ASC2366

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

General

The ASC2366 is a RED bodied, shallow 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 beacon 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 ASC2366 is 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 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
- CPR certified to EN54:3 and EN54:23

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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) 5.1 mA (Sounder ON @ 24 VDC) 20 mA @ 0.5 Hz / 40 mA @ 1 Hz (Beacon ON @ 24 VDC)
Cable size	0.28 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 81 mm (Ø x H)
Net weight	298 g
Colour	Red
Mounting type	Ceiling mount
Mounting position	Base
Mounting height	Up to 3 m
Mounting base	Shallow
Material	High impact polycarbonate

Environmental

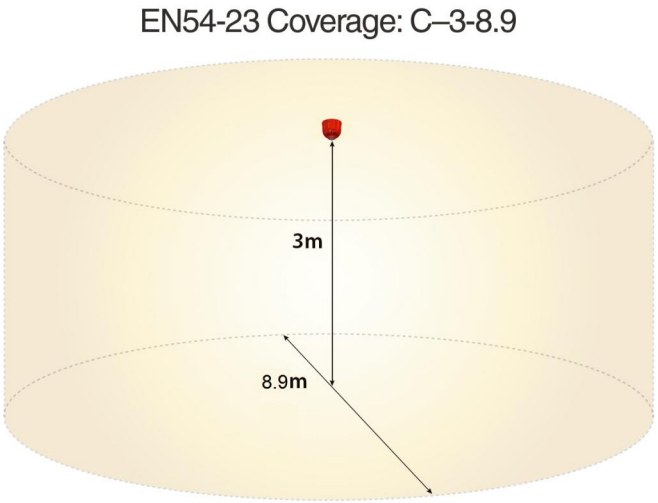
Vandal proof	No
Operating temperature	-10 to +55°C
Storage temperature	-10 to +55°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP rating	IP21C

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	ASC2367	Aritech 2000 Series ceiling mount sounder/visual alarm, multi-tone with deep base
Notification device	ASW2366	Aritech 2000 Series addressable wall mount sounder/visual alarm, multi-tone with shallow base



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Last updated on 15 October 2026 - 16:37