

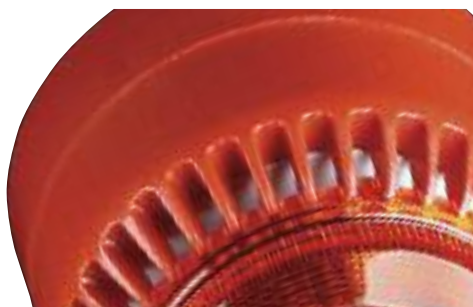
LED Sounder Beacon MSB124SB and MSB124DB



MSB124DB weatherproof LED sounder beacon



MSB124SB low profile LED sounder beacon



low profile base



weatherproof base

Overview

This range of Menvier LED sounder beacons is available to complement purely audible alarms for use in areas either where people may be present who have impaired hearing or areas with high ambient noise levels.

LED technology offers a greatly reduced current consumption compared to xenon types making them ideal for use with fire panels with restricted sounder circuit current capacity.

MSB124SB

The MSB124SB low profile LED sounder beacon features a low current LED light source and adjustable volume control. Choice of tones can be selected via the DIP switch. With predrilled fixing and cable entry holes it is simple to install.

MSB124DB

The MSB124DB weatherproof LED sounder beacon is IP65 rated and features a low current LED light source and adjustable volume control.

Features

MSB124SB

- Unobtrusive low profile design
- Low current LED beacon
- Sounder and beacon with a single installation point
- Pre-drilled fixing and cable entry holes
- 32 selectable tones

MSB124DB

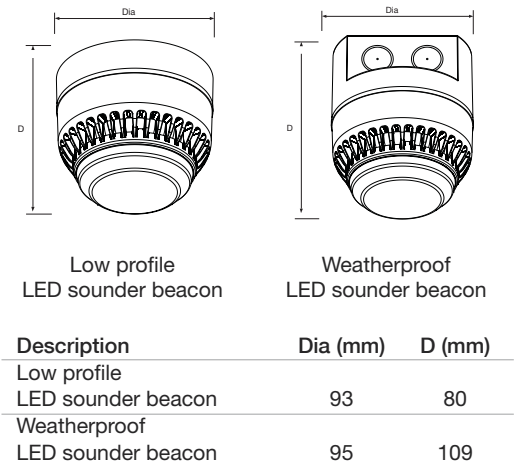
- Weatherproof version (IP65)
- Low current LED beacon
- Sounder and beacon with a single installation point
- Choice of cable entry positions
- 32 selectable tones

Benefits

- Low power requirement
- Adjustable sounder volume
- Selectable tones

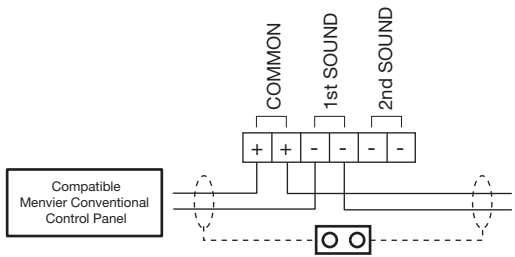
Conventional LED Sounder Beacon - MSB124SB and MSB124DB

Dimensions



Standard Connection

MSB124SB / MSB124DB



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

Screen (Earth) must be continuous along entire length of cable

NOTE:
Diagram shown with 1st sound connected, if 2nd sound is required connect both negative in and negative out to the second sound terminal.

Technical Specification

Code	MSB124SB	MSB124DB
Description	Low profile LED sounder beacon	Weatherproof LED sounder beacon
Standards	EN54 Pt3	EN54 Pt3
Specification		
Operating Voltage	9V dc to 28V dc	9V dc to 28V dc
Current Consumption	20mA at tone 3	20mA at tone 3
Operation	Continuous	Continuous
Flash Frequency	60 per minute	60 per minute
Sound Output	102dB(a) max at 24V dc	102dB(a) max at 24V dc
Number of Tones	32	32
Light Output	>0.5cd	>0.5cd
Environmental		
Operating Temperature	-10°C to +55°C	-10°C to +55°C
Humidity (Non Condensing)	0 to 93% RH	0 to 93% RH
Physical		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Lens Colour	Red	Red
Dimensions (Dia x D)	93mm x 80mm	95mm x 109mm
Weight	0.25kg	0.3kg
Ingress Protection	IP54	IP65
Cable Entry	Rear	Rear/side
Compatibility		
Suitable for use with	Menvier conventional fire systems	Menvier conventional fire systems

Installation

MSB124SB

1. Supplied with simple to install first fix mounting base.
2. Fixing and cable entry holes are pre-drilled.
3. Cable entry is from rear.
4. Connections are to main beacon body.
5. Separate alarm line in / out terminals are provided.
6. Main body is pushed into sounder base and then twisted to lock into place.
7. Supply is common for sounder and beacon

MSB124DB

1. Cable entry is from rear or side.
2. Connections are to main beacon body.
3. Separate alarm line in / out terminals are provided.
4. Main body is pushed into base and then twisted to lock into place.
5. Supply is common for sounder and beacon

Interface Options

MSB124SB / MSB124DB

1. Operates from nominal 24V dc supply and can be connected to any suitably rated conventional sounder circuit.

Product Codes

Code	Description
MSB124SB	Conventional low profile LED sounder beacon
MSB124DB	Conventional weatherproof LED sounder beacon

Eaton's Fire Systems business

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