flash frequency | 0.5 or 1 Hz |
| Synchronization | Automatic |

### Physical

| | |
|---|---|
| Physical dimensions | 100 x 104 mm (Ø x H) |
| Net weight | 345 g |
| Colour | Red |
| Mounting type | Ceiling mount |
| Mounting position | Base |
| Mounting height | Up to 3 m |
| Mounting base | Deep |
| Material | High impact polycarbonate |

### Environmental

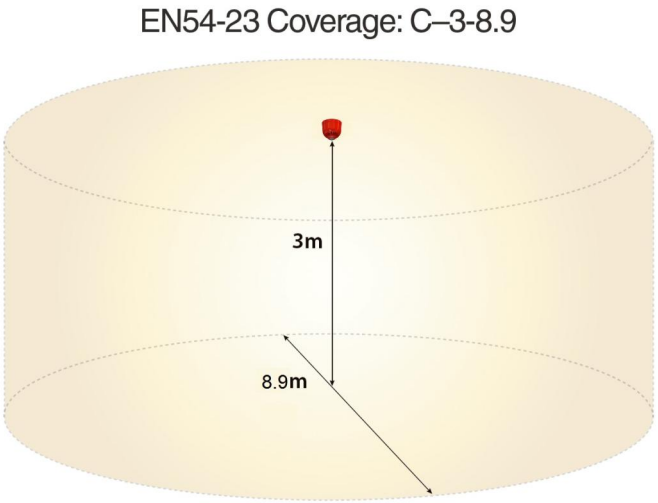
| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +55°C |
| Relative humidity | 5 to 95% noncondensing |
| Environment | Outdoor |
| IP rating | IP33C (Deep base IP65) |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |
| Certification | EN54-23, EN54-3 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Notification device | AS36RIM | Sounder Beacon Rim With "Fire" Text (English) |
| Notification device | ASC2366 | Aritech 2000 Series ceiling mount sounder/visual alarm, multi-tone with shallow base |
| Notification device | ASC2367W | Aritech 2000 Series ceiling mount sounder/visual alarm, multi-tone with deep base |




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