

Qoltec®



User Manual

Smart Wi-Fi Touch Wall Switch

Model: 52711, 52712, 52713, 52714, 52715,
52716, 52717, 52718

Introduction

Thank you for choosing our Smart Wi-Fi Switch. Please read this manual before use to ensure you get the most out of your device.

About the product

The Smart Wi-Fi Touch Wall Switch allows you to conveniently control your lighting using a smartphone or voice commands. The device is compatible with the Smart Life and Tuya Smart apps, enabling you to switch lights on and off remotely, create schedules and integrate with your smart home system.

Features

- Control via an iOS or Android smartphone
- Compatible with the Smart Life and Tuya Smart apps
- Voice control – compatible with Amazon Alexa, Google Home and Tmall Genie
- Timer function – option to set automatic switching on and off
- Device operating schedule
- Overload protection allowing for easy replacement of traditional mechanical switches (neutral wire required)
- Smart Scene function – allows you to create automation scenes in your smart home
- Device grouping – ability to manage multiple devices simultaneously

Safety information

1. Before installing or maintaining the device, disconnect the power supply from the electrical circuit.
2. Installation must be carried out in accordance with applicable electrical regulations.
3. If you have no experience with electrical installations, seek the assistance of a qualified electrician.
4. Do not exceed the device's maximum permissible load.
5. Using the device in a manner inconsistent with the instructions may result in damage to the product or the electrical installation, or pose a risk of electric shock.

6. For LED or energy-saving bulbs, a maximum of approximately 300 W per channel is recommended, as their power supplies may place a greater load on the switch's electronics.

Installing the switch

I. How to open the switch panel

Use a flat-bladed screwdriver to gently pry open the clips located at the top, bottom and sides of the switch housing. Then remove the front panel.

Note

- 1) Before you start connecting the wires, make sure the power to the circuit has been switched off at the circuit breaker.
- 2) Before installation, check that the Wi-Fi signal is stable and working correctly.
- 3) The wire colours specified in the manual are standard and may vary depending on the building's electrical installation.
- 4) Ensure that all wires are correctly and securely fastened.

II. Preparing the installation

1. Switch off the power at the circuit breaker.
2. Check that there is no voltage using an electrical tester.
3. Ensure that the switch is in the OFF position.

III. Removing the existing switch

1. Remove the wall panel.
2. Switch on the power and use an electrical tester to identify the live wire.
3. Switch off the power again at the circuit breaker.
4. Remove the existing switch from the junction box.
5. Mark the wires and disconnect them from the old switch.

IV. Connecting the unit

1. Connect the wires to the switch in accordance with the wiring diagram, choosing the appropriate method:

Method 1: – with a neutral (N) wire. A neutral wire is available in the installation; connect this to the N terminal on the device.

Figure 1 in the appendix

Method 2: without a neutral wire (N). There is no neutral wire in the installation. In this case, use the capacitor (included in the kit) as shown in the wiring diagram.

Figure 2 in the appendix

- V. Mount the switch using the screws provided, then attach the wall panel to it.
- VI. Restore the power supply at the circuit breaker, then switch on the lighting.

Wiring diagram

Method I (with neutral wire N)

Connect the live wire (L) to the L terminal

Connect the neutral wire (N) to terminal N

Connect the lighting wires to terminals L1, L2 and L3

Connection depending on the number of buttons:

1-channel switch (Model: 52711, 52715)

Connect the lighting wire to terminal L1.

Figure 3 in the appendix

2-channel switch (Model: 52712, 52716)

Connect the lighting wires to terminals L1 and L2.

Figure 4 in the appendix

3-channel switch (Model: 52713, 52717)

Connect the lighting cables to terminals L1, L2 and L3.

Figure 5 in the appendix

4-channel switch (Model: 52714, 52718)

Connect the lighting cables to terminals L1, L2, L3 and L4.

Maximum load: 300W per channel/10A

Each button controls a separate lighting circuit; therefore, the power limit applies to each circuit individually, rather than to the entire unit as a whole.

Note: For LED or energy-saving bulbs, a maximum of approximately 300 W per channel is recommended, as their power supplies may place a greater load on the switch's electronics.

Method II (without a neutral wire)

Connect the live wire (L) to the 'L' terminal.

Connect the lighting wires to terminals 'L1', 'L2' and 'L3'.

Note:

In an installation without a neutral wire, a capacitor must be used.

The capacitor must be connected to the lamp in accordance with the diagram.

Connection depending on the number of buttons:

1-channel switch (Model: 52711, 52715)

Connect the lighting cable to terminal L1.

The lamp connected to L1 must be connected to the capacitor.

2-channel switch (Model: 52712, 52716)

Connect the lighting wires to terminals L1 and L2.

A lamp connected to L1 must be connected to a capacitor.

3-channel switch (Model: 52713, 52717)

The lighting wires must be connected to terminals L1, L2 and L3.

A lamp connected to L1 must be connected to a capacitor.

Adding the device to the Smart Life / Tuya Smart app

Figure 6 in the appendix

1. Download and install the Smart Life or Tuya Smart app – scan the QR code.
2. Enable Wi-Fi and Bluetooth in your phone's settings.
3. Open the Smart Life app, register an account or log in.
4. Switch on the device, then press and hold the button for about 8 seconds until the Wi-Fi LED starts flashing rapidly – this indicates setup mode.

