COOPER Safety
Fire Systems

EN54

Wall Sounder Beacons MASB860 and MASB860WP

MASB860WP weatherproof wall sounder beacon

MASB860 internal wall sounder beacon

internal base

weatherproof base

Overview

The Menvier intelligent addressable wall sounder beacon has been developed specifically to operate with the latest generation of Menvier intelligent addressable control panels.

The high efficiency design offers excellent sound output levels despite the low current consumption. Whilst also includes a high powered LED beacon to provide both audible and visual alarm signals.

MASB860
The Menvier MASB860 is designed for wall mounting, has a choice of different tones and volume levels, a built in short circuit isolator and is soft addressed for ease of installation.

MASB860WP
The Menvier MASB860WP is IP66 rated so suitable for external and wash down areas, it designed for wall mounting, has a choice of different tones and volume levels, a built in short circuit isolator and is soft addressed for ease of installation.

Features

MASB860
- Loop powered
- Combined sounder beacon
- High efficiency design
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel

MASB860WP
- Weatherproof version (IP66)
- Loop powered
- Combined sounder beacon
- High efficiency design
- Selectable tones controlled by the panel
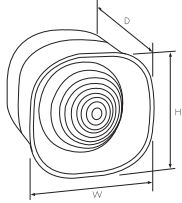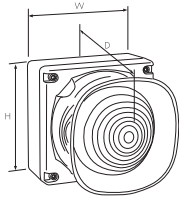- Adjustable volume controlled by the panel

Benefits

- Low current
- High efficency audio / visual unit suitable for DDA compliance

MENVIER

Dimensions

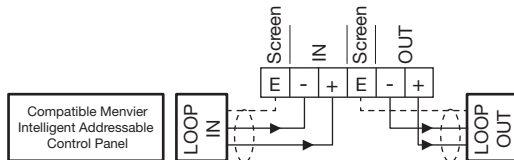Internal
wall sounder beacon

Weatherproof
wall sounder beacon

Description	H (mm)	W (mm)	D (mm)
Internal	105	105	95
Weatherproof	108	108	103

Technical Specification

Code	MASB860	MASB860WP
Description	Internal wall sounder beacon	Weatherproof wall sounder beacon
Standards	EN54 Pt3	EN54 Pt3
Specification		
Operating Voltage	17V dc to 32V dc	17V dc to 32V dc
Standby Current	< 320µA	< 320µA
Tones (set by panel)	Continuous: 984Hz	Continuous: 984Hz
	Pulsed: 984Hz / 0Hz pulse 1Hz	Pulsed: 984Hz / 0Hz pulse 1Hz
	Two tone: 644 / 984Hz @ 1Hz cycle	Two tone: 644 / 984Hz @ 1Hz cycle
	Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap	Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap
Sound Output @ +/-3dB	Low volume: 92dB at <6.5mA	Low volume: 92dB at <6.5mA
(set by panel)	Medium volume: 97dB at <7.5mA	Medium volume: 97dB at <7.5mA
	High volume: 100dB @ <8.5mA	High volume: 100dB @ <8.5mA
Flash Energy	1Hz	1Hz
Environmental		
Operating Temperature	-10°C to +55°C	-10°C to +55°C
Humidity (Non Condensing)	0 to 95% RH	0 to 95% RH
Physical		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Lens Colour	Red	Red
Dimensions (H x W x D)	105mm x 105mm x 95mm	108mm x 108mm x 103mm
Weight	0.21kg	0.32kg
Ingress Protection	IP42	IP66
Cable Entry	Rear/side	Rear/side
Cable Size / Type	0.5mm to 2.5mm/ FIRETUF, FP200 or MICC	0.5mm to 2.5mm/ FIRETUF, FP200 or MICC
Compatibility		
Suitable for use with	Menvier intelligent addressable fire systems	Menvier intelligent addressable fire systems

Standard Connection

MASB860 / MASB860WP

WARNING:
Do NOT use high voltage testers if ANY equipment is connected to the system.

Screen (Earth) must be continuous along entire length of loop.

Installation

MASB860
1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface using 2 fixing holes.
3. Cable entry can be rear or side.
4. Connections are to connector block on main. sounder body.
5. Main body is then clipped into position on mounting base, body locks into position when pressed home.

MASB860WP
1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface using 2 fixing holes.
3. Cable entry can be rear or side.
4. Connections are to connector block on main sounder body.
5. Main body is then fastened onto base, using 4 allen head screws (supplied).

System Functionality

MASB860 / MASB860WP
1. Volume is set by fire control panel, no need to access sounder to alter setting.
2. Tone is set by fire control panel, no need to access sounder to alter setting.

Product Codes

Code	Description
MASB860	Intelligent addressable internal wall sounder beacon
MASB860WP	Intelligent addressable weatherproof wall sounder beacon