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# MOFLASH<sup>★</sup>

## MOFLASH A6BM Series Acoustic Signalling Device



## Specifications

- **Product:** A6BM Series Acoustic Signalling Device
- **Manufacturer:** Moflash Signalling Limited

- **Maximum Gland Size:** 20mm
- **IP Rating:** IP66+
- **Power Supply:** DC and AC options available

## **General Installation Notes**

- Installation must be carried out by the latest codes and regulations by a qualified electrician.
- Ensure power is disconnected before installation or maintenance to avoid the 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 buildup 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.

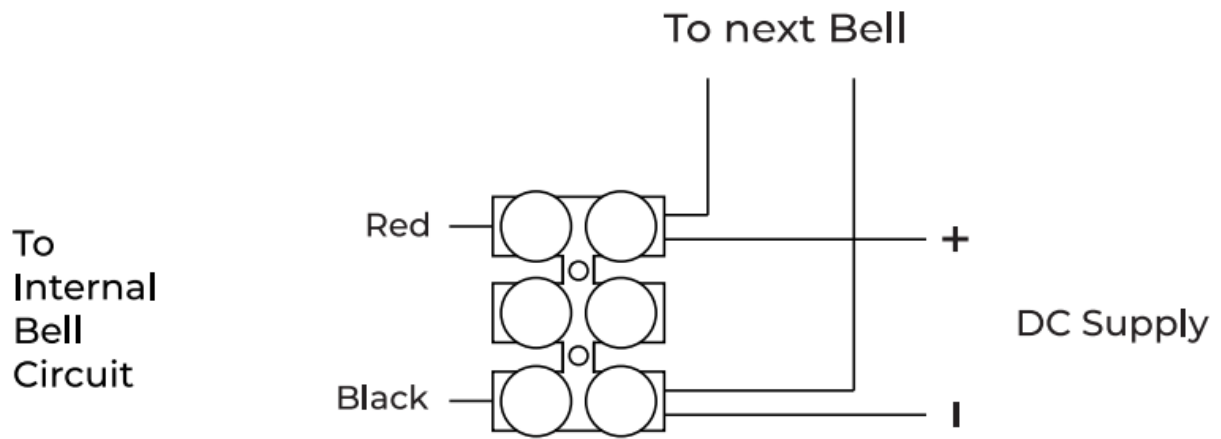
## **Installation Instructions**

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

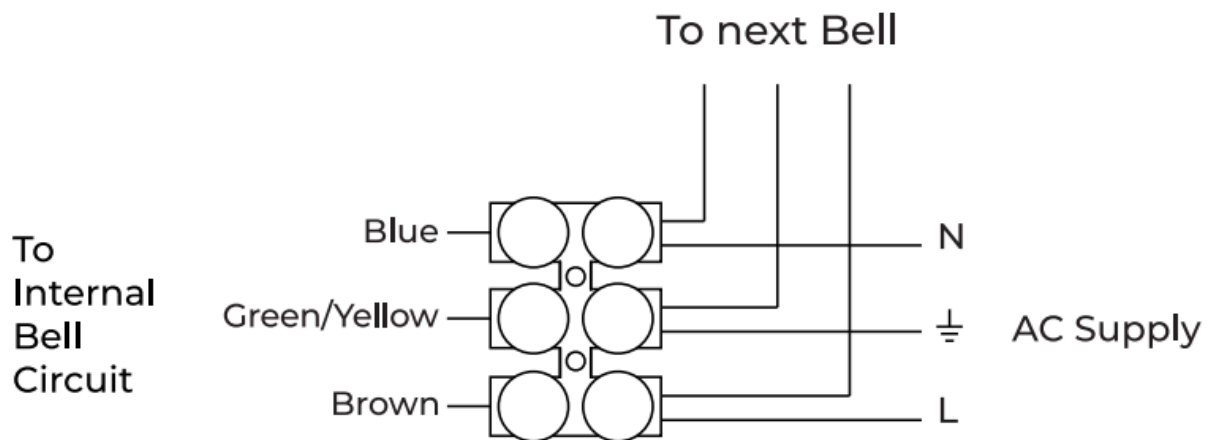
case.

- 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. 6" gong fits directly onto the 6" fixing boss (as indicated on lid) lining up the gong slot with the case boss.
- Secure with washer and retaining bolt.

## **Wiring Diagram**



**Wiring Diagram 1 (DC)**



**Wiring Diagram 2 (AC)**

- Moflash Signalling Limited accepts no liability for any consequences following the use of this document.
- Any technical specifications and products referred to within this document are subject to change without notice due to continual improvement and product development policies. All dB(A) figures are subject to environmental conditions. The units are sold under Moflash standard conditions of sale, available on request.
- Additional resources, including installation sheet translations, certificates and DoCs, are available from the [www.moflash.co.uk](http://www.moflash.co.uk) website.
- Moflash Signalling Limited, 11 Upper Conybere Street, Highgate, Birmingham, B12 0EB, UK

[www.moflash.com](http://www.moflash.com)

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## FAQs


**Q: What is the maximum gland size allowed for cable entry?**

A: The maximum gland size allowed is 20mm.

**Q: How should I mount the Bell case during installation?**

A: The Bell case must be mounted on a flat surface with the Solenoid Striker cavity facing vertically upwards.

## Documents / Resources

	<a href="#">MOFLASH A6BM Series Acoustic Signalling Device [pdf]</a> Installation Guide e A6BM Series Acoustic Signalling Device, A6BM Series, Acoustic Signalling Device, Signalling Device, Device
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## References

- [User Manual](#)

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A6BM Series, A6BM Series Acoustic Signalling Device, Acoustic Signalling Device, device, MOFLASH, Signalling Device

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