The bell remains the most commonly used alarm for fire evacuation systems. Recognising this, Vimpex 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.

As with the Vimpex sounder range, all bells can be supplied branded with your company logo.

Features
- Low current consumption - only 11mA
- Quickly and easily installed
- Excellent sonorous tone up to 100dB(A) at 1m
- 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
- 24V bells compliant with Construction Products Directive

StroBell
For a combined Bell and Strobe see the StroBell.
Datasheet Part No. DS/STROBELL or visit vimpex.co.uk/strobell.
## Specification

<table>
<thead>
<tr>
<th>Description</th>
<th>6&quot; (150mm)</th>
<th>6&quot; (150mm)</th>
<th>8&quot; (200mm)</th>
<th>6&quot; (150mm)</th>
<th>8&quot; (200mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.:</td>
<td>MBF-6EV-12</td>
<td>MBF-6EV-24</td>
<td>MBF-8EV</td>
<td>MBA-6 + BBX-4</td>
<td>MBA-8 + BBX-4</td>
</tr>
<tr>
<td>Rated Voltage (Vdc):</td>
<td>9.6 - 13.2</td>
<td>20.4 - 27.6</td>
<td>20.4 - 27.6</td>
<td>20.4 - 27.6</td>
<td>20.4 - 27.6</td>
</tr>
<tr>
<td>Rated Current @24V (mA):</td>
<td>40</td>
<td>11</td>
<td>17</td>
<td>12</td>
<td>25</td>
</tr>
<tr>
<td>Starting Voltage (Vdc):</td>
<td>5.5</td>
<td>19.2</td>
<td>19.2</td>
<td>16.0</td>
<td>16.9</td>
</tr>
<tr>
<td>Sound Output dB(A) @ 1m (max):</td>
<td>100.7</td>
<td>96.5</td>
<td>98.8</td>
<td>100.5</td>
<td>100.1</td>
</tr>
<tr>
<td>Temperature Range (°C):</td>
<td>-10 to +50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humidity Range (%):</td>
<td>45 - 85</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (g). (*with backbox):</td>
<td>410</td>
<td>410</td>
<td>640</td>
<td>780*</td>
<td>1100*</td>
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<tr>
<td>Gong Colour:</td>
<td>Red</td>
<td></td>
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<tr>
<td>Gong Construction:</td>
<td>Aluminium</td>
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</tr>
</tbody>
</table>

Note: Refer to Sound Output Data sheet (DS/BELLDATA/ISS1) for full data and polar plot

## Installation

### Internal MBF Range

#### Type A

![Diagram](image)

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

### Weatherproof MBA Range (IP55)

#### Type B

![Diagram](image)

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

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We reserve the right to change or amend any design or specification in line with our policy of continuing development and improvement.