

Xenon Sounder Beacons MCD524SB and MCD524DB



MCD524DB weatherproof xenon sounder beacon



MCD524SB low profile xenon sounder beacon



low profile base



weatherproof base

Overview

This range of Menvier xenon 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.

The key benefit of these devices is that an audible and a visual alarm are combined together and require only a single installation point. This greatly reduces installation time and cost and is much less obtrusive than 2 separate devices. Xenon beacons have a high light output to maximise the attention attracting potential of the device.

MCD524SB

The MCD524SB low profile xenon sounder beacon features a high performance light source and adjustable volume control. Due to predrilled fixing and cable entry holes it is simple to install.

MCD524DB

The MCD524DB weatherproof xenon sounder beacon is IP65 rated and features a high performance light source and adjustable volume control.

Lower power LED variants are also available which offer a lower current consumption but have a consequently lower light output than traditional xenon types (MSB124SB and MSB124DB LED sounder beacons).

Features

MCD524SB

- Unobtrusive low profile design
- High output xenon beacon
- Pre drilled cable entries
- Sounder and beacon with a single installation point
- 32 selectable tones

MCD524DB

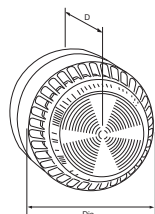
- Weatherproof version (IP65)
- High output xenon beacon
- Side entry surface cables
- Sounder and beacon with a single installation point
- 32 selectable tones

Benefits

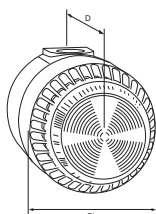
- Combined audio / visual unit
- Single installation point

Conventional Xenon Sounder Beacons - MCD524SB and MCD524DB

Dimensions



Low profile
xenon sounder beacon



Weatherproof
xenon sounder beacon

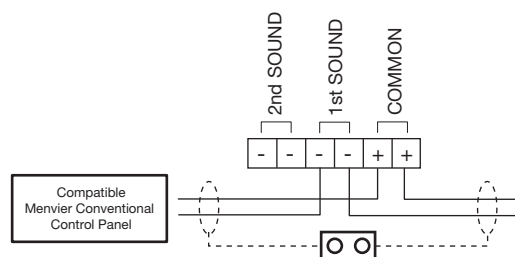
Description	Dia (mm)	D (mm)
Low profile xenon sounder beacon	93	92
Weatherproof xenon sounder beacon	93	121

Technical Specification

Code	MCD524SB	MCD524DB
Description	Low profile xenon sounder beacon	Weatherproof xenon sounder beacon
Specification		
Operating Voltage	18V dc to 30V dc	18V dc to 30V dc
Current Consumption	68mA (av) 73mA (peak)	68mA (av) 73mA (peak)
Operation	Continuous	Continuous
Flash Energy	0.7J	0.7J
Flash Frequency	60 per minute	60 per minute
Sound Output	101dB(a) max (+/-3) at 24V dc	101dB(a) max (+/-3) at 24V dc
Number of Tones	32	32
Environmental		
Operating Temperature	-20°C to +55°C	-20°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 92mm	93mm x 121mm
Weight	0.25kg	0.33kg
Ingress Protection	IP54	IP65
Cable Entry	Rear	Rear/side
Compatibility		
Suitable for use with	Menvier conventional fire systems	Menvier conventional fire systems

Standard Connection

MCD524SB / MCD524DB



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.

Installation

MCD524SB

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

MCD524DB

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 sounder base and then twisted to lock into place.
5. Supply is common for sounder and beacon

Interface Options

MCD524SB / MCD524DB

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

Product Codes

Code	Description
MCD524SB	Conventional low profile xenon sounder beacon
MCD524DB	Conventional weatherproof xenon sounder beacon