

Knightsbridge[®]
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SCREWLESS TRAILING EDGE DIMMER

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

SAFETY

- Installation of this product should only be carried out by a qualified electrician or competent person to the current Building and IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation or maintenance
- LED dimming range 5-150W
- Incandescent dimming range 10-200W
- Not suitable for use with fluorescent lamps
- Do not overload this product
- Please ensure the lamp/luminaire connected to this product is dimmable

PLATE FIXING

SCREWLESS FRONT PLATE FIXING

- Always ensure the wall surface is flat and smooth
- Remove the front plate by placing a medium size flat head screwdriver in the notch at the side and lever off gently. Fix the main unit to the back box using the fixing screws supplied
- Clip the front plate back onto the main assembly, ensuring the screwdriver notch is at the side
- The main unit is fitted with a gasket, this **MUST NOT** be removed, this gasket is to stop discolouration of the front plate due to natural moisture in some wall finishes
- To maintain the finish of this product, periodically wipe over with a soft dry cloth only

Warranty

This product has a warranty of 3 years from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes will invalidate the warranty. If this product

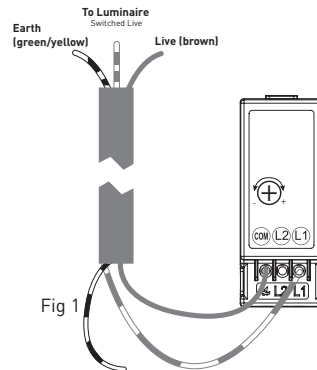
should fail within its warranty period it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

INSTALLATION

- This is a class I product and requires an earth to the installation plate and back box
- Provide power to the point of installation

L	Live	brown
E	Earth	yellow/green
N	Neutral	blue

- Please see Fig 1 and Fig 2 for wiring methods



For a multiple gang dimmer please repeat wiring method for each dimmer

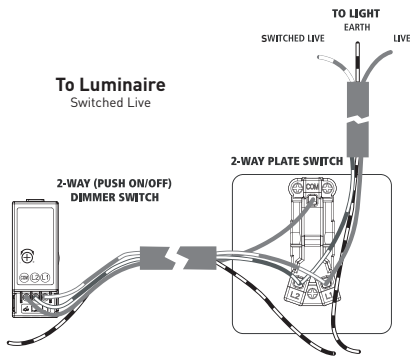


Fig 2

- 2-way switching with a dimmer can only be achieved when there is only 1 dimmer in the circuit
- 2-way dimming cannot be achieved

Note:

- This dimmer is a trailing edge dimmer
- A small audible buzz may be emitted when using certain products. This is normal
- Please check compatibility with lamp/luminaire used with this dimmer

Load	Min	Max
LED	5W	150W
Incandescent	10W	200W



Potentiometer

If small levels of flicker can be seen in the dimming curve at the lowest point, this can be eliminated by following the steps below:

Adjusting the minimum dimming level

- Isolate the power and rotate the dimmer to its minimum position
- With the aid of a small slotted screwdriver, rotate the potentiometer

Rotation direction	Description
Clockwise	Increases the minimum level
Anti-clockwise	Decreases the minimum level

- Switch on the mains power and check for correct operation
- If flicker is still in the dimming curve please repeat the above steps

Note: When selecting a dimmable lamp/luminaire on the circuit, ensure a mixed load is not selected i.e. incandescent mixed with LED

If the potentiometer dial is rotated fully clockwise, there will be no dimming ability

It is recommended to use lamps/luminaires of the same brand on the same circuit

Most dimmable LEDs will not have the same dimming characteristics as incandescent lamps