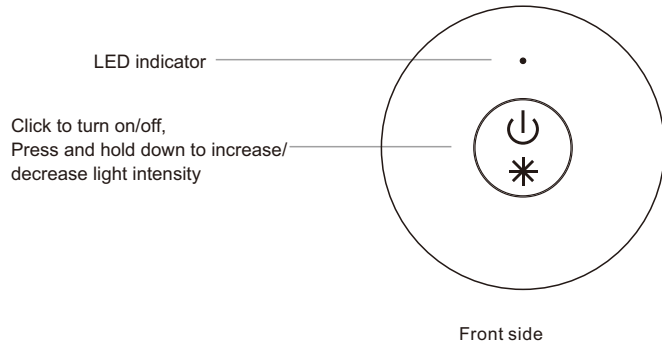


Mini Zigbee Remote Switch

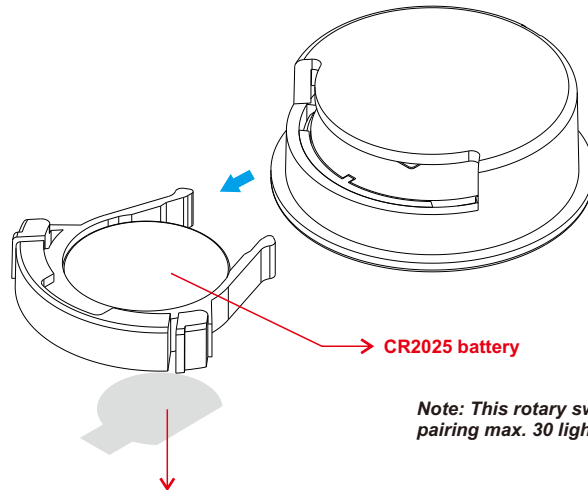


Important: Read All Instructions Prior to Installation

Function introduction



Front side



Note: This rotary switch supports 1 group for pairing max. 30 lighting devices.

Note: Before the first use, please remove the protective film on the battery.

- ZigBee mini remote switch based on ZigBee 3.0
- Battery powered switch with low power consumption
- Enables to pair ZigBee lighting devices via touchlink commissioning without gateway
- Supports 1 group for pairing max. 30 lighting devices
- 2.4 GHz global operation
- Transmission range up to 30m
- Compatible with universal ZigBee Gateway products
- Enables to pair and control single color zigbee light devices

Safety & Warnings

- DO NOT install with power applied to the device.
- DO NOT expose the device to moisture.

70100040

Product Data

Protocol	ZigBee 3.0
Input Voltage	3VDC (CR2025)
Transmission Frequency	2.4GHz
Transmission Range (free field)	30m
Protection Type	IP20
Dimming Range	1%-100%
Dimensions	Φ 38. 5x14.8mm

ZigBee Clusters Supported by This Remote Are As Follows:

Input clusters:

- Basic
- Power Configuration
- Identify
- Diagnostics

Output clusters:

- Identify
- Group
- On/off
- Scene
- Level control
- Ota

Operation

1. This ZigBee rotary switch is a wireless transmitter that communicates with a variety of ZigBee compatible systems. This transmitter sends wireless radio signals that are used to remotely control a compatible system.

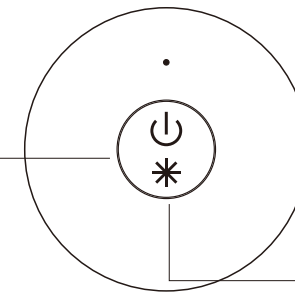
2. This ZigBee remote supports 1 group for pairing lighting devices and enables to control single color ZigBee lighting devices.

3. Zigbee Network Pairing through Gateway or Hub (Added to a Zigbee Network)

Note: Please short press the button to activate the remote switch for 25 seconds before operation.

Step 1: Remove the switch from previous Zigbee network if it has already been added to it, otherwise pairing will fail. Please refer to the part "Factory Reset Manually".

Step 4: Within 2 seconds after step 3, press and hold the button for over 4 seconds, indicator flashes twice per second, 60 seconds timeout if there is no network. Indicator will then blink 5 times quickly for successful pairing.



Step 2: From your zigbee controller or hub interface, choose to add device or accessory and enter Pairing mode as instructed by the controller.

Step 3: Short press the button 5 times quickly continuously.

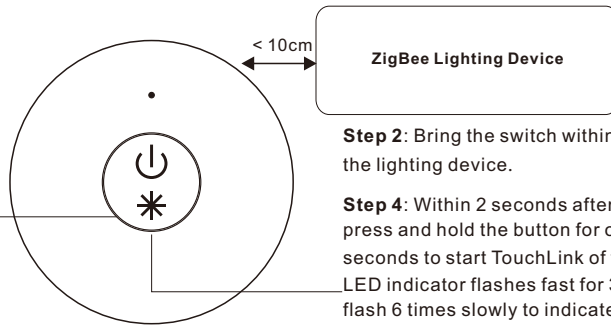
Note: 1) After pairing successfully, the switch information will appear on the controller or hub interface.
2) No remote information will appear on the hub interface if pairing to some Zigbee hubs.

