

## Fire Alarm Bell (MB Series)

Aluminium gong for excellent sound output

The bell remains the most commonly used alarm for fire evacuation systems. Recognising this, Vimpey continue to innovate with their all-aluminium range of fire alarm bells.

Five bells make up the range of 150mm (6 inch) and 200mm (8 inch) internal and external units. Being of aluminium construction, our bells have a very high volume output matched with extremely low power consumption - just 11mA for the 150mm internal.

The specially designed weatherproof bells have an aluminium back box giving either single or double threaded entry for maximum flexibility in installation. This is supplied as a full fixing kit with gasket and screws.



### Features

- \* Low current consumption - only 11mA
- \* Quickly and easily installed
- \* Excellent sonorous tone up to 100dB(A) at 1 metre
- \* Slim profile
- \* Fully suppressed and polarised
- \* Simple installation with multi-fixing base plate
- \* Purpose-made weatherproof range
- \* 24V bells certified by LPCB to EN54-3:2001

Description	6" (150mm) Internal - 12V	6" (150mm) Internal - 24V	8" (200mm) Internal - 24V	6" (150mm) Weatherproof	8" (200mm) Weatherproof
Model No.	MBF-6EV-12	MBF-6EV-24	MBF-8EV	MBA-6 + BBX-4	MBA-8 + BBX-4
Rated Voltage (vdc)	10-13	20-27	20-27	20-27	20-27
Rated Current @ 24V (mA)	40	11	17	12	25
Starting Voltage (vdc)	5.5	19.2	19.2	16	16.9
Sound Output dB(A) @1m (Max)	100.7	96.5	98.8	100.5	100.1
Temperature Range (°C)	-10 to + 50				
Humidity Range (%)	45—85				
Weight (g), (*with backbox)	410	410	640	780*	1100*
Gong Colour	Red				
Gong Construction	Aluminium				

# Alarm Bell Installation

**Internal MBF Range  
Type A**

Labels: Gong, Base, Mounting Screw, Hex bolt, Knock-out for surface wiring, BESA Box or single gang installation box.

Note: Care should be taken to avoid damage to the striker mechanism

Dimensions (mm)

Dimensions: 53, 60, 50.5,  $\varnothing 150$  or 200

Mounting holes are provided to suit either BESA single gang installation boxes or for direct wall mounting

**Weatherproof MBA Range (IP55)  
Type B**

Labels: Gong, Base, Mounting Screw, Hex bolt, Gasket, Striker, BBX-4 Installation box with 20mm threaded entry.

Dimensions (mm)

Dimensions: 40 (BBX-4 + gasket), 64, 128, 95,  $\varnothing 150$  or 200,  $\varnothing 7$

Mounting holes are located to suit BBX-4 installation box supplied.

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\* Alert Points

\* Fire Alarm Bells

\* Resettable Call Points