

Fire detection and evacuation solutions that save lives.

Intelligent Open-Area Sounder Beacon

Features

- Synchronisation of Beacon Flash Rate and Tones
- Individual and Group Addressing
- Two Volume Settings
- Three Tone Settings complying to AS1670.4, NZS4512 and EN54-3
- Loop Powered
- Self Test Fault Monitoring
- Red and White/Clear options
- IP65 Rated option

Description

The The Intelligent Open Area Sounder Beacon is a loop powered, wall mounted device which can be connected to the FireFinder and LoopSense range of Fire Detection panels.

The Sounder Beacon is designed to fit to a common mounting base incorporating a simple twist and click insertion method which avoids wiring and connection problems.

A nominal sound output of 100dB is achieved at a current consumption 8mA. The beacon is activated whenever the sounder is active and cannot be controlled separately.

The acoustic self test feature enables the sounder to listen to itself when switched on and if no sound is detected, a fault signal will be transmitted to the control panel. The beacon self test is achieved by means of an LED monitoring circuit. If the LEDs do not draw current when the device has been switched on by the control panel a fault signal will be reported. A yellow Fault LED will also be illuminated when a detection loop short circuit is detected.

The Sounder Beacon offers the choice of selecting three different tones, Australian (AS1670-4), New Zealand (NZS4512) and Europe (EN54-3) and incorporates synchronisation of continuous and pulsed tones. This ensures the integrity of the alert signals – tones from different sounders do not merge into one signal that could be mistaken for an Evacuate signal.

The FireFinder and LoopSense range of Fire Detection panels will be able to drive up to 15 sounder beacons. The maximum number of devices that may be connected to a particular loop can be accurately calculated using the Loop Calculator.



Intelligent Sounder Beacon

Specifications

Operating voltage	17 to 28 VDC
Quiescent current	333µA at 24V DC
Operating current	8mA at 24V DC
Flash rate	Selectable (temporal and 1Hz)
Sounder O/P Level	Selectable (92dB and 100dB) ±3dB
Dimensions	97.5mm Dia x 104mm H
Operating temp	-10°C to +55°C (no icing)
Relative humidity.	0 to 95% (non condensing)
IP rating	IP65 (weatherproof)
Weight	260 grams

Item Numbers

Australia	
205-0102	Open-Area Sounder Beacon Red
205-0103	Open-Area Sounder Beacon White/Clear
International	
55000-007AMP	Open-Area Sounder Beacon Red
55000-008AMP	Open-Area Sounder Beacon White/Clear