

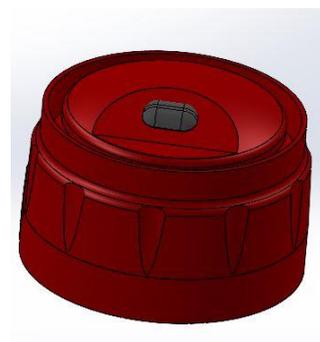
RE-658 Series

SOUNDER, STROBE & SOUNDER-STROBE: ADDRESSABLE

General

The addressable sounder-strobe, strobe & sounder is designed to be connected Fire Alarm Systems and these should be connected to the compatible control panel. The wall mount series are designed for indoor applications and provide audio and visual warning.

The Addressable loop powered Sounder, sounder-strobe & Strobe receives their power from SLC, and it is controlled via addressable communication.



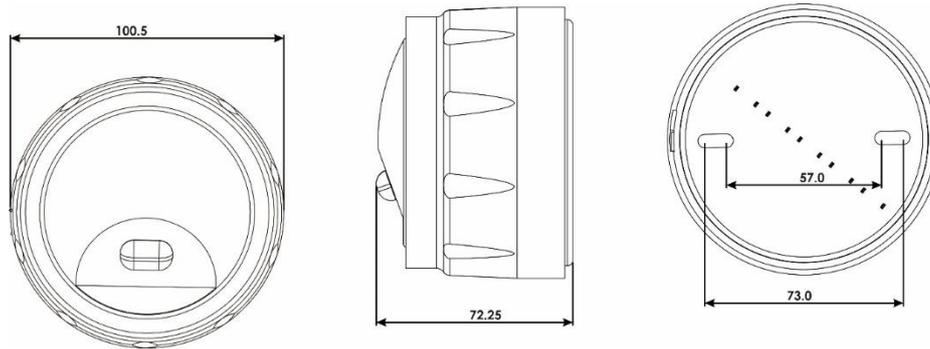
Features

- Complies to UL464.
- Addressing by 8-way DIP switch.
- Low Standby Current.
- Inbuilt isolator.
- All Tones are Synchronizable.
- Flash duration 20 ms.
- 7 Different tone selection by using DIP 6-way DIP switch.
- Candela Low and High can be selected using DIP switch.
- Sounder and strobe OFF facility.
- Tone High and Low possible using DIP switch.
- The low frequency 520 Hz signal is unique, and is ideal for hotels, dormitories, and other sleeping occupancies.

Specification

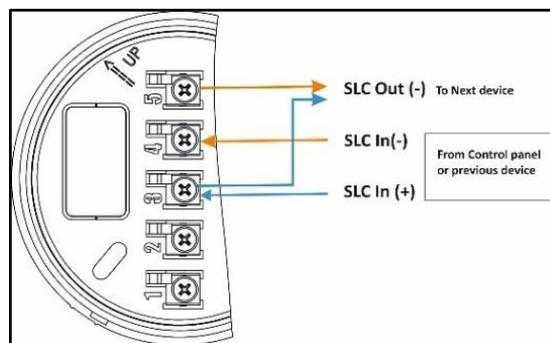
Electrical Specification	Addressable		
	RE-658SS	RE-658SO	RE-658ST
Operating Voltage	17 ~ 32VDC		
Alarm Current (SLC)	10mA	4mA	8mA
Standby Current (SLC)	0.8mA	0.8mA	0.8mA
Sound Level 3 meter @ 24V	75dB (L)	75dB (L)	-
	85dB (H)	85dB (H)	-
Sound Element	Piezo Electric		-
Tone	7 Different Tones		-
Lens Material	Clear Lens PC	-	Clear Lens PC
Candela Intensity	L – 15 cd	-	L – 15 cd
	H – 30 cd	-	H – 30 cd
Flash Frequency	1Hz	-	1Hz
Temperature Range	0 – 49°C / 32 – 120°F		
Storage Temperature	0 – 60°C		
Humidity	93 ± 2% RH (non-condensing)		
IP rating	IP 60		
Dimensions (mm)	100.5D x 72.25H		
Material	FR-ABS plastic		
Wire Size	2.5 Sq.mm (#12 AWG) Max.		
Colour	Red		

Dimensions



Wiring Configuration

The Addressable loop powered sounder-strobe, strobe & sounder receives their power from external 24-volt DC source, and it is controlled via addressable communication.



Tone Selection

DIP Switch						Tone	Description
6	5	4	3	2	1		
F	F	V	0	0	0	0	Sounder OFF
L	L	O	0	0	1	1	US Temporal 3 520Hz
A	A	L	0	1	0	2	US Temporal 3 970Hz
S	S	U	0	1	1	3	US Temporal 4 970Hz
H	H	M	1	0	0	4	US Temporal 4 520Hz
C		E	1	0	1	5	970Hz Continuous
D			1	1	0	6	800 to 970Hz 1sec BS Fire Tone @ 1 Hz
0 - H	0 - D	0 - L	1	1	1	7	Warble Tone 800Hz for 500ms, then 1000Hz for 500ms
1 - L	1 - E	1 - H					

Compatible Panels

Models	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

Models	Description	Wiring
RE-658SO	Addressable Loop Powered Sounder	2 Wire
RE-658SS	Addressable Loop Powered Sounder Strobe	2 Wire
RE-658ST	Addressable Loop Powered Strobe	2 Wire

India

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*Ravel reserve the right to change the specification without prior notice.

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