

# AS2363W

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

### General

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The AS2363W is a WHITE bodied, 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

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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

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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

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- 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
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### Electrical

Switch on surge	< 1.2 mA
Operating voltage	17 to 28 VDC
Current consumption	310 µA @ 24 VDC (Quiescent) 5.1 mA @ 24 VDC (Activated)
Cable size	0.28 mm <sup>2</sup> to 2.5 mm <sup>2</sup>

### Sounder

Output level	97 dBA (±3 dB(A)) at 1m @ 90°
Output level adjustment	8 dB
Frequency	400 - 2850 Hz (Tone dependent)
Selectable tones	32
Synchronization	Automatic
No. of stages	3

### Physical

Physical dimensions	100 x 81 mm (Ø x H)
Net weight	215 g
Colour	White
Mounting type	Ceiling mount, Wall mount
Mounting position	Ceiling, Wall
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	IP21

### Regulatory

Compliance	CE, REACH, RoHS 2, WEEE
Certification	EN54-3

### 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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