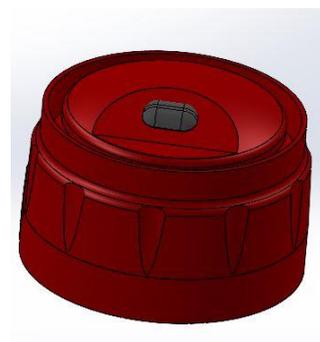# RE-657 Series

SOUNDER-STROBE, STROBE & SOUNDER : 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 RE-657 Series are addressable 4 wire Sounder, sounder-strobe & Strobe receives their power from external 24-volt DC source, and it is controlled via addressable communication.
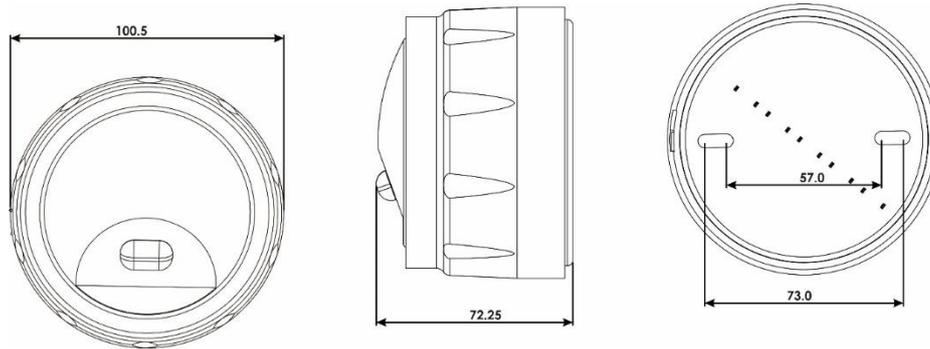
Features

- 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.
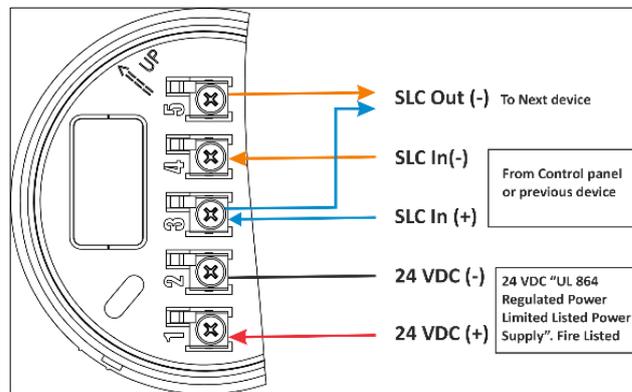
Specification

Electrical Specification	Addressable		
	RE-657SS	RE-657SO	RE-657ST
Operating Voltage	17 ~ 32VDC		
Alarm Current (SLC)	1mA	1mA	1mA
Standby Current (SLC)	1mA	1mA	1mA
External Supply Voltage	17 ~ 32VDC		
External Supply Current	17mA	9mA	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 H – 30 cd	-	L – 15 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 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 L A S H C D	F L A S H	V O L U M E	0	0	0	0	Sounder OFF
			0	0	1	1	US Temporal 3 520Hz
			0	1	0	2	US Temporal 3 970Hz
			0	1	1	3	US Temporal 4 970Hz
0 - H	0 - D	0 - L	1	0	0	4	US Temporal 4 520Hz
			1	0	1	5	970Hz Continuous
1 - L	1 - E	1 - H	1	1	0	6	800 to 970Hz 1sec BS Fire Tone @ 1 Hz
			1	1	1	7	Warble Tone 800Hz for 500ms, then 1000Hz for 500ms

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Compatible Panels

Models	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

Models	Description	Wiring
RE-657SO	Addressable Sounder	4 Wire
RE-657SS	Addressable Sounder Strobe	4 Wire
RE-657ST	Addressable Strobe	4 Wire

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