## Retrotouch
### CRYSTAL+SMART

# WI-FI SMART SWITCHES
## INSTRUCTION MANUAL

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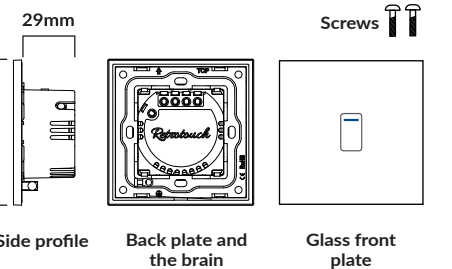
Ensure terminals are properly tightened and ensure no bare wires are visible. When pushing back into the backbox ensure no wires are trapped.

**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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# SWITCHES MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN

## Whats in the box

29mm | Screws

86mm

Side profile | Back plate and the brain | Glass front plate

Note: Touch Switches fit in 35mm depth backbox

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# Specification

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

Power Supply: 100-240V AC 50/60HZ
Load Power: 1000W/G
Wifi Standard: Wifi 2.4GHz b/g/n
Wireless Consumption: ≤0.2W
System Supported: IOS/Android
Working Temperature: -20~70℃
Working Humidity: 95%

Wifi Dimmer
Power Supply: 100-240V AC 50/60HZ
Load Power: 3-500W (10 lamps Max)

Energy Consumption: <0.02W
Measurement: 86x86x35mm
Switch Depth: 29mm
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.
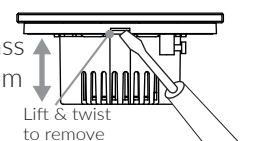
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# Installation

### 1 IMPORTANT NOTICE:

Before commencing any electrical work, ensure the supply is switched OFF at the main, either by switching off the consumer unit or by removing the appropriate fuse.

### 2 The glass panel:

Depending 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

Lift & twist to remove

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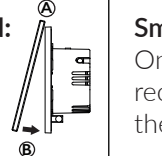
Check correct wires are connected to the correct terminals. If incorrectly wired, this could damage the switch.

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.
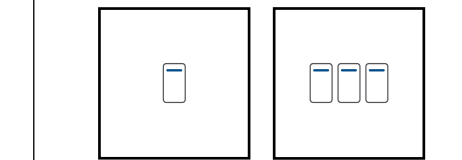
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### 4 Power on & set:

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.

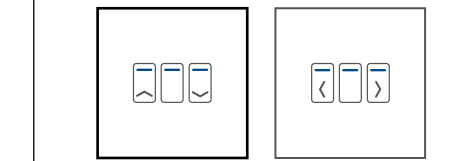**IF IN ANY DOUBT, CONTACT A QUALIFIED ELECTRICIAN.**

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# Using the Smart Switch from the wall plate

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

ON/OFF SWITCH

SMART DIMMER | SMART CURTAIN

**Dimmer Switch**
1 Gang Dimmer - Touch the middle button to turn lights on and off to the last used level. Touch and hold the buttons on either side to dim up and dim down.

**Curtain / Blind Switch**
Touch the middle button to open or close the curtail/Blind. Touch and hold the buttons on either side to adjust, open and close.

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# Using the Smart Switch via APP

Wi Fi

### 1 Download Retrotouch App

- Scan the QR code below or
- Visit retrotouch.co.uk/app or
- Search 'Retrotouch' in the Apple App store or Google Play store

Download on the
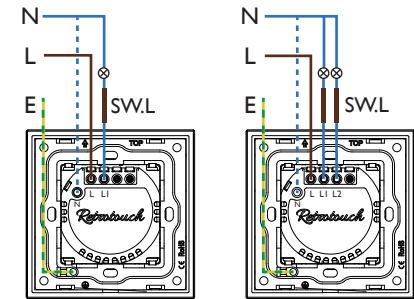**App Store**

GET IT ON
**Google Play**

### 2 Add your Switch to the App

Use the Retrotouch App on your phone or tablet to set up your switch.

1. Open the Retrotouch App
2. Click on 'Settings'
3. Select 'Add Accessory'
4. Select the model you have
5. Your switch will now be connected.

The app will guide you through configuring your new smart switch.
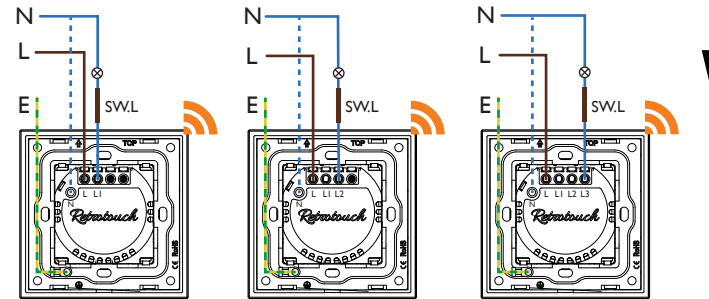
# 1 Way Wiring



1 gang switch*    2 gang switch*

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

N = Neutral to switch is optional
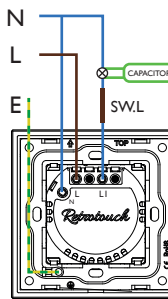
# 2 Way / Intermediate Wiring



1 gang switch*    2 gang switch*    3 gang switch*

**Wi Fi**

To group lights for 2 way or intermediate switching is done through the Retrotouch App. Once wired and power is switched on. Open the Retrotouch App and follow the instructions to setup. For help visit our support pages to view videos on how to setup and use the smart switches.
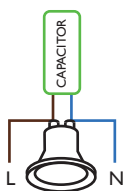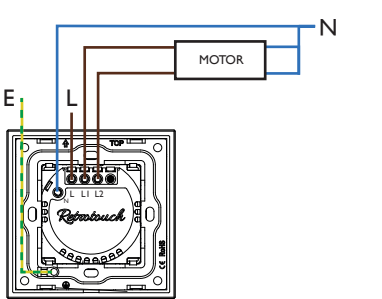
# Dimmer Wiring



A neutral wire is needed for this dimmer.

## *Optional 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 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

# Register your product

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

OR visit **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!

**Retrotouch**

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## 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**

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