

# Knightsbridge

## GDM150I

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

### 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
- Do not overload this product or subject it to conditions outside its rating:
  - LED dimming range 5 - 100W
  - Incandescent/halogen dimming range 10 - 150W
  - Not suitable for fluorescent lamps
- Please check compatibility with intended load before installation

### INSTALLATION

- Pull cabling through the grid frame, strip insulation accordingly, and terminate into the module (see Fig. 1)
- Check all electrical connections are secure with all exposed copper within the terminal and no loose strands of cable
- Insert the bottom edge of the module into the grid frame, and clip into place, ensuring the tab at the top is holding the module securely
- Adjust the position of the frame in relation to the wall. Attach the front plate, either using the fixing screws provided or by carefully aligning the rear clips to the frame and clipping into position
- Switch on and check for correct operation

### ONE-WAY DIMMING CONTROL

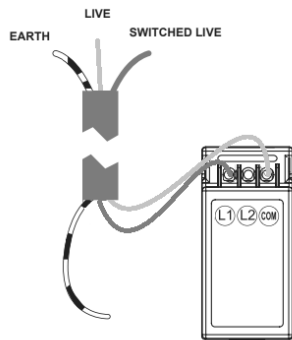


Fig. 1

- For a multiple gang dimmer repeat the wiring method for each dimmer unit

### TWO-WAY DIMMING CONTROL

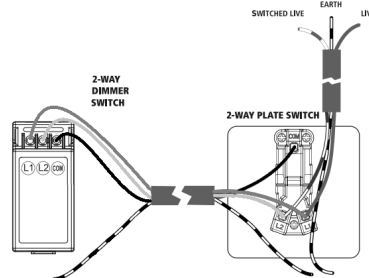


Fig. 2

- Two-way switching with a dimmer can only be achieved when there is only one dimmer in the system. Two-way dimming cannot be achieved

## DIMMING ADJUSTMENT

To restore factory settings

1. Switch on the power and turn the dimmer to the minimum position (anticlockwise)
2. Press the knob 8 times
3. The unit will increase and decrease the brightness twice to indicate that the dimmer is in configuration mode, it will then maintain a low illumination level or switch off

To adjust the minimum dimming level

1. After restoring the factory settings, slowly adjust the brightness to a suitable level
2. Press the knob 4 times
3. The unit will increase and decrease the brightness once the adjustment is complete

To change between trailing-edge and leading-edge mode

1. Switch on the power and adjust the dimmer knob to the maximum position (clockwise)
2. Press the knob on and off 5 times. The load will flash once to indicate that the dimmer is in trailing-edge mode, or twice to

indicate that the dimmer is in leading-edge mode

## 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. Ensure a mixed load is not selected i.e., incandescent mixed with LED. It is recommended to use lamps/luminaires of the same brand and type on the same switch. Most dimmable LEDs will not have the same dimming characteristics as incandescent lamps. A small audible buzz may be emitted when using certain products. This is normal.

## 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 and invalidate the warranty

## 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:

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