# DB2368IAS-W

**ARITECH 2000 Series sounder base with isolator, white**

## General

The DB2368IAS-W is an addressable base sounder with integrated isolator for fire alarm systems running 2000 series addressable fire protocol. It may be installed below a 2000 series detector or used as standalone with the AS2368CAP-W cap. Multiple tone selection and full CPR approval ensure conformance to local regulations.

All 2000 series 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

Device cabling is done to the base sounder and allows a detector to be fitted and locked into position afterwards. Only one set of connections is used for both the base sounder and the detector. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

## Efficient and versatile

The 2000 series sounders may 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.

All sounders are tone selectable during installation, with 32 tone settings available.




## Details

- Loop powered
- Integrated isolator
- 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

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## Technical specifications

### General

| | |
|---|---|
| Compatibility | 2000 Series systems |

### Electrical

| | |
|---|---|
| Power supply type | Loop-Stromversorgung |
| Switch on surge | <1.2 mA @ 24 VDC |
| Operating voltage | 17 to 28 VDC |
| Current consumption | 400 µA @ 24 VDC (quiescent)<br>5.1 mA @ 24 VDC (activated)<br><6 mA (isolated) |
| Cable size | 0.28 to 2.5 mm² |

### Sounder

| | |
|---|---|
| Output level | 90 dBA ±3 dB(A) @ 90º |
| Output level adjustment | 8 dB (typical) |
| Frequency | 400 to 2850 Hz (tone dependent) |
| Selectable tones | 32 |
| Synchronization | Automatic |
| No. of stages | 3 |

### Isolation

| | |
|---|---|
| Type | Negativer Zeilenumbruch |
| Series resistance | 0.1 Ω |
| Switch current | <800 mA |

### Physical

| | |
|---|---|
| Physical dimensions | 115 x 43 mm (Ø x H) |
| Net weight | 140 g |
| Colour | Weiß |
| Mounting type | Deckenmontage, Wandmontage |
| Mounting position | Decke, Wand |
| Material | Hochschlagfestes Polycarbonat |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Storage temperature | -10 to +55°C |
| Relative humidity | 5 to 95% noncondensing |
| Environment | Drinnen |
| IP rating | IP21 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |
| Certification | EN54-17, EN54-3 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | DP2061N | ARITECH 2000 Series addressable optical smoke detector |
| Detection device | DP2061T | ARITECH 2000 Series addressable multisensor fire detector |
| Detection device | DT2063N | ARITECH 2000 Series addressable heat detector |
| Notification device | AS2368CAP-W | Aritech 2000 Series locking cap for 2000 series bases |

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