DI-9406
Addressable Flashing Beacon Base

Description

The DI-9406 addressable flashing beacon base has a built-in buzzer and LED, which can produce sound and light alert in case receiving command from FACP under of fire condition.

As a base mount type, the flashing beacon base can be easily inserted between the detector and its base without cabling. It will reduce the cost of installation and termination.
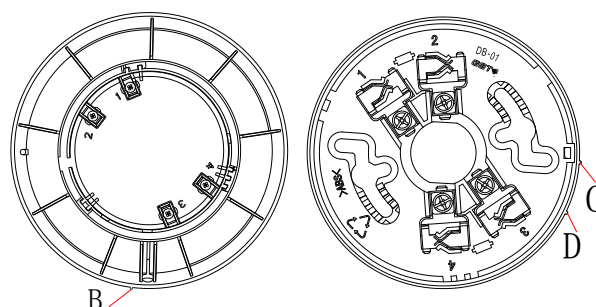
Features and Benefits

- With "sandwich" structure, it is easy to be installed between DB-01 base and a detector.
- Three working modes settable.
- 16 selectable tones.
- Electronically addressed. The address and tones can be modified in field.
- Tone 14 and 16 are certified by EN54-3.

Certificates and Compliance

- Standards: CE / CPD / EN54-3
- Certifications: LPCB
- BS5839-1 Compliant
- WEEE & RoHS Compliant

Terminals and Installation Holes

Below figure shows terminals of the flashing beacon base and relative standard base DB-01.

The flashing beacon base does not require cabling. It will share the termination of the detector.

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DS1114137-1

Note: Specifications are subject to change without notice.

Application

The flashing beacon base can be used under a normal detector or stand alone. A cover is provided.

The flashing beacon base has 3 working modes, with 16 tones under each mode. The default setting is tone 14 under mode I.

Working modes:

Mode	Address	Type of action
I	Single address individually	Follows start command from panel provides preset tone.
II	Dual addresses, sharing higher address with detector	The lower address follows start command from panel, provides preset tone. The higher address provides pre-alarm tone when relative detector alarms.
III	Dual addresses individually	Follows start command from panel. The lower address provides pre-alarm tone. The higher address provides the preset tone.

The tones:

Mode I	Mode II	Mode III	Tone	Sound Level (dB) @1m
1	17	33	970Hz	85
2	18	34	800Hz /970Hz @ 2Hz	88
3	19	35	800Hz-970Hz@1Hz	86
4	20	36	970Hz 1s on /1s off	86
5	21	37	970Hz, 0.5s/630Hz, 0.5s	86
6	22	38	500Hz -1200Hz, 3.5s on/0.5s off	85
7	23	39	2850Hz, 0.5s on/0.5s off×3/1.5s off	86
8	24	40	2850Hz 0.4s on/0.3s off	87
9	25	41	550Hz,0.7s/1000Hz,0.33s	92
10	26	42	1500Hz -2700Hz @3Hz	80
11	27	43	2400Hz	79
12	28	44	500Hz -1200Hz @0.33Hz	85
13	29	45	2400Hz-2900Hz @9Hz	84
14 *	30	46	2400Hz-2900Hz @3Hz	75
15	31	47	800Hz-970Hz@3Hz	86
16 *	32	48	500Hz-1200Hz,3.75s on /0.25s off	72
Pre-alarm			800Hz 1s on/1s off	80
* EN54 Compliant				

Technical Specification

Operating Voltage	24VDC
Standby Current	≤1mA
Operating Current	≤6mA
Working Mode	3 modes, 16 tones with pre-alarm tone
Flash indication	Bright red flash, frequency 1Hz
Programming	Electronically programmed, 1-242
IP Class	IP21C
Operating Temperature	-10°C ~ +50°C
Relative Humidity	≤95%, non condensing
Material of Enclosure	ABS
Dimension	152.4mm X 43mm (without cover)
Weight	About 234g

Ordering Information and Compatible Products

Part No.	DI-9406
Device Name	Addressable Sounder Base
Order Code	1114137
Compatible Panels	GST100 Intelligent Fire Panel
	GST200 Intelligent Fire Panel
	GST200-2 Intelligent Fire Panel
	GST200N Intelligent Fire Panel
	GST-IFP8 Intelligent Fire Panel
	GST5000W Intelligent Fire Panel
	GST5000R Intelligent Fire Panel
Compatible Detectors	DI series digital detectors (DB-01 base)

Accessories and Tools

Part No.: P-9910B
Device name: Handhold Programmer
Order Code: 1274894

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Page 2 / 2

DS1114137-1
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