

Wall Sounders MAS850LPS and MAS850LPSWP



MAS850LPSWP weatherproof wall sounder



MAS850LPS internal wall sounder



internal base



weatherproof base

Overview

The Menvier intelligent addressable wall sounder has been developed specifically to operate with Menvier intelligent addressable control panels.

The high efficiency design of these wall sounders offer excellent sound output levels despite the low current consumption.

MAS850LPS

The Menvier MAS850LPS 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.

MAS850LPSWP

The Menvier MAS850LPSWP is IP66 rated so suitable for external and wash down areas, it 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.

Features

MAS850LPS

- Loop powered
- High efficiency design
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel
- Simple clip fixing assembly

MAS850LPSWP

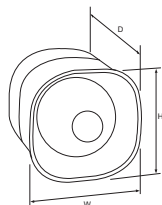
- Weatherproof version (IP66)
- Loop powered
- High efficiency design
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel
- Simple clip fixing assembly

Benefits

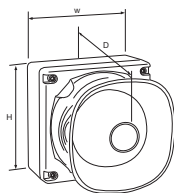
- Low current consumption
- First fix back box
- Built in short circuit isolators

Intelligent Addressable Wall Sounders - MAS850LPS and MAS850LPSWP

Dimensions



Internal wall sounder



Weatherproof wall sounder

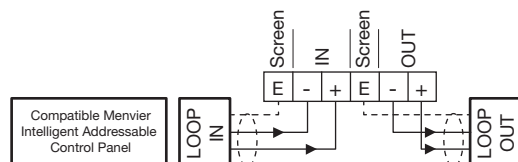
Description	H (mm)	W (mm)	D (mm)
Internal	105	105	95
Weatherproof	108	108	103

Technical Specification

Code	MAS850LPS	MAS850LPSWP
Description	Internal wall sounder	Weatherproof wall sounder
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 Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz @ 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap	Continuous: 984Hz Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz @ 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap
Sound Output @ +/-3dB (set by panel)	Low volume : 87dB at <2mA Medium volume : 93dB at <3mA High volume: 100dB @ <6mA	Low volume : 87dB at <2mA Medium volume : 93dB at <3mA High volume: 100dB @ <6mA
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
Dimensions (H x W x D)	105mm x 105mm x 95mm	108mm x 108mm x 103mm
Weight	0.25kg	0.57kg
Ingress Protection	IP42	IP66
Cable Entry	Rear/side	Rear/side
Compatibility		
Suitable for use with	Menvier intelligent addressable fire systems	Menvier intelligent addressable fire systems

Standard Connection

MAS850LPS / MAS850LPSWP



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

MAS850LPS

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.

MAS850LPSWP

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

MAS850LPS / MAS850LPSWP

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
MAS850LPS	Intelligent addressable internal wall sounder
MAS850LPSWP	Intelligent addressable weatherproof wall sounder