



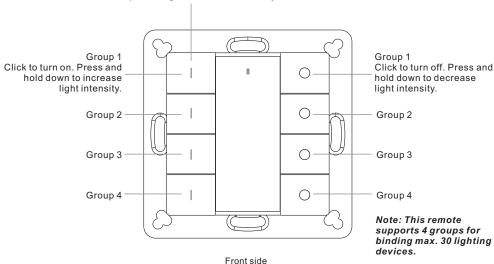


