

## Bells MBM246, MBM248 and MWB824



MWB824 weatherproof bell



MBM246 and MBM248 internal bells

### Overview

Bells still remain a popular choice for many applications such as schools where they can sometimes be used as a signal for non fire purposes such as class change.

#### MBM246 and MBM248

The MBM246 and MBM248 Menvier internal bells incorporate highly efficient rotary centrifugal movements combining high sound output with low current consumption.

#### MWB824

The MWB824 Menvier weatherproof bell enables a common bell sound to be achieved throughout a complete site, including areas where a weatherproof device is required.

### Features

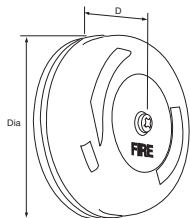
- Quick and simple to install
- High sound output
- Low current consumption
- Multi-fixing base plate (internal)
- IP42 rated (internal)
- IP54 rated (weatherproof)

### Benefits

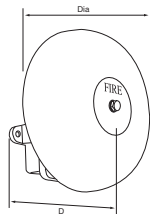
- Can be used for non fire applications

# Conventional Bells - MBM246, MBM248 and MWB824

## Dimensions



Internal bell



Weatherproof bell

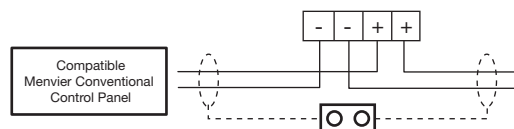
Description	Dia (mm)	D (mm)
6 inch internal bell	152	63
8 inch internal bell	203	67
8 inch weatherproof bell	200	104

## Technical Specification

Code	MBM246	MBM248	MWB824
Description	Internal 6 Inch bell	Internal 8 Inch bell	Weatherproof 8 Inch bell
Standards	EN54 Pt3	EN54 Pt3	EN54 Pt3
<b>Specification</b>			
Operating Voltage	24V dc	24V dc	24V dc
Current Consumption	25mA at 24V dc	28mA at 24V dc	28mA at 24V dc
Sound Output	93-95dB(A) at 24V dc	95-97dB(A) at 24V dc	95dB(A) (+/-2)
<b>Environmental</b>			
Operating Temperature	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C
Humidity (Non Condensing)	0 to 93% RH	0 to 93% RH	0 to 93% RH
<b>Physical</b>			
Construction	gong - steel / base-polycarbonate	gong - steel / base-polycarbonate	stove enamelled
Colour	Red	Red	Red
Dimensions (Dia x D)	152mm x 63mm	203mm x 67mm	200mm x 104mm
Weight	0.85kg	1.7kg	0.49kg
Ingress Protection	IP21C	IP21C	IP54
Cable Entry	Rear	Rear	Via separate back box
<b>Compatibility</b>			
Suitable for use with	Menvier conventional fire systems	Menvier conventional fire systems	Menvier conventional fire systems

## Standard Connection

MBM246 / MBM248 / MBM824



### 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

## Installation

**MBM246 / MBM248**

1. Multiple rear fixing options, can be fixed direct to wall or mounted on suitable BESA box.
2. Cable entry into bell is from rear.
3. Incorporates heavy duty terminals suitable for 2.5mm cables.

**MWB824**

1. Supplied with heavy duty gasketed back box which supports bottom entry cables.
2. Incorporates heavy duty terminals.

## Device Functionality

**MBM246 / MBM248**

1. Sound output is fixed and determined by size of the bell.
2. Operation is driven by an internal motor and striker arrangement.
3. Bells are polarised and suppressed.

**MWB824**

1. Bell operates via solenoid.
2. Bell is polarised and suppressed.

## Product Codes

Code	Description
MBM246	Conventional internal 6 Inch bell
MBM248	Conventional internal 8 Inch bell
MWB824	Conventional weatherproof 8 Inch bell