

Retrotouch  
CRYSTAL

TOUCH SWITCHES  
INSTRUCTION MANUAL

## Safety information

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 diagrams..

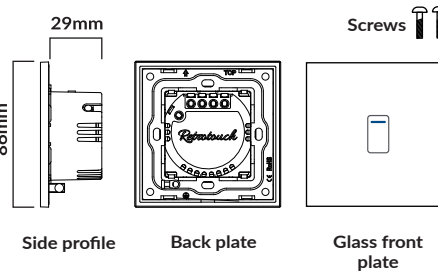
Ensure terminals are properly tightened and ensure no bare wires are visible. When pushing back into the backbox ensure no wires are trapped.

Read the instructions carefully before starting the installation process and keep them safe for future reference.

SWITCHES MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN

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### Whats in the box



Note: Touch Switches fit in 35mm depth backbox

## Specification

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

**Touch 1-3G 1W**  
Power Supply: 100-240V AC 50/60HZ  
Load Power: 3-300W

**Touch 1-3G 2W**  
Power Supply: 100-240V AC 50/60HZ  
Load Power: 3-800W/G (2000W Max)

**Touch Dimmer**  
Power Supply: 100-240V AC 50/60HZ  
Load Power: 3-200W (10 lamps Max)

Voltage: 110~240V ~ 50/60Hz  
Working Temperature: 0oC~40oC Relative  
Humidity: 10% - 93%  
Energy Consumption: <0.02W  
Measurement: 86x86x35mm  
Backbox depth: 35mm  
Life: 100,000 touches

Note: Our dimmer switches are not suitable for use with fluorescent loads, including energy saving lamps and certain non dimming LED bulbs.

\*Not all LED bulbs are compatible and depends on brand, please call for more information.

## Installation

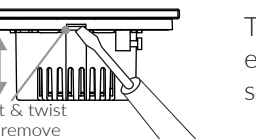
### 1 IMPORTANT NOTICE:

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.

### 2 The glass panel:

Dependent on model the glass panel may come attached. If so, using a flat wide screwdriver, align the aperture on the switch's bottom and twist and lift to un-clip.

Caution: Hold glass as you detach from the base plate



### 3 Wiring:

Wire as described in the diagrams shown overleaf as per your model. Ensure terminals are correctly tightened and ensure no bare wires are visible.

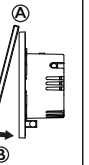
Check correct wires are connected to the correct terminals. If incorrectly wired, this could damage the switch.

N = Neutral Terminal  
L = Live Terminal  
L1, L2, L3 = Load Terminal

Then push back into the backbox, ensure no wires are trapped, then screw switch to the backbox.

### 4 Attach the glass Surround:

Align the glass panel over the switch (A) and firmly push (B) to click into place.



### 4 Power on & set:

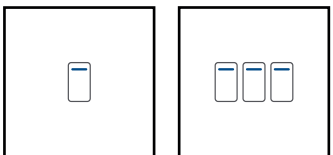
Ensure the glass is attached before turning the power is on, wait 2 minutes for the switch to power up and set, then touch the panel to activate.

**IF IN ANY DOUBT, CONTACT A QUALIFIED ELECTRICIAN.**

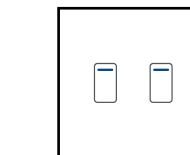
## Using the Switch

### Touch Switch

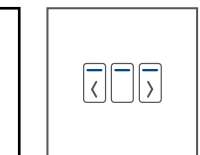
On/Off models simply touch the rectangles, and the switch will cycle the light circuit on/off.



ON/OFF SWITCH



Dimmer Switch



Curtain Switch

### Dimmer Switch

Touch button to turn lights on to the last used brightness level. Touch again to turn off.

Touch and hold the button to dim up and dim down, release when the light reaches desired brightness level.

### Curtain / Blind Switch

Touch the middle button to open or close the curtain/Blind. Touch and hold the buttons on either side to adjust, open and close.

## FAQ'S

**Q:** The light switch works when the front panel of glass is off, but when I put the front glass panel back on, it doesn't work.

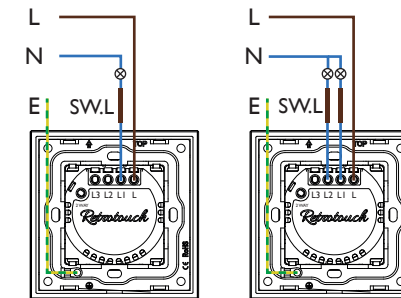
**A:** You must ensure you have the front glass panel on the switch whilst the main power is off.

**Q:** Do I need additional wiring on a 2 way or intermediate circuit?

**A:** You will not have to use any additional wiring that isn't on the diagram, it is IMPORTANT that you ensure the link terminals are wired correctly as they carry Live link

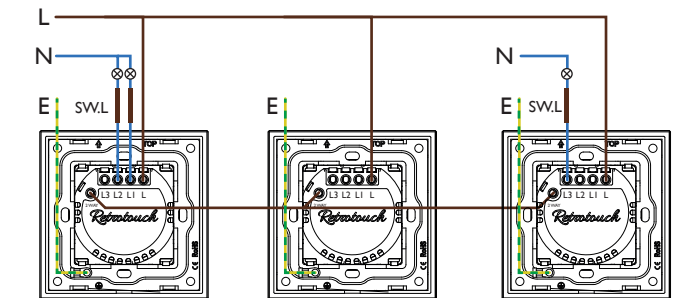
This allows the switch to reset the proximity and will now work.

## 1 Way Wiring



Easy to Retrofit and install; all you need is a 35mm depth backbox. The wiring will be the same as a conventional rocker switch.

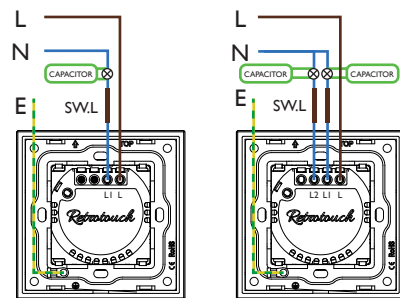
## 2 Way / Intermediate Wiring



You will need to pair the gangs; Press and hold a gang on the master wired switch for 5 seconds until the LED light flashes. Within 60 seconds, press the corresponding gang on the secondary switch you want to pair with the master switch - the switch will flash or beep to confirm the pairing is successful.

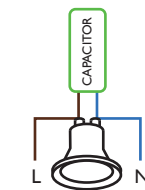
Repeat the process for all gangs you want to pair.

## Dimmer Wiring

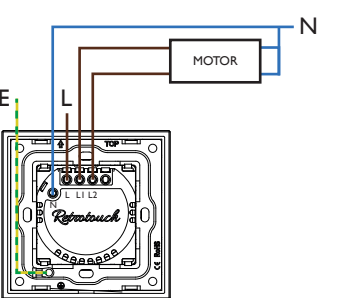


### Capacitor

If required, capacitors are included & used to eliminate flickering of dimmable LED lamps. Install across the first lamp from the switch.



## Curtain / Blind Wiring



Designed for electric curtains or blinds with motors.

### Factory reset:

Press and hold the touch button area for 10 seconds and the switch will reset back to factory settings.

## 2 Year Guarantee

This switch is of excellent quality and construction. However, if any defects in materials or workmanship do appear during the guarantee period, we will, at our discretion, either repair or replace the defective parts, free of charge, subject to the terms and conditions of our guarantee shown below.

This guarantee covers both parts and labour. Carriage is not included. This guarantee provides benefits which are additional to, and do not affect, your statutory rights. This guarantee does not cover the cost of returning the product to the dealer from whom it was purchased or to ourselves. This guarantee applies only to products sold and located in mainland Great Britain. It does not cover liability in respect of or replacement of plugs, cables or fuses and also does not cover defects due to:

- Failure to use or maintain product in accordance with Retrotouch instructions.
  - Accidental damage to or abuse or misuse of the product.
  - Product modification, except by Retrotouch or approved agent.
  - Dismantling of or interference with the product.
- Before returning any product under this Guarantee, please check that:
- You have followed the product instructions correctly.

- If you wish to claim under this guarantee you should:
- Contact [support@retrotouch.co.uk](mailto:support@retrotouch.co.uk) for help.
  - Give exact details of the nature of the defect.

This guarantee does not cover any other claims whatsoever, including, without limitation, any liability for incidental, indirect or consequential damage, nor does it cover any claims for conversion or modification or for the costs of repair carried out by any third party without the prior consent of Retrotouch. If replacement parts are fitted to the product this will not extend the guarantee.

Retrotouch switches marked with the CE mark comply with the EC Low Voltage Directive: 73/23/EEC, Electromagnetic Compatibility Directive 89/336/EEC They also comply with BS EN 60669 2-1 & BS EN 55015

## Need Help?

Open your phone's camera and scan this QR code...



OR visit [support.retrotouch.co.uk](http://support.retrotouch.co.uk)

Visit our website for videos and how to guides or contact our support team at [support@retrotouch.co.uk](mailto:support@retrotouch.co.uk)

## Register your product

Open your phone's camera and scan this QR code...



OR visit [www.retrotouch.co.uk/register](http://www.retrotouch.co.uk/register)

Visit our website and register your products and get dedicated support, news and offers.

## Get Social and Win

Follow us on Instagram, Facebook or Twitter and post a photo or video of your Retrotouch install.

Tag us in and use #myretroswitch for a chance to win a Retrotouch or Lithe Audio product selection!



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DESIGNED IN UK. ASSEMBLED IN P.R.C.

GB1BT50522

## Want integrated audio in your project?

Visit our sister company Lithe Audio for award winning all-in-one ceiling, wall and garden speakers: [www.litheaudio.com](http://www.litheaudio.com)