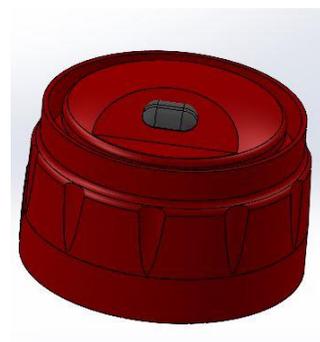# RE-600W Series

SOUNDER-STROBE & SOUNDER : WALL MOUNT

General

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

There are two types of sounder-strobes and sounder, addressable and conventional. Addressable sounder, sounder-strobe can be further classified as loop powered and 4- wire. Conventional sounder and sounder-strobe works when powered by 24 VDC.
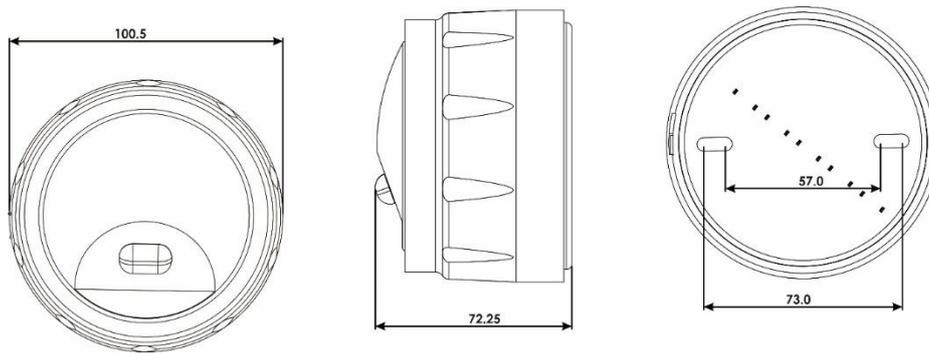
Features

- Complies to UL464 10th edition.
- Addressing by 8-way DIP switch.
- Low Standby Current.
- Inbuilt isolator.
- Synchronization facility.
- 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.

Specification

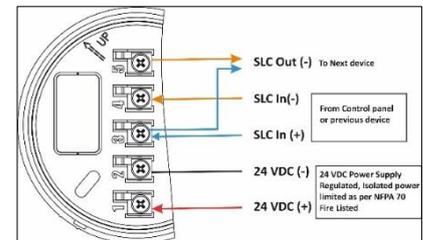| Electrical Specification	Addressable				Conventional	
	RE-657SS	RE-657SO	RE-658SS	RE-658SO	RE-616SS	RE-616SO
Operating Voltage	17 ~ 32VDC				Regulated 24VDC	
Alarm Current	2mA	2mA	10mA	4mA	17mA	9mA
Standby Current	0.5mA	0.5mA	0.8mA	0.8mA	0.5mA	0.5mA
External Supply Voltage	24V	24V	-	-	16-33V	16-33V
External Supply Current	17mA	9mA	-	-	-	-
Sound Level @ 1m	95dB	95dB	85dB	85dB	95dB	95dB
Sound Type	Piezo Electric					
Tone Type	7 Different Tones					
Lens Colour	Clear Lens	-	Clear Lens	-	Clear Lens	-
Flash Frequency	1Hz		1Hz		1Hz	-
Temperature Range	0 – 49° C / 32 – 120°F					
Storage Temperature	0 – 60° C					
Humidity	93 ± 2% RH (non-condensing) at 32 ± 2° C / 90 ± 3° F					
IP rating	IP 60					
Dimensions	100.5mm Dia x 72.25H					
Material	FR-ABS plastic					
Wire Size	2.5 Sq.mm (#14 AWG) Max.					
Colour	Red					

Dimensions
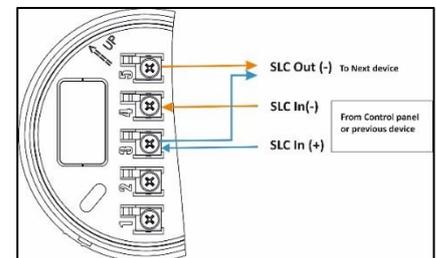

Wiring Configuration

RE-657SO / RE-657SS

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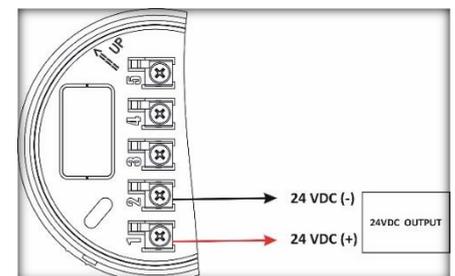

RE-658SO / RE-658SS

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

RE-616SO / RE-616SS

The **conventional** sounder-strobe & sounder receives their power from NAC terminal of Fire alarm control panel and once fire detected in the zone circuit then NAC output turns on this sounder-strobe & sounder.

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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 (Sync)
			0	1	0	2	US Temporal 3 970Hz (Sync)
			0	1	1	3	520Hz Continuous
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	Alternating Warble BS standard 800 /960Hz @ 2Hz
			1	1	1	7	Warble Tone 800Hz for 500ms, then 1000Hz for 500ms

Compatible Device

Models	Description
Avani X4	Analogue Addressable Fire Alarm Control panel expandable upto 4 loop
Avani X8	Analogue Addressable Fire Alarm Control panel expandable upto 8 loop

Ordering Information

Models	Description
RE-657SO	Addressable Sounder– 4 Wire
RE-657SS	Addressable Sounder Strobe – 4 Wire
RE-658SS	Loop Powered Sounder Strobe – 2 Wire
RE-658SO	Loop Powered Sounder– 2 Wire
RE-616SS	Conventional Sounder Strobe
RE-616SO	Conventional Sounder

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