NOTIFIER® by Honeywell

Intelligent Sounder Beacons

Visual Alarm Devices (VAD)



General

NOTIFIER's NFX VAD-series wall mount sounder beacon is a high quality loop powered device designed to alert building occupants of an emergency. It utilises the B501AP base for improved installation flexibility. When triggered by the fire panel its powerful sounder and intense beacon give a visible and audible warning. A choice of output levels and tones make the device suitable for a wide variety of applications.

Features

Excellent System Performance

- High efficiency piezo disk and horn profile generate excellent sound output
- High output LED technology and superior lens design optimize light output

Faster Installation

- Large cable access
- Rear or surface cable entry
- Loop continuity spring
- Automatic synchronisation of sounder and beacon

Reduced Install Error & Easy Fault Finding

- Positive "poke yoke" engagement
- Address tag for clear indication
- Anti-tamper feature
- In-built loop isolator
- Simple familiar rotary wheel address controls

Flexible Installation

- Low current draw enables more devices on loop
- Adjustable volume control (on device or from panel)
- Intense beacon output
- Deep and high IP base options
- A variety of body and lens colours

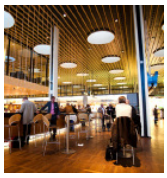
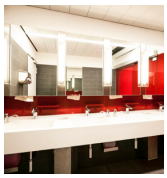
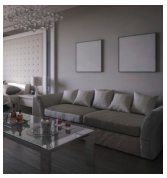
Reduced Full Life Costs

- High quality robust materials for longer life
- UV stable materials
- Robust construction for added impact resistance

Reduced Inventory Count

- CLIP Protocol
- Global 32 tone set (selectable from device or from panel)

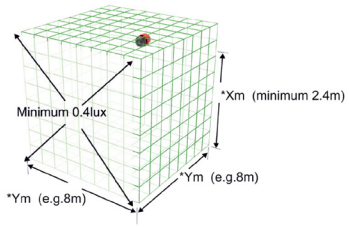
Applications

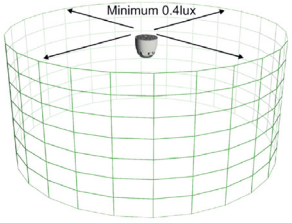






The Requirements of AS ISO 7240.23

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 Wall Mount sounder beacon integrates a 32 tone sounder and high quality beacon into one device. It is powered by the fire panel via the loop wiring. Control of the device is enabled using on-board switches. The device is installed simply by a twist fit onto the B501AP base.

- Approved to AS ISO 7240.3
- Approved to AS ISO 7240.23 as an Open Class

Specifications

Electrical Specification

SUPPLY VOLTAGE	15 - 29 VDC (Isolation)
STANDBY CURRENT	120 µA (Non-Isolation) 225 µA (Isolation)
MAXIMUM CURRENT CONSUMPTION SOUNDER AND BEACON	14.5 mA (High Volume Tone 11 @15V)
MAXIMUM SOUND OUTPUT	97dB(A) +/-3dB @1metre (High Volume, Tone 8 @24V) [Tone Dependant - Figure stated is based on high volume 970Hz continuous @24VDC]
BEACON FLASH RATE	1 Hz
MAXIMUM DEVICES PER LOOP	50

Environmental Specifications

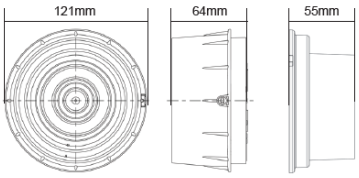
OPERATING TEMPERATURE	-25 °C to +70 °C
RELATIVE HUMIDITY	Up to 95% non condensing
INGRESS PROTECTION	IP21C (with low profile base) IP44 (with surface mount base) IP65 (Waterproof base)

Mechanial Specifications

BODY COLOUR	Pure White
LENS COLOUR	Clear*
FLASH COLOUR	Red
WEIGHT NET/ GROSS	238 g
CABLE TERMINAL SIZE	0.5-2.5 mm ^{2} max
NUMBER OF TONES	32
VOLUME SETTING	High, Medium, Low
MOUNTING OPTIONS	Low Profile, Surface or High IP

* Alternate lens colours might be available on demand, only devices with clear lens colour are approved to AS ISO 7240.23.

Wiring and Dimension



Ordering

WSS-PC-I02	Notifier CLIP pure white Sounder Beacon 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; 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