EF009, EF009SB - BiWire Ultra wall sounder & wall sounder VAD





The BiWire Ultra wall sounder and wall sounder VAD offers low current consumption and high sound output.

The BiWire range has been designed to meet the European standardsfor EN54-3 for the sounder and EN54-23 for the beacon VAD.

It is offered in two variants, sounder only or a combined unit of sounder VAD.

Features

- Certified to EN54-3 and EN54-23
- High sound output and durable design
- Weatherproof option

Benefits

- Certified for Fire use
- Ideal for high noise environments
- Suitable for open areas, as well as outdoor use
- Easy to maintain and service



4.3 Accessories

Technical specification

| Code | EF009SB / EF009SBWP & EF009 / EF009WP |
|---------------------------------|---------------------------------------|
| Supply Voltage (BiWire Alarm) | 25.5~35 Vdc |
| Supply Voltage (BiWire Standby) | 18~25.5 Vdc |
| Supply Voltage (Conventional) | 18~35 Vdc |
| Cable Size/type | 0.5~2.5mm / FIRETUF, FP200 or MICC |
| Standby Current (BiWire Mode) | <15µA |
| Current (High Volume) | Sdr Only = 4.8mA, AV = 11mA |
| Current (Low Volume) | Sdr Only = 2.6mA, AV = 8.7mA |
| Sound Output (High Volume) | 99 +/- 3dB(A) |
| Sound Output (Low Volume) | 89 +/- 3dB(A) |
| Operating Temperature | -25 to +70°C (95% RH) |
| Material | ABS FR Plastic |
| Environmental Category | EF009SB: IP21C EF009SBWP: IP66 |
| Tones | 3 |
| Flash Rate | 0.5Hz (Not applicable to EF009(WP)) |
| Flash On Period | 60ms (Not applicable to EF009(WP)) |

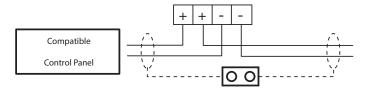
Installation

- 1. First fix mounting plate is fixed to wall.
- 2. Cable entry is from rear, or top/bottom.
- 3. Connections are to main sounder body.
- 4. Separate alarm line in and alarm line out terminals are provided.

Interface options

Sounder operates from nominal 24V dc supply and can be connected to any suitably rated conventional sounder circuit.

Standard connections

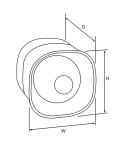


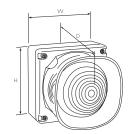
WARNING:

Do NOT use high voltage testers if ANY equipment is connected to the system.

Screen (Earth) must be continuous along entire length of cable.

Dimensions





| Description | H (mm) | W (mm) | D (mm) |
|---------------------|--------|--------|--------|
| EF009 / EF009SB | 106 | 106 | 91 |
| EF009WP / EF009SBWP | 110 | 110 | 100 |
| | | | |

Catalogue numbers

| Description | Code |
|---|-----------|
| BiWire Ultra wall sounder | EF009 |
| BiWire Ultra wall sounder, weatherproof | EF009WP |
| BiWire Ultra wall sounder VAD | EF009SB |
| BiWire Ultra wall sounder VAD, weatherproof | EF009SBWP |