

AS2364W

Aritech 2000 Series addressable loop powered sounder, multi-tone with deep base

General

The AS2364W is a WHITE bodied, deep base addressable room sounder for fire alarm systems running 2000 series addressable fire protocol. Multiple tone selection and full CPD 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 AS2364W has a 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 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
- IP65 rated
- CPD certified

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Technical specifications

Electrical

Operating voltage	17 to 28 VDC
Current consumption	5.1 mA @ 24 V (Sounder activated) <1.2 mA @ 24 V (Switch on surge) 310 µA @ 24 V (Quiescent)

Sounder

Output level	97 dBA at 1m (Output @ 90° ± 3 dB(A)) (depends on selected tone and input voltage)
Output level adjustment	8 dB
Frequency	400 to 2850 Hz (depends on selected tone and input voltage)
Selectable tones	32

Physical

Physical dimensions	100 x 104 mm (Ø x H)
Net weight	250 g
Material	High impact polycarbonate
Cable size	0.28 to 2.5 mm ²

Environmental

Operating temperature	-10 to +55°C
Storage temperature	-10 to +55°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP rating	IP65

Regulatory

Certification	EN54-3
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Compatible products

Category	Reference	Description
Notification device	AS36RIM	Sounder Beacon Rim With "Fire" Text (English)
Notification device	AS36RIM-09	Sounder Beacon Rim With "Fuego" Text (Spanish)



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