

Sounder Beacon



CWSB980 - Wireless Sounder Beacon

Overview

The wireless sounder beacon (CWSB980) is designed to comply with EN54 Pt25 & Pt7.

The (CWSB980) is compatible with the Cooper wireless fire system.

The high efficiency design of this wireless sounder beacon offers excellent sound output levels, whilst also including a high powered LED beacon to provide both audible and visual alarm signals.

This unit is designed for wall mounting, and has a choice of different tones and volume levels.

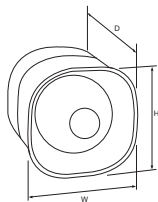
Features

- 3 x Standard AA batteries
- Anti tamper protection
- Concealed antennas
- Combined sounder beacon
- 4 selectable tones controlled by the panel
- 3 adjustable volume controlled by the panel

Benefits

- Long battery life
- Eliminates cabling difficulties
- Minimise disruption
- Helps preserve building aesthetics

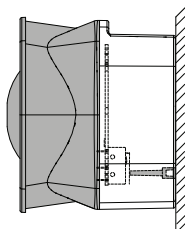
Dimensions



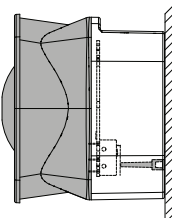
Dia (mm) 105 D (mm) 91

Anti-Tamper System

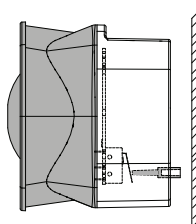
COMPRESSED TO WALL TO SET =



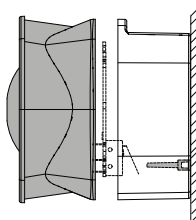
COMPRESSED TO WALL TO SET =



UNIT REMOVED FROM WALL =



FRONT REMOVED FROM BACK BOX =



Technical Specification

Code	CWSB980
Description	Wireless Sounder Beacon
Standards	EN45 Pt25 components using wireless links EN45 Pt3 sounder
Description	
Batteries	3 x AA Lithium (4.5 V) 3000 mAh (min)
Wireless Frequency	868 MHz
Tones	970 Hz. steady (BS fire tone) - dB(A) min 70, med 90, high 100 800 - 970 Hz. 3.5s sweep, 0.5s silence, then repeat (Dutch fire tone) - dB(A) min 70, med 90, high 100 660 - 880 Hz. 2 Hz (250ms -250ms) (BS fire tone) - dB(A) min 70, med 90, high 100
Environmental	
Operating Temperature	-10°C to +55°C
Humidity (Non Condensing)	0 to 95% RH
Physical	
Construction	PC/ABS
Colour	Red
Lens Colour	Red
Dimensions (Dia x D)	105mm x 91mm
Weight	0.3kg
Ingress Protection	IP21C
Compatibility	
Suitable for use with	Cooper Wireless Fire Systems

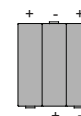
Batteries

While wireless control panels and boosters operate from a battery backed mains supply (which is designed to comply with the latest EN54 Pt4) the true economy and reliability of the wireless fire system is highly dependant on the cost and availability of the batteries used in the various field devices.

The wireless system incorporates a number of innovative design features that enables battery life in excess of 3 years, from readily available, across the counter, standard AA cells. Battery monitoring functions ensure that early warning of any low battery conditions is signalled and can therefore be co-ordinated with normal maintenance procedures.

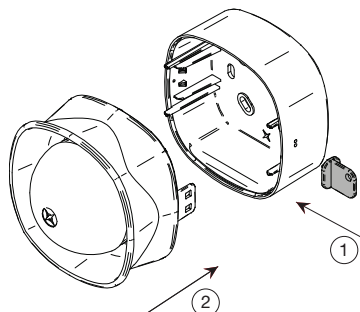
Battery replacement is therefore both economic and simple.

Battery Layout



Specified Battery
Energizer L91 ultimate lithium

Installation Diagram



Installation Instructions

1. First fix base is fixed to the mounting surface using 2 fixing holes.
2. Main body is then clipped into position on mounting base, body locks into position when pressed home.

System Functionality

1. Volume is set by control panel, no need to access sounder to alter setting.
2. Tone is set by control panel, no need to access sounder to alter setting.

Product Codes

Code	Description
CWSB980	Wireless Sounder Beacon

Descriptions represent only particulars of the goods to which they apply and do not form part of any contract. The company reserves the right to change specification without prior notification or public announcement.