NOTIFIER® by Honeywell

Intelligent Sounder Beacon Base

Visual Alarm Devices (VAD)



General

NOTIFIER's NFX VAD-Series AS ISO 7240.23 Detector Base Sounder Beacon is a high quality loop powered device intended to alert building occupants of a potential fire. Approved to meet AS ISO 7240.23, the standard for Visual Alarm Devices, it utilizes the B501AP base and integrates seamlessly with intelligent detectors. When triggered by the fire panel, its powerful sounder and intense beacon give a visible and audible warning. A choice of sound output levels and tones make the device suitable for a wide variety of applications.

Features

Excellent System Performance

- High output LED technology ensures optimum light output and low power requirements
- High efficiency piezo disk and horn profile generate powerful sound output
- Automatic synchronization of sounder and strobe

Quality & Reliability

- Independently approved to all required standards:
  - Product performance: Approved to AS ISO 7240.3 and AS ISO 7240.23
  - Environmental: RoHS, WEEE

Reduced Install Error & Easy Diagnosis

- Simple twist fit onto B501AP base (positive "poke yoke" engagement)
- Anti-tamper feature
- In-built loop isolator
- Address tag for clear indication

Simple, Fast, Flexible Installation

- Large cable access
- Rear or surface cable entry
- Loop continuity spring

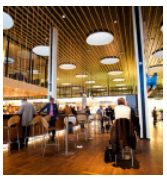
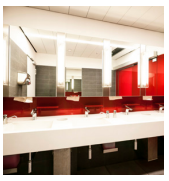
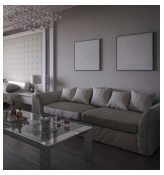
Flexible Cost Effective System Design

- Single point of installation – saves time, cost & inventory
- Low current draw enables more devices on loop
- Adjustable volume control (on device or from panel)
- Rotary wheels for clear address indication

Reduced Inventory Count

- Device protocol is backward compatible through CLIP Protocol
- Global 32 tone set (selectable from device or from panel)

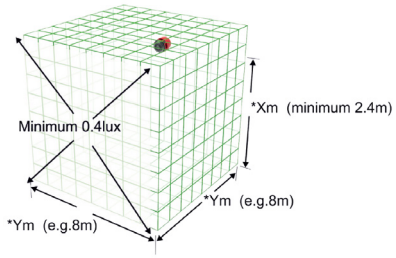
Applications

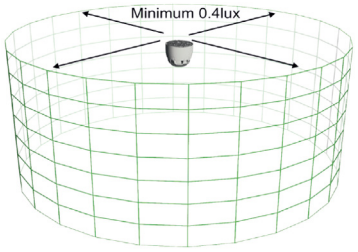






The Requirements of AS ISO 7240.23

A Cube or cylinder of light with a minimum of 0.4 lumens/m^2

* X & Y dimensons are defined by the device manufacturer





Technical Overview

NOTIFIER's AS ISO 7240.23 approved Detector Base Sounder Beacon provides the perfect base for NOTIFIER detectors and integrates a 32 tone sounder and high quality strobe into one device. It is powered by the fire panel via the loop wiring. Operation and control of the device is via CLIP Protocol. The device is installed simply by a twist fit onto the B501AP base.

Approved to AS ISO 7240.3, AS ISO 7240.23 O Category

Specifications

Electrical Specification

SUPPLY VOLTAGE	15 to 29 VDC (Isolation)
STANDBY CURRENT	450 µA maximum
CURRENT CONSUMPTION SOUNDER AND BEACON	10 mA (High Volume Tone 13 @ 24V)
SOUND OUTPUT	96dB (A) ±3dB @ 1metre (High Volume, Tone 13 @ 24V)
BEACON FLASH RATE	1 Hz
MAXIMUM DEVICES PER LOOP	99

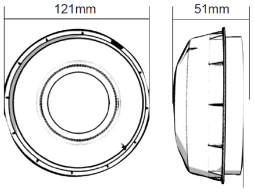
Environmental Specifications

OPERATING TEMPERATURE	-25 °C to +70 °C
RELATIVE HUMIDITY	93% ±3% non condensing
INGRESS PROTECTION	IP21C (with low profile B501AP base)

Mechanial Specifications

BODY COLOUR	Pure White
LENS COLOUR	Clear
FLASH COLOUR	Red
WEIGHT NET/ GROSS	199g/ 229g
CABLE TERMINAL SIZE	0.5-2.5 mm ^{2} max
NUMBER OF TONES	32
VOLUME SETTING	High, Medium, Low
MOUNTING OPTIONS	Low profile

Wiring and Dimension



Ordering

DSS-PC-I02	Notifier CLIP pure white Sounder Beacon Base, red flash, clear lens, with Isolator
B501-AP	AV-device base, pure white for Intelligent range
WPW	Waterproof AV-device base, pure white for Intelligent range

Agency Listings and Approvals

The listings and approvals below apply to the devices specified in this document. In some cases, certain devices or applications may not be listed by certain approval agencies, or listing may be in process. Consult NOTIFIER for latest listing status.

- AS ISO 7240.3:2014
- AS ISO 7240.23:2014 O Category; SAI Global certificate # SMK40640-4

This document is not intended for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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Certified Product Australian Standard

BSI ISO9001 FS 520324 ENGINEERING & MANUFACTURING QUALITY SYSTEMS