RE-24ES
Loop Powered Sounder

Product Overview

The RE-24ES is an addressable loop sounder is designed to be connected to analogue addressable Fire Alarm Systems. And these loop powered sounder should be connected to the compatible control panel. The RE-24ES loop powered sounder base receives their power from analogue addressable communication loop and it is controlled via ravel protocol communication. The address of these device should be in the range of 128 to 147 addresses and it shall be set by programming tool or through the Panel. It can be flush / ceiling mounting with / without back box.
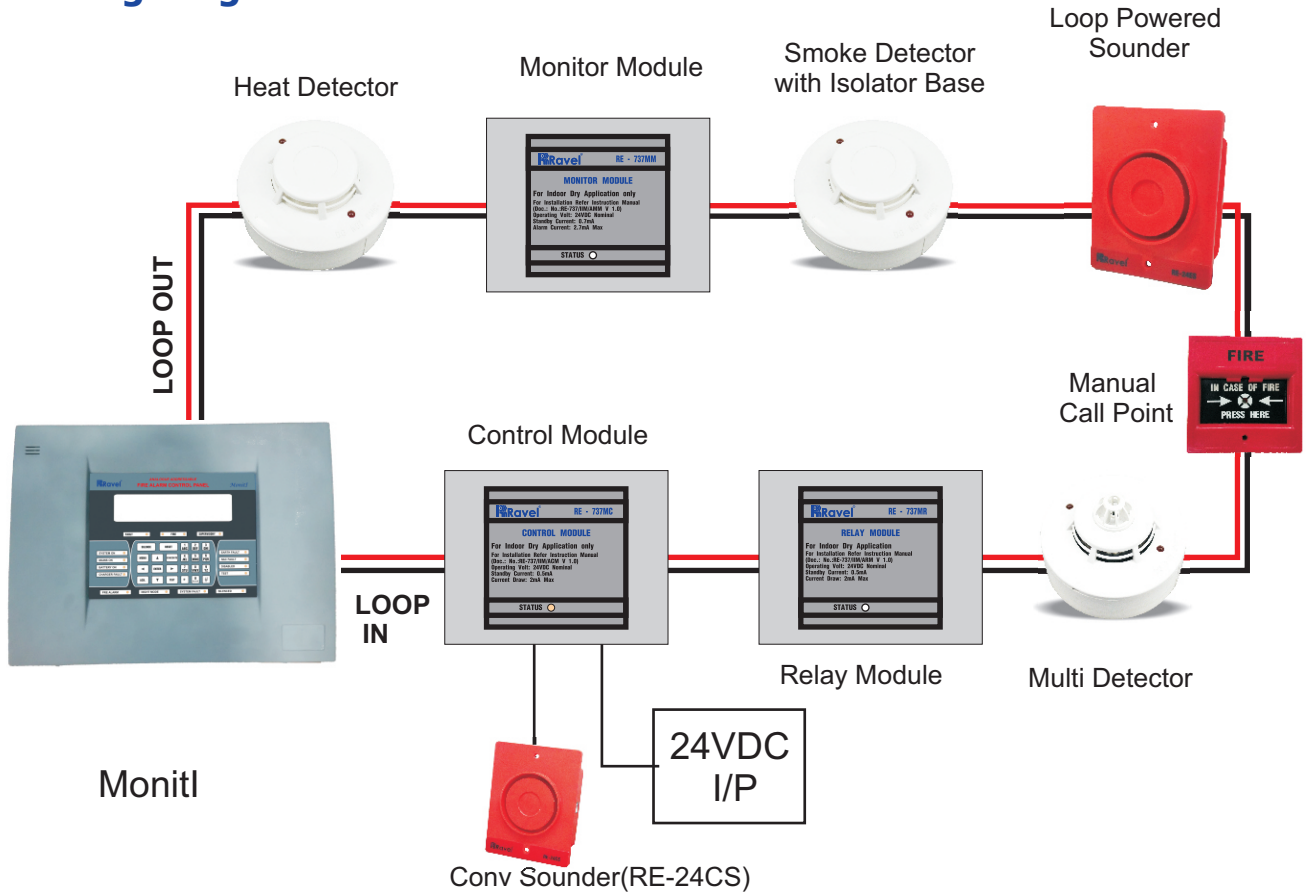
Features:

- Loop powered Sounder
- Addressing by soft addressing tool.
- Low Standby Current.
- Inbuilt Isolator.
- Slim and Sleek
- Wall or Ceiling mountable
- 8 Different tone selection using 4 way DIP switch
- Loop Powered Sounder with Back Box

Electrical Specification

Operating Voltage	:	17 ~ 28 VDC
Standby Current	:	0.5 mA
Loop Impedance	:	40 Ohms
Operating Current	:	8mA Max
Sound Level	:	85dB@1m
Sounder Type	:	Piezo Electric Type
Tone Type	:	8 Different Tone
Material	:	FR ABS Plastic
Colour	:	Red
Mounting Type	:	Surface / Flush Mount
Operating Temperature	:	0°C to 49°C / 32°- 120°F
Storage Temperature	:	0°C to 60°C
Relative Humidity	:	93 ± 2% RH (non-condensing) at 32 ±2° C / 90 ±3° F.
Dimensions	:	96 H mm X 76 L mm X 28 D mm

Wiring Diagram

Heat Detector — Monitor Module — Smoke Detector with Isolator Base — Loop Powered Sounder — Manual Call Point — Multi Detector — Relay Module — Control Module — Conv Sounder(RE-24CS) — 24VDC I/P — LOOP OUT — LOOP IN — MonitI

Tone Selection Chart

TONE	TONE DESCRIPTION
1	Dutch sweep tone @ 970 Hz continuous
2	Din Tone 1200Hz falling to 500Hz over 1 sec
3	French Fire Sound 554Hz for 100ms and 440Hz for 400ms
4	Alternative warble BS standard 800/960 Hz @ 2 Hz
5	US temporal pattern HF 2900 Hz for 0.5s on 0.5s off x 3 then 1.5s off
6	sweep 800-1000 hz @ 0.5 sec
7	siren high freq sweep 500-1000 in 0.5 sec
8	siren low freq sweep 500-1000 in 1.5 sec

Compatible Device

Model	Description
MonitI	Analogue Addressable FireAlarm Control Panel

Ordering Information:

Model	Description
RE-24ES	Addressable Loop Powered Sounder

*In the interest of improving quality and design, Ravel reserve the right to change the specification without prior notice.   RE-24ES / REV 00 / 2015-2016