4. TouchLink to a Zigbee Lighting Device

Note: Please short press the button to activate the remote switch for 25 seconds before operation.

Step 1: Set the zigbee lighting device to start TouchLink commissioning (normally by short pressing the "Prog." or "Reset" button 4 times), please refer to its manual to learn how.

Step 3: Short press the button 3 times quickly continuously.



Step 2: Bring the switch within 10cm of the lighting device.

Step 4: Within 2 seconds after step 3, press and hold the button for over 4 seconds to start TouchLink of the switch. LED indicator flashes fast for 3S, then flash 6 times slowly to indicate successful pairing to the device and the light connected to the device will blink twice.

Note: 1) Directly TouchLink (both not added to a ZigBee network), please first factory reset both the switch (only need to reset when touchlink with 1st device) and device, each switch can link with max. 30 devices, please make sure the first linked device is always powered on when touchlink the switch with 2nd device and more devices.

2) TouchLink after both added to a ZigBee network, each device can link with max. 30 switches.

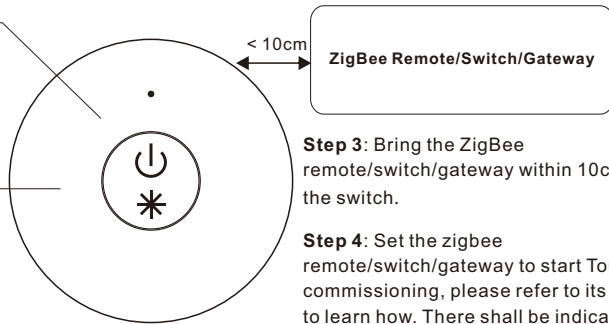
3) To control by both switch and hub, add both switch and device to network first then TouchLink, after TouchLink, the device can be controlled by the linked switches and Zigbee hub together.

5. TouchLinked by a Zigbee Remote/Switch/Gateway

Note: Please short press the button to activate the remote switch for 25 seconds before operation.

Step 1: Short press the button 4 times quickly continuously.

Step 2: Within 2 seconds after step 1, press and hold the button for over 3 seconds to start passive TouchLink of the switch.



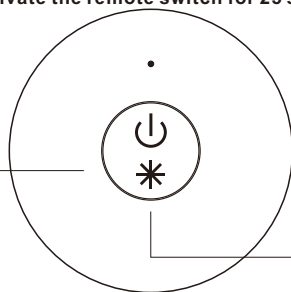
Step 3: Bring the ZigBee remote/switch/gateway within 10cm of the switch.

Step 4: Set the zigbee remote/switch/gateway to start TouchLink commissioning, please refer to its manual to learn how. There shall be indication on the Remote/Switch/Gateway that touchlink is successful.

6. Factory Reset the Switch

Note: Please short press the button to activate the remote switch for 25 seconds before operation.

Step 2: Within 2 seconds after step 1, press and hold the button for over 4 seconds, indicator will flash 3 times for successful reset.

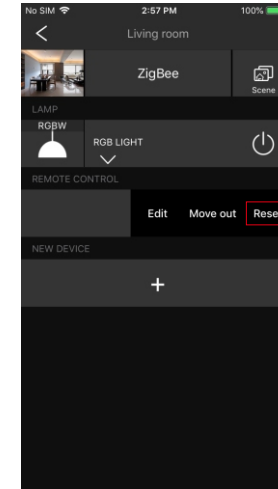


Step 1: Short press the button 5 times continuously and quickly.

Note: 1) All configuration parameters will be reset after the switch is reset or removed from the network.
2) Once reset successfully, the switch will be set into network pairing mode automatically.

7. Removed from a Zigbee Network through Coordinator or Hub Interface

Note: Please short press the button to activate the remote switch for 25 seconds before operation.



From your ZigBee controller or hub interface, choose to delete or reset the remote as instructed, indicator flashes 3 times quickly to indicate successful removing.

8. OTA

The remote supports firmware updating through OTA, and will acquire new firmware from zigbee controller or hub every 10 minutes automatically.

9. How to Check Whether the Remote Belongs to a Network or not

Short press any buttons, if there is no indication from the indicator, the remote does not belong to any zigbee network, if the indicator flashes, the remote has already been added to a network.

10. Battery Power Monitor Function

The remote will report battery power value to the gateway under following situations:

- When powered on.
- When operating the switch to send data packets (over 40 minutes since last operation).
- When added to the zigbee network by a gateway.

Install the remote control on the wall

1. Fix the magnet in the chute of the back shell

2. Screw the back cover onto the wall

3. The back cover can suck the remote control on the wall.

