

RE-678SO

ADDRESSABLE LOOP POWERED SOUNDER BASE

General

The addressable sounder base is designed to be connected to analogue addressable Fire Alarm Systems. And these loop sounder base should be connected to the compatible control panel. The RE-678SO loop powered sounder base receives their power from analogue addressable communication loop (SLC) and it is controlled via addressable communication. The address of these device shall be set by 8-way DIP switch and different tones can be selected using 4-way DIP switch.

Features

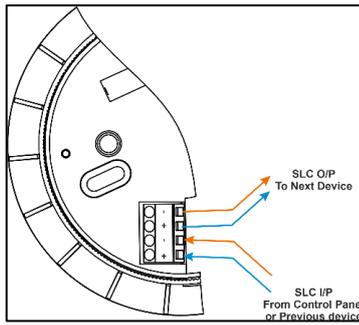
- Complies to UL464.
- Low Operating Current.
- All Tones are Synchronizable.
- The low frequency 520 Hz signal is unique, and is ideal for hotels, dormitories, and other sleeping occupancies.
- Addressing by 8-way DIP switch.
- 7 Different tone selection.
- Slim and sleek.
- Sounder volume low / high facility.



Specification

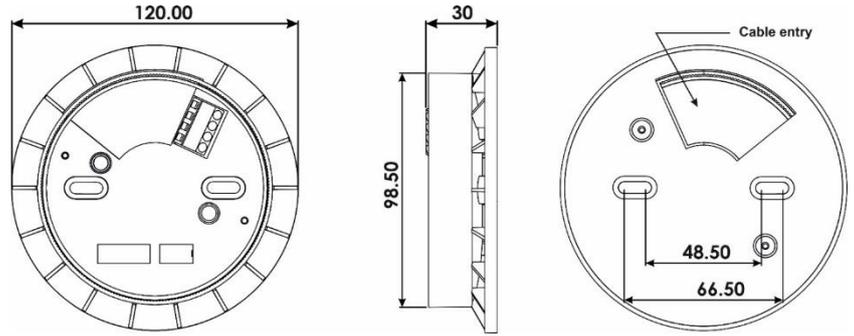
Electrical Specification	
<i>Operating Voltage</i>	17 ~ 32 VDC
<i>Alarm Current</i>	4 mA
<i>Standby Current</i>	0.8 mA
<i>Sound Level @24V</i>	80 db @ 3m
<i>Sound Element</i>	Piezo Electric Type
<i>Operating Temperature</i>	0 - 49° C / 32 - 120° F
<i>Storage Temperature</i>	0 - 60° C
<i>Humidity</i>	93 ± 2% RH (non-condensing)
<i>Material</i>	FR ABS
<i>Color</i>	White
<i>IP Rating</i>	IP 40
<i>Dimensions</i>	120 D x 45H
<i>Wire Size</i>	2.5Sqmm (12AWG) Max

Wiring Diagram



Connect the Loop Positive & Negative wires to SLC IN Terminal, observing the polarity. The wiring terminal accepts solid or stranded cables up to 2.5 mm².

Dimensions



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
<i>Aaral X4</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 4 Loop
<i>Aaral X8</i>	Analogue Addressable Fire Alarm Control Panel expandable upto 8 Loop

Ordering Information

Model	Description
RE-678SO	Addressable Loop Powered Sounder – ceiling mount

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