

Overview

The Fire alarm sounder is applicable for audible and visual indicator of events registered in Fire Alarm Systems and has been tested and validated to EN54-3.

The fire alarm sounder has a main body and a cover, for easy installation. The fire alarm sounder is powered from the Fire Control Panel with a two-wire cable.

Technical Data

Nominal operating voltage	24V DC
Minimum operating voltage	15V DC
Maximum operating voltage	30V DC
Current consumption in Alarm Condition	50mA/24V DC
Sounder Output	complies with EN 54-3:2001+A1+A2
Frequency	2.8±0.5kHz (1s On / 1s Off)
Output in Alarm condition	77dB(A) @ 1M (refer to Fig. 3)
Construction	ABS
Degree of protection	IP21C
Operational temperature range	minus 10°C - plus 50°C
Relative humidity resistance	(93±3) % at 40°C
Dimensions (Height x Depth x Width)	134x36x112mm
Weight	0.115 kg
Type of the connecting line to the base	2-wire, a single-core or multi-core insulated wire
Cross section of the connecting wire	(0.8-1.5) mm ²



Installation & Wiring Details

Remove the main cover, fig 1 fix the main body to the building with three fixings with relevant screw and wall fixings connect to the Fire Control Panel with a two-wire cable from the panel sounder circuit., fig.2. Clip cover back on.

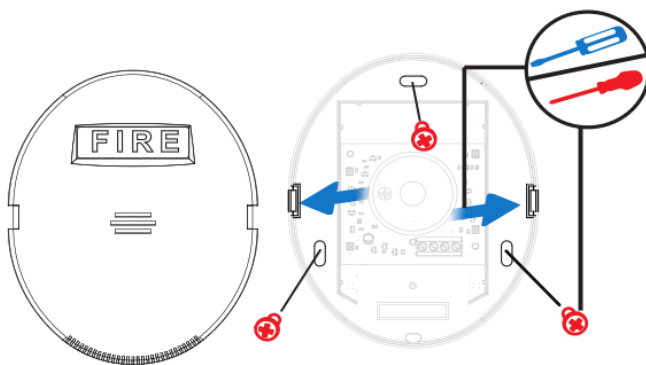


fig.1

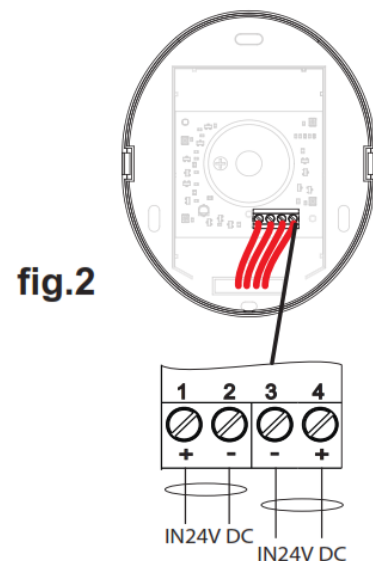


fig.2

For horizontal plane, when the mic is at the left of the sounder as shown in the figure below, the mic is considered to be at an angle of 0°



For vertical plane, when the mic is at the top of the sounder as shown in the figure below, the mic is considered to be at an angle of 0°

Angle	Horizontal Sound Output Max Voltage db(A)@1m	Horizontal Sound Output Min Voltage db(A)@1m	Vertical Sound Output Max Voltage db(A)@1m	Vertical Sound Output Min Voltage db(A)@1m
15	92	90	90	89
45	86	84	85	85
75	95	94	94	92
105	93	94	94	93
135	85	84	78	77
165	92	91	90	90

fig.3