Addressable
Sounder Beacon
Base

I-9406

Description

The I-9406 fully addressable Loop powered sounder beacon base, with its 16 different programmable tones, is so to install by simply plugging in to a standard GST detector base (DZ03) then the detector neatly clips in to the sounder base.

With a sound output of around 92dB this makes the ideal unit for Hotels, residential, commercial and retail applications. The unit has the option to be set so that should the detector activate the sounder strobe will also activate, making it ideal for early warning notification in sleeping areas.

As a primary use for evacuation up to 30 units can be installed per loop, But when used as early notification prior to voice evacuation, (voice alarm system) more than 100 units can be installed per loop.

Electronic addressing and selecting a tone can be done through Handhold Programming device (P-9910B), purchased separately.

Features and Benefits

- Loop powered no additional cabling required.
- Sound level 92dB/1m
- 16 programmable tones
- Early notification setting for sleeping areas
- Sandwich design
- Electronically addressed
- Ceiling mounted, easy plus installation
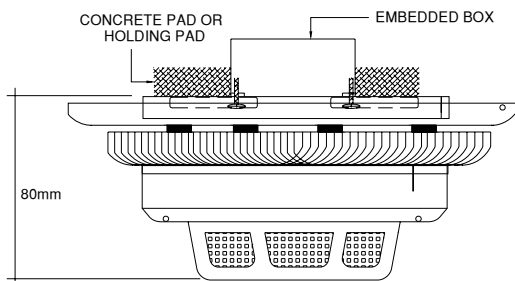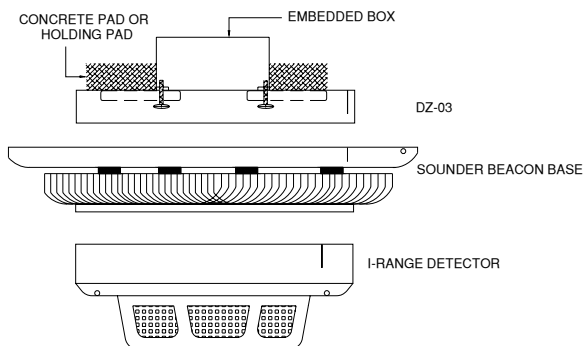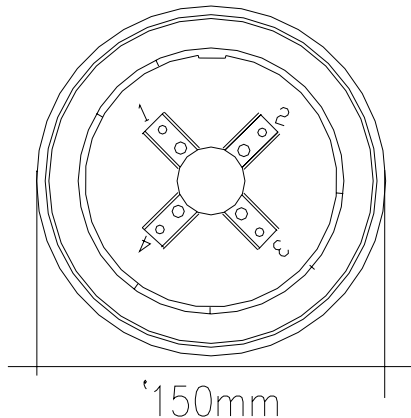
Technical Specifications

- Operating voltage: 24V(16-28Vdc)
- Operating Current: 6mA , standby:1mA
- Operating temperature: -10°C to +50°C
- Loop capacity: 30 pcs. p/loop
- Relative humidity: 95%
- Sound Output: Refers to the table
- Alarm Tone: 16 (refers to installation manual)
- Lens Colour: Clear
- Flash Colour: Red
- Protection Rating: IP21
- Application: Indoor use
- Material and colour: ABS, white (RAL 9016)
- Wiring: 1 pair polarized
- Compatible: I-range detector
- Address occupied :
  1-Evacuate selectable or
  2 (1st-Alert fixed tone & 2nd –Evacuate selectable tones)
- Dimensions
  Diameter 15cm;
  Height: 4.2cm
  (w/o cover), 8.5cm (w/ detector)

Parameter	Address	Type of fire alarm
I	Single address, occupying one loop point	Standalone. The beacon base gives alarm signal when started.
II	Dual addresses, sharing high address with detector	The beacon base gives pre-alarm signal when starting the higher address and alarm signal when starting the lower address.
III	Occupying dual addresses individually	The beacon base gives pre-alarm signal when starting the lower address and alarm signal when starting the higer address.

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Note: Specifications are subject to change without notice.
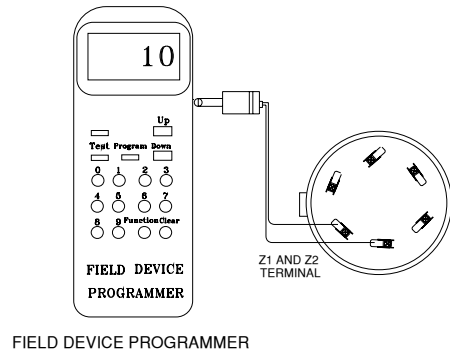
Sounder Installation

The sounder base should be installed in compliance with all local codes having a jurisdiction in your area or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code, BS 5389 and EN54. Surface mount and it is installed onto a standard one gang electrical box with a mounting hole that has 52mm~68mm spacing.

Physical layout

150mm

CONCRETE PAD OR HOLDING PAD — EMBEDDED BOX

DZ-03

SOUNDER BEACON BASE

I-RANGE DETECTOR

CONCRETE PAD OR HOLDING PAD — EMBEDDED BOX

80mm

Programming

The address of the sounder, sound level and device type can be programmed using GST handheld programmer (P-9910B), purchased separately. Connect the two wires of the handheld programmer to terminals 1 and 3 of the sounder base. It takes one or two addresses, program the first address then it will automatically programmed the next address.

10

Up
Test Program Down

FIELD DEVICE PROGRAMMER

Z1 AND Z2 TERMINAL

FIELD DEVICE PROGRAMMER

Selection of compatible Control Panels

Compatible with all GST Fire Alarms Panels GST 100, GST 200/2, GST 5000, GST IFP8.

Selection of compatible Detector
I-range detector.
(I-9101.I-9102,I-9103,1-9104)

Ordering Information

Part Number: I-9406
Description: Addressable Sounder Beacon Base
Weight / Kg.: 0.20
Pack Qty. per Box: 100

Accessories

Part Number: DZ-03
Description: Mounting Base
Weight / Kg.: 0.050
Pack Qty. per Box: 300

MANUFACTURED IN ACCORDANCE WITH

LPCB
LOSS PREVENTION CERTIFICATION BOARD
ISO9001 Ref NO.548

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