# FC-172-002

## Fusion Wireless Sounder (Red)

### General

The FC-172-002 is a RED, fire alarm sounder to be used with a wireless base. This 32 tone sounder is suitable for indoor use.

The sounder is quick and easy to install into the wireless base with a simple turn and lock mechanism.

### The Range

The Fusion series consists of:

· Optical Smoke Detectors
· Multisensor Smoke Detectors
· A1R Heat Detectors
· CS Heat Detectors
· Sounders in red and white
· Combination Sounder VIDs and VADs
· Manual Call Points
· Interface Modules

### Operating Principle

Wireless devices are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into heritage buildings. It is for these architecturally sensitive buildings that the Fusion series was developed.

Every Fusion device is assigned an address from is base. This address is converted by the Fusion wireless loop interface to a device address similar to a wired device connected directly to the loop wiring.



### Details

- 32 selectable tones
- Integrated audio monitoring
- Volume control possible
- Third party EN approved
- Easy to install
- Proven technology

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## Technical specifications

### General

| | |
|---|---|
| Wireless frequency | 868 MHz |
| Compatibility | Wireless base FC-171-002 |

### Electrical

| | |
|---|---|
| Power supply type | Batteries |
| Operating voltage | 2.8 to 5 VDC |

### Sounder

| | |
|---|---|
| Output level | < 99 dB(A) @ 1 m (Tone dependant) |
| Output level adjustment | Analogue |
| Frequency | Selectable |
| Selectable tones | 32 |
| No. of stages | 2 |

### Physical

| | |
|---|---|
| Physical dimensions | 120 x 125 mm (Ø x H) - Including base |
| Net weight | 650 g - Including base |
| Colour | Red |
| Mounting type | Base mount |
| Mounting base | Wireless |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10°C to 55°C |
| Storage temperature | 5°C to 30°C |
| Relative humidity | < 95% non-condensing |
| Environment | Indoor |
| IP rating | IP54 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |
| Certification | BOSEC, CPR |
| Standards | EN54-3<br>EN54-13 |

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