MOFLASH SIGNALLING

INSTALLATION INFORMATION

PLEASE READ PRIOR TO INSTALLATION



X700 Series

VISUAL SIGNALLING DEVICE

S00607 - 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.
- The Lens of the product is Polycarbonate plastic. Do not clean with petroleum-based cleaners.
- Avoid mounting the Beacon where it will be subjected to excessive vibration.

Installation Instructions

Unscrew the four plastic retaining screws that secures the Lens assembly to the back box.

Carefully remove the conduit knockout/s required in the back box to suit the desired Cable Gland/s for installation. 4 conduit size options are available: M16, M20, M25 and M32.

Please note: Ensure the Cable Gland being used has the correct IP rating.

Locate and secure the back box to an appropriate surface by using the 4 x 4.5mm fixing holes located in the base with 4mm screws (not supplied).

Secure the Cable Gland/s into the chosen conduit knockout/s then pull the power cable through and into the back box ready to make the necessary connections.

To opeate a single Beacon, please ensure connections are made to Live and Neutral as shown on the Master Terminal **(See Wiring Diagram 1)**

For the synchronous operation of two or more Beacons, connections are required using the Master/Slave arrangement as shown in **Wiring Diagram 1.**

Please note: the Fault Check is not required for operation. Connections are included to show wiring through the string if required. If a fault is detected, this line will show a positive signal, and the string will stop flashing. Possible defects are as follows: Power Failure, Synchronisation Failure, Capacitor Fault or Flash Tube Fault.

When the unit is being used as a stand-alone flashing Beacon, the Switch on the PCB will need to be in the MASTER position (Switch Position '1' ON). All other switch positions can be adjusted to fulfil required output.

If it is required that these Beacons are to be installed in a string of synchronised units, the first Beacon in the string must have the MASTER mode selected (Switch Position '1' ON), whilst the remaining units within the string must have the SLAVE mode selected (Switch Position '1' OFF).

The output signal required now needs to be set using the four-way DIP Switch located on the PCB. The flash rates and flash power are controlled by changing the switch positions.
Please see table below for switch options:

Switch	ON	OFF
1	**Master**	Slave
2	**15J**	7.5J
3	Flash Rate	
4	Flash Rate	

Switch 3 position	Switch 4 position	Flash Rate
OFF	OFF	2Hz (120 FPM)
OFF	**ON**	**1Hz (60 FPM)**
ON	OFF	0.5Hz (30 FPM)
ON	ON	0.2Hz (12 FPM)

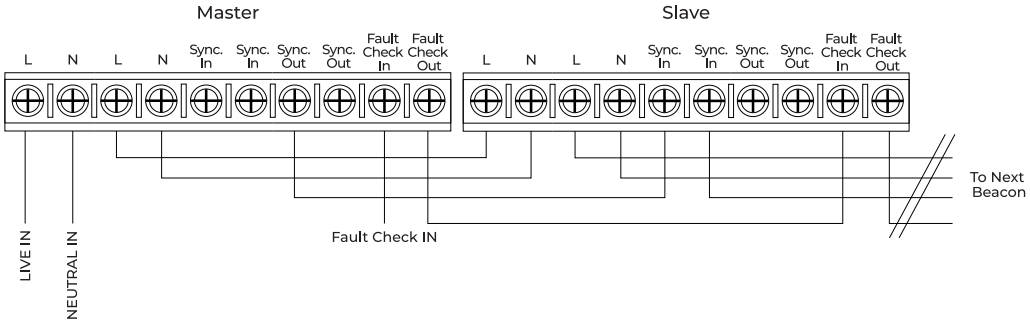
Factory standard settings are as follows:
Master (1 ON), 15J (2 ON), 60 FPM (3 OFF, 4 ON)

When all connections have been made and the output required selected, locate the Lens assembly back onto the Base by securing the four plastic retaining screws.

Cabling Details

- Maximum 2.5mm^2 (14 – 22 AWG).
- **NOTE:** The 701/700 series can be used in a 'loop in' 'loop out' daisy chain application using the terminals provided on the PCB, however the wire size must not exceed 2.5mm^2.

Wiring Diagram



Wiring Diagram 1

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