MOFLASH SIGNALLING

INSTALLATION INFORMATION

PLEASE READ PRIOR TO INSTALLATION



A8BM Series

ACOUSTIC SIGNALLING DEVICE

S00663 - ISSUE 1

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APPROVALS AND CONFORMITIES

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General Installation Notes

- Installation must be carried out in accordance with the latest codes and regulations by a qualified electrician.
- Ensure power is disconnected prior to installation or maintenance to avoid danger of electrical shock.
- Environmental exposure conditions during installation should be dry. Moist or wet conditions should be avoided.
- Avoid mounting the Bell where it will be subjected to excessive vibration.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment maybe impaired.
- Never energise the bell with the gong removed.
- To maintain good serviceability the bell must be mounted with the solenoid striker upwards.

Maintenance

- Under normal operating conditions, the Bell will be maintenance free. However, under very harsh environmental conditions, it may be advisable on occasion to extract the solenoid striker and remove any debris build up, to ensure free movement of the striker.
- Due to the power of the solenoid and with heavy daily use, the solenoid striker may eventually penetrate through the wall of the gong. Three additional retaining slots have been added to the gong to allow the gong to be rotated through 90° to offer a fresh striking surface.

Installation Instructions

Please retain all removed parts for later re-assembly.

Unscrew the retaining bolt and washer from the Bell gong using a 4mm A/F Hexagon Key (not supplied) and the spacer positioned between the gong and the case.

Remove the Solenoid Striker and Spring from the solenoid cavity at the top of the case.

Remove the 5 self-tapping screws from the Bell case lid. The unit allows for up to four cable entries, two on the top and one either side of the case. The maximum Gland size is 20mm. Drilling points are indicated by the recessed indentations on the surface. Always ensure that an IP66 + rated cable gland, sealing washer & lock nut are used *(Optional Accessory Code 50002).*

The Bell case must be mounted on a flat surface with the Solenoid Striker cavity facing vertically upwards.Fix the Bell case onto the required surface using 3 x 5mm (No10 gauge) fixing screws (not supplied).

The Bell case has been designed to allow for 'loop in' and 'loop out' cabling requirements. The DC and AC units are polarity conscious.

The DC units have wires that are coloured Red for 'Positive' and Black for 'Negative' **(See wiring Diagram 1)**.

The 115/230vAC units are coloured Brown for 'Live' and Blue for 'Neutral'. The high voltage AC units also include an 'Earth' (Ground) Green/Yellow wire **(See wiring Diagram 2).**

Once power termination is complete, carefully replace the Bell case lid, ensuring the lid Gasket is still correctly fitted, prior to securing with the 5 x self-tapping screws.

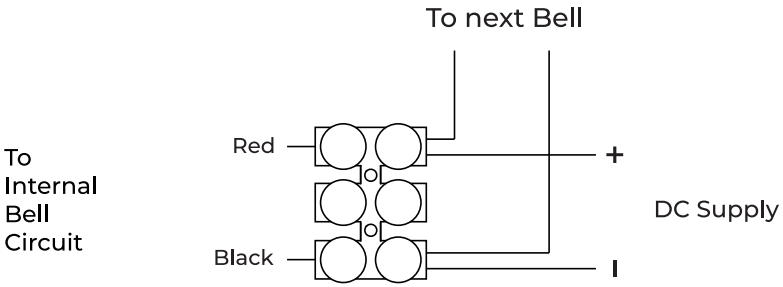
The installer must satisfy himself that the internal wiring does not foul the weatherproof seal that is formed with the Bell case lid. Failure to achieve a universal seal will invalidate the warranty.

Re-fit the Spring and Solenoid Striker into the solenoid cavity in the case, then replace the gong.

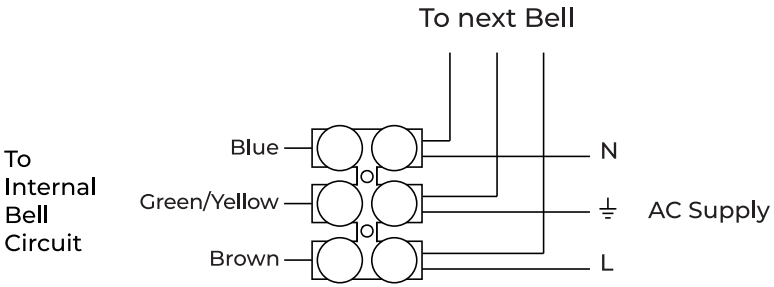
First place the spacer onto the 8" fixing boss (as indicated on lid) prior to replacing gong.

Secure with washer and retaining bolt.

Wiring Diagram



Wiring Diagram 1 (DC)



Wiring Diagram 2 (AC)

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