



retrotouch.
Electrical products

ROTARY DIMMER MANUAL 1 / 2 WAY

SAFETY WARNING

Before use please read carefully and use in accordance with these safety instructions. Before commencing any electrical work ensure the supply is switched **OFF** at the mains. Either by switching off the consumer unit or by removing the appropriate fuse. This product should be installed in accordance with the relevant sections of the building regulations code and in accordance with the latest edition of IEE regulations (BS 7671).

If the unit is to be used as a replacement for an existing product, remove the existing unit from its location and disconnect the wiring. Connect the wires as shown in diagram. Ensure terminals are properly tightened and ensure no bare wires are visible. When pushing back into the backbox ensure no wires are trapped. Read the instructions carefully before starting the installation process and keep them safe for future reference.

IF IN ANY DOUBT, PLEASE CONTACT A QUALIFIED ELECTRICIAN.

WARNING

Do not exceed the load rating as shown on the back of the product

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SPECIFICATION

Rated Voltage: 100V-240V~ 50 & 60Hz
Rated Current: 4AX
Rated Output: 3-200W (LED) per gang
Dimension: 23 x 23 x 50 mm

INSTALLATION

Important: Please read the Safety Warning before commencing any work.

1. Remove the hex nut on the dimmer module, insert the shaft of the module from the rear of plate into plate cut out, fix in place using the hex nut till tight.
2. Push on the dimmer rotary knob onto the shaft until no longer loose
3. Undo the terminal screws until they no longer obstruct the cable entry holes.
4. Trim wires to correct length allow cable to reach terminals comfortably.
5. Strip back the insulation (plastic sheath) on the cable to approx 7 to 8mm.
6. Caution: An earth wire must be fitted if a metal mounting box is used.
7. If mounted into a plastic mounting box the earth lead must be fully insulated to prevent earth wire touching live parts or a push-in earth terminal.
8. Connect the wires to the correct terminals according to the marking on the back of the product and wiring diagram.
9. When replacing a switch, take note of the wire positions and terminal markings on the old switch.
10. Carefully push the wired unit back into the mounting box, ensuring the cables are not trapped or pinched.
11. Fit and tighten the fixing screws as supplied. Do not over tighten the screws as it may cause damage to the front plate or the mounting box threads.

Technical queries should be made to Retrotouch Technical Sales and Service Department
Tel: +44 (0) 1293 279426 email: support@retrotouch.co.uk

MOUNTING BOX

1 or 2 Way (25mm backbox)

LED COMPATIBILITY

Please ensure the LEDs are "dimmable" and for the best performance choose LEDs from well known brands. We have tested a wide range of lamps, for a lamp list or advice please contact us.

ADJUSTMENT

If the LED lights flicker at the lowest dimming setting, adjust the potentiometer (back of the dimmer module) anticlockwise till the lights no longer flicker.

The product conforms to British and European Standards
CE- EN 55015 / EN 60669

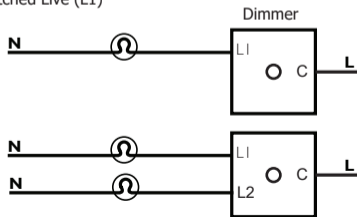
DIMMER ONE WAY 10AX SWITCH

One way is used to control one light (circuit) from one switch position only.

Please follow the wiring diagram below and ensure the safety warning and installation guide are read and followed before commencing any work.

If the wires into L1 have no more room for additional wires, use L2 for additional input. Both inputs will be controlled by the one dimmer.

L = Live
A = Switched Live (L1)



DIMMER TWO WAY 10AX SWITCH

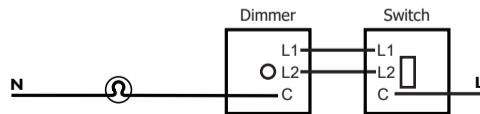
Two way is used to control one light from two separate two way switches.

For example one dimmer on the landing and the other dimmer on the first floor to control the light on the landing area, giving two way switching.

2 Way switching requires a 2 way dimmer and a 2 way light switch, the dimmer will be able to turn on/off the lights from two locations.

Please follow the wiring diagram below and ensure the safety warning and installation guide are read and followed before commencing any work.

For multi gang dimmer switches with 2,3,4 dimmer modules, if required link the COM terminals via a short link wire. Each dimmer module must be wired as an individual dimmer.



DIMMER FUNCTION

Please Note: All LEDs behave differently, no two brands are the same, due to no set LED dimming standards.

Please ensure the safety warning and installation guide are read and followed before commencing any work.

1. Push the dimmer knob to turn on
2. Turn the dimmer clockwise to increase brightness
3. To dim the lights turn anticlockwise slowly to the desired level
4. If the lights flicker please make adjustment (see page 2)
5. To turn off press the dimmer knob

WARRANTY

See www.retrotouch.co.uk for full details with regards to warranties and terms and conditions. The warranty is invalid in the case of tampering, improper working environment and installation according to IEE regulations. If the product were to fail within the warranty period it will be replaced free of charge, this is subject to correct installation and the return of the faulty product. Retrotouch does not accept responsibility for installation costs as a result of replacing the product.