



# ASC2366

2000 Series Ceiling Mount VAD, Multi Tone, Shallow base - RED flash

## General

The ASC2366 is a RED bodied, shallow base addressable ceiling mount room sounder/beacon for fire alarm systems running 2000 series addressable 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/beacons operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required if the loop loading permits. For heavily loaded loops an external EN54:4 power supply may be used. 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/beacons 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 beacon 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.



## Standard Features

- Loop or externally 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 beacons
- CPR certified to EN54:3 and EN54:23

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## Specifications

Operating voltage	17-32 VDC
Supply current @ 24 VDC	
Switch on surge	< 1.2 mA
Quiescent	310 $\mu$ A
Sounder ON	5.1 mA
Beacon ON	20 mA @ 0.5 Hz / 40 mA @ 1Hz
Sounder	
Output @ 90° $\pm$ 3 dB(A)	97dBA dBA (@ 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	298 g
Dimensions (dia x h)	100 x 81 mm
Cable size	0.28 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
Beacon coverage	C-3-8.9

\* depends on selected tone and input voltage.

## Ordering Information

Part No.	Description
ASC2366	2000 Series Ceiling Mount VAD, Multi Tone, Shallow base - RED flash

EN54-23 Coverage: C-3-8.9

