



INSTALLATION & MAINTENANCE MANUAL

OSHFREC

GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

**These instructions should be used to aid installation of the following product:
OSHFREC**

SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Please note the IP (Ingress Protection) rating of this product when deciding the location for installation
- Do not overload this accessory or subject it to conditions outside its rating
- This product is for indoor use only
- This product is Class II double insulated
- This product is IP20 rated

INSTALLATION

Note - microwave sensors may not be suitable for all installations, for example enclosed spaces, as they are able to detect movement through non-metallic surfaces like plasterboard and thin doors

- Provide power to the required point of installation
- Cut a suitable hole in the mounting surface as per the cut-out details (see Fig. 1) ensuring not to infringe with any joists, gas/water pipes or electrical cables

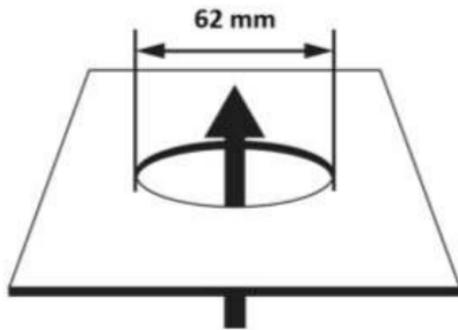


Fig. 1

- Loosen the screw on the terminal cover of the power module
- Ensuring correct polarity is observed, terminate the mains cable Live (Brown), Neutral (Blue) and the L ▼ (Load Live) into the power module (see Fig. 2)

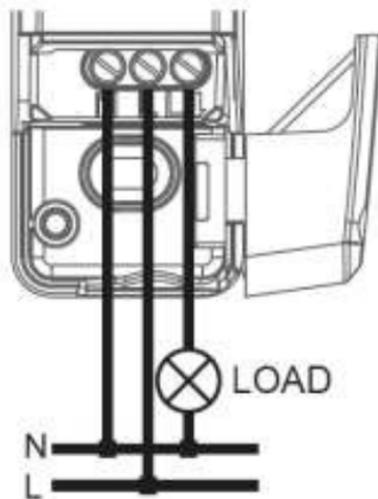


Fig. 2

- Fasten down the screw on the terminal cover ensuring the mains cable is secure under the cable clamp
- Place the power module into the ceiling cavity
- Lift both spring clips on the sides of the fitting and push into the ceiling (see Fig. 3)

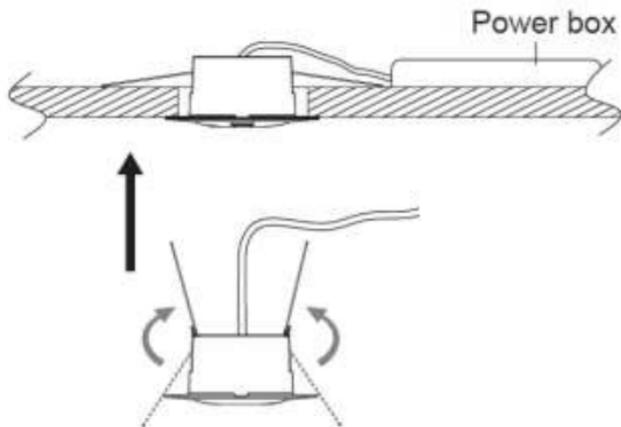


Fig. 3

- Switch on power and check for correct operation

VERRIDE FACILITY

If the sensor has been wired in conjunction with an external switch, the override function can be activated by switching off/on twice. The luminaires will remain on for up to 4 hours. After 4 hours the sensor will automatically revert to auto mode and continue to sense for motion. To revert to auto mode before the 4 hours, switch it Off-On.

SENSOR SETTINGS

To gain access to the sensor settings, press on one side of the sensor (see Fig. 4)

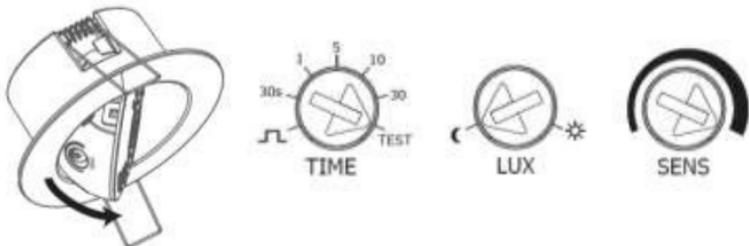


Fig. 4

Time – the time can be set to 30 sec, 1 min, 5 min, 10 min, 30 min, Test and Pulse 

Pulse setting: when motion is detected and depending on the Lux setting, the sensor will turn the load on for 1 second and then off for 9 seconds until the next detection.

Test setting: the Lux setting is deactivated and when motion is detected the load will turn on for 3 seconds.

Lux – this controls the light level at which the sensor will operate when motion is detected. At the maximum position, the sensor will operate during daylight. At the lowest setting, the sensor will only operate in total darkness.

Sens – this controls the range of the sensor with a minimum distance of 1m and maximum of 3m.

WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

GENERAL

This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product.

WARRANTY

This product has a warranty of 2 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

Supplied By:

(UK) Manufacturer

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www.mlaccessories.co.uk

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ML
ACCESSORIES LTD



**UK
CA** **CE**



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ML Accessories Limited LU5 4LT
www.mlaccessories.co.uk

Made in China

AVJUL22_V2

Knightsbridge

Manufacturers Declaration of Conformity
For ML Accessories (Knightsbridge)
Electrical products in accordance with CE marking

ML Accessories Ltd. Declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

CE marking legislation

In Accordance with the following Directives:

2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive
2014/53/EU	Radio Equipment Directive

Including Legislation

1907/2006	REACH
2015/863	RoHS
2021/341	ERP

Safety Standards

Full individual declarations and specific safety standards applicable to relevant product series can be found on our website www.mlaccessories.co.uk

We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The product complies with all essential requirements of the directives.



Scott Brewer
Technical Manager



Catherine Connolly
CEO



ML Accessories Ltd. Unit E Chiltern Park, Boscombe Road, Dunstable. Bedfordshire, LU5 4LT

This declaration becomes invalid if technical or operational modifications are introduced without ML Accessories Ltd. written consent.

Knightsbridge

Manufacturers Declaration of Conformity For ML Accessories (Knightsbridge) Electrical products in accordance with UKCA marking

ML Accessories Ltd. declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

UKCA marking legislation

UK SI 2016 No. 1091	Electro Magnetic Compatibility Regulations 2016
UK SI 2016 No. 1101	The Electrical Equipment (Safety) Regulations 2016
UK SI 2012 No. 3032	Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
UK SI 2017 No. 1206	Radio Equipment regulations 2017
UK SI 2021 No. 1095	The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021

Included Legislation

UK SI 2008 No. 2852	UK REACH
UK SI 2013 No. 3113	WEEE

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Scott Brewer
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