

# FXN539LPS/FXN539LPSWP

## Wall sounder beacons



Two versions of the intelligent addressable wall sounder beacon are available in this range the internal (FXN539LPS) and the weatherproof (FXN539LPSWP).

Both the (FXN539LPS) and the (FXN539LPSWP) are compatible with the JSB range of intelligent addressable fire systems.

The high efficiency design of these intelligent addressable wall sounder beacons offer excellent sound output levels despite the low current consumption. Whilst also including a high powered LED beacon to provide both audible and visual alarm signals.

### FXN539LPS

This device 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.

### FXN539LPSWP

This device 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

- Loop powered
- Soft addressed
- Integral short circuit Isolator
- High efficiency design
- High output LED beacon
- Simple clip fixing assembly
- Two models available:
  - Internal
  - Weatherproof

### Benefits

- Quick and simple to install
- High efficiency audio/visual unit
- Low current consumption
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel
- First fix back box
- IP65 version available
- Easy to maintain/service

## Technical Specification

Code	CASB383	CASB383WP
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 Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz at 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap	Continuous: 984Hz Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz at 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap
Sound Output at +/-3dB (set by panel)	Low volume: 92dB at < 6.5mA Medium volume: 97dB at < 7.5mA High volume: 100dB at < 8.5mA	Low volume: 92dB at < 6.5mA Medium volume: 97dB at < 7.5mA High volume: 100dB at < 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	JSB intelligent Addressable Fire Systems	JSB Intelligent Addressable Fire Systems

## Installation

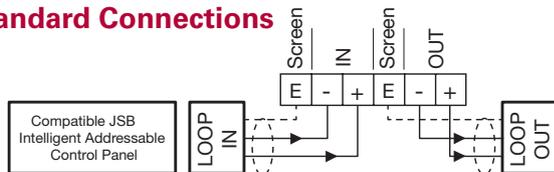
### FXN539LPS

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.

### FXN539LPSWP

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).

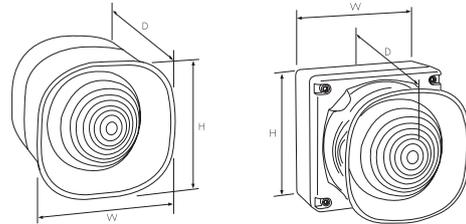
## Standard Connections



**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.

## Dimensions



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

## System Functionality

### FXN539LPS / FXN539LPSWP

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.

## Catalogue numbers

Description	Code
Internal Wall Sounder Beacon	FXN539LPS
Weatherproof Wall Sounder Beacon	FXN539LPSWP