5. In the app, tap the '+' in the top right-hand corner and select 'Add a new device'.
6. Make sure the LED is flashing rapidly (twice per second), then proceed to the next step.
7. Enter your Wi-Fi network password.
8. Give the device a name.
9. When the Wi-Fi LED is lit steadily, the device is connected to the network.

Voice control

The device is compatible with Amazon Alexa, Google Assistant and Tmall Genie

Open the Smart Life app and find the voice control setup guide in the 'Me' section.

Note: Before using voice control, you must log in to your Amazon Alexa, Google Assistant or Tmall Genie account.

Technical specifications

Voltage: 220–240V~50/60Hz

Maximum load: 300W per channel (LED)

Wi-Fi: IEEE 802.11 b/g/n 2.4 GHz

RF frequency: 433.92 MHz

Maximum load current: 10 A

Power consumption: < 0.5 W

Operating temperature: 0°C–40°C

Maintenance

The housing should only be cleaned with a soft, dry or slightly damp cloth. Do not use chemicals, solvents or abrasive materials, as these may damage the surface of the device.

Disposal

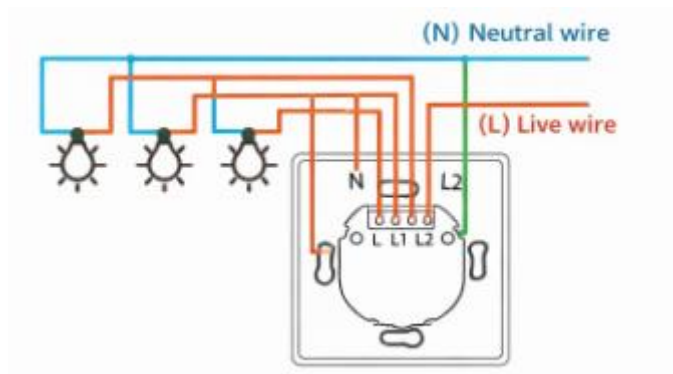
Do not dispose of the end-of-life device with household waste. The product must be taken to an appropriate collection point for waste electrical and electronic equipment in accordance with applicable environmental regulations.

Warranty

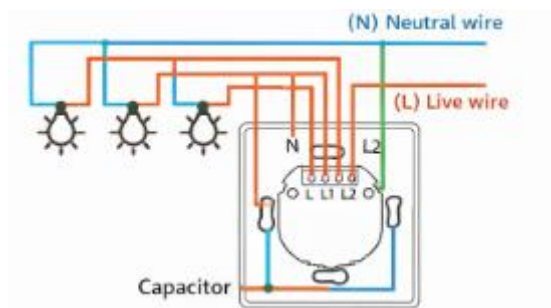
The product is covered by the manufacturer's warranty. The warranty covers defects resulting from manufacturing or material faults that become apparent during normal use of the device. The warranty does not cover damage resulting from misuse, unauthorised modifications to the device or mechanical damage.

Attachment

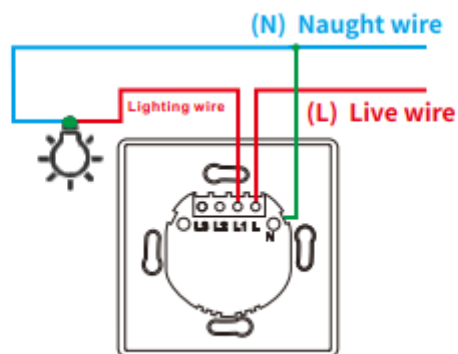
1



2

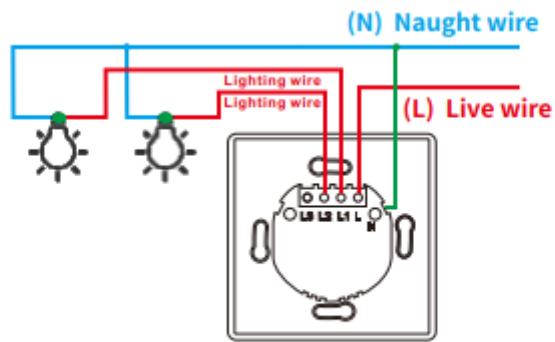


3



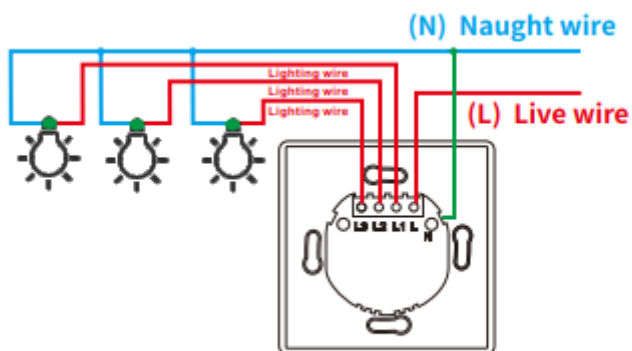
1Gang switch lighting wire connection: "L1" terminal

4



2Gang switch lighting wire connection: "L1,L2" terminals

5



3Gang switch lighting wire connection: "L1,L2,L3" terminals

6

