

# FX002SB, FX002DB - Conventional surface sounders



Two versions of the conventional surface sounder are available in this range, the shallow base (FX002SB) and the weatherproof deep base (FX002DB).

Both the FX002SB and the FX002DB are compatible with the Eaton range of conventional fire systems.

These conventional surface sounders have 32 different alarm tone selections and adjustable volume levels via the internal volume controller.

Depending on the selected tone, sound levels of up to 105dB(A) can be achieved.

## Features and benefits

- Shallow base has unobtrusive low profile design
- Pre drilled cable entries
- Weatherproof variant
- 32 selectable tones
- Quick and simple to install
- Low current, high sound output
- Suitable for a wide range of applications
- Automatic synchronisation

# Specifier's guide

## 4.3 Accessories

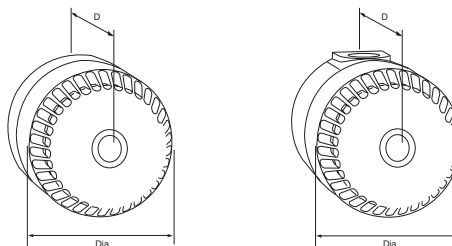
### Technical specification

Code	FX002SB	FX002DB
Description	Surface sounder, shallow base	Weatherproof surface sounder, deep base
Standards	EN54 Pt3 2001	EN54 Pt3 2001
<b>Specification</b>		
Operating voltage	9V dc to 28V dc	9V dc to 28V dc
Current consumption	16mA at 24V dc	16mA at 24V dc
Sound output	105dB(a) max (+/-2) at 24V dc, at 1 meter	105dB(a) max (+/-2) at 24V dc, at 1 meter
Number of tones	32	32
<b>Environmental</b>		
Operating temperature	-25°C to +70°C	-25°C to +70°C
Humidity (non condensing)	0 to 93% RH	0 to 93% RH
<b>Physical</b>		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Dimensions (Dia x D)	93mm x 63mm	93mm x 93mm
Weight	0.24kg	0.30kg
Ingress protection	IP54	IP65
Cable entry	Rear	Rear/Side
<b>Compatibility</b>		
Suitable for use with	Eaton conventional fire systems	Eaton conventional fire systems

### Installation

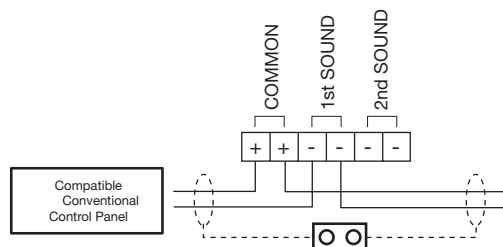
1. Supplied with simple to install first fix mounting base.
2. Fixing and cable entry holes are pre-drilled on FX002SB. Fixing holes are drilled upon installation of FX002DB to maintain weatherproof integrity.
3. Cable entry is from rear, or side on the FX002DB.
4. Connections are to main sounder body.
5. Separate zone in and zone out terminals are provided.
6. Main body is pushed into sounder base and then twisted to lock into place.

### Dimensions



Description	Dia (mm)	D (mm)
Surface sounder, shallow base	93	63
Weatherproof surface sounder	93	93

### 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.

#### NOTE:

Diagram shown with 1st sound connected, if 2nd sound is required connect both negative in and negative out to the second sound terminal.

### Interface options

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

### Options

Choice of tone setting (set via DIP switches can be altered at any time).

### Catalogue numbers

Description	Code
Surface sounder, shallow base	FX002SB
Weatherproof surface sounder, deep base	FX002DB