RE-677SO
ADDRESSABLE SOUNDER BASE

General

The addressable sounder base is designed to be connected to analogue addressable Fire Alarm Systems. And these addressable sounder bases should be connected to the compatible control panel. The RE-677SO Addressable sounder base receives their power from external 24-volt DC source and it is controlled via addressable communication. The address of these loop sounders shall be set by using 8-way DIP Switch. Eight different tones can be selected using 4-way dip switch.
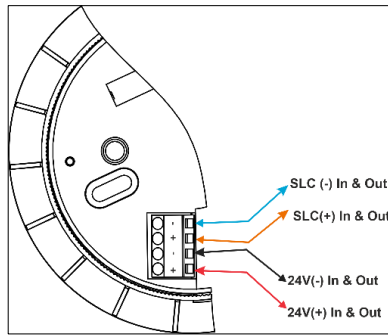
Features

- Complies to UL464.

- Low Operating Current.

- All Tones are Synchronizable.

- The low frequency 520 Hz signal is unique, and is ideal for hotels, dormitories, and other sleeping occupancies.

- Addressing by 8-way DIP switch.

- 7 Different tone selection.

- Slim and sleek.
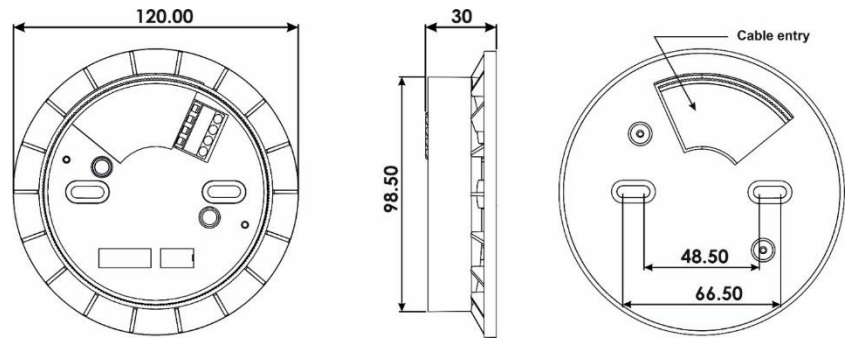
- Sounder volume low / high facility.

Specification

Electrical Specification	
Operating Voltage	17 ~ 32 VDC
SLC Alarm Current	1 mA
SLC Standby Current	0.8 mA
External Supply Voltage	17 ~ 32 VDC
External Alarm Current	4 mA
External Standby Current	0.8 mA
Sound Level @24V	80 db @ 3m
Sound Element	Piezo Electric Type
Operating Temperature	0 - 49° C / 32 - 120° F
Storage Temperature	0 - 60° C
Humidity	93 ± 2% RH (non-condensing)
Material	FR ABS
Color	White
IP Rating	IP 40
Dimensions	120 D x 45H
Wire Size	1.5Sqmm (16AWG) Max

Wiring Diagram

SLC (-) In & Out
SLC(+) In & Out
24V(-) In & Out
24V(+) In & Out

Connect the Loop Positive & Negative wires to SLC IN Terminal, observing the polarity. The wiring terminal accepts solid or stranded cables up to 2.5mm^2.

Dimensions

120.00
30
98.50
Cable entry
48.50
66.50

Tone Selection Chart

Tone	Description
1	US Temporal 3 520Hz
2	US Temporal 3 970Hz
3	US Temporal 4 970Hz
4	US Temporal 4 520Hz
5	970Hz Continuous
6	800 to 970Hz 1sec BS Fire Tone @ 1 Hz
7	Warble Tone 800Hz for 500ms, then 1000Hz for 500ms
8	US Temporal 3 520Hz

Compatible Panel

Model	Description
Aaral X4	Analogue Addressable Fire Alarm Control Panel expandable upto 4 Loop
Aaral X8	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

Ordering Information

Model	Description
RE-677SO	Addressable Sounder Base – Ceiling Mount