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

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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))

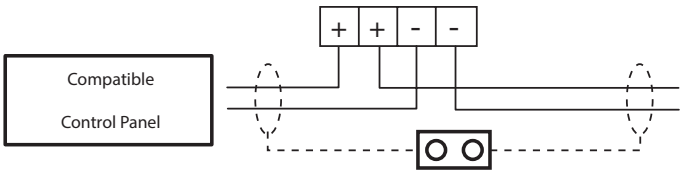
Installation

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.

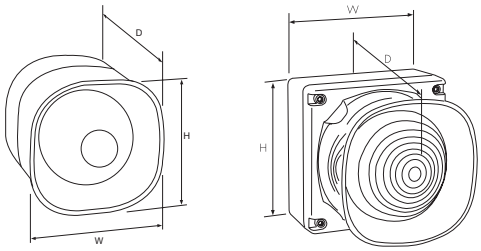
Standard connections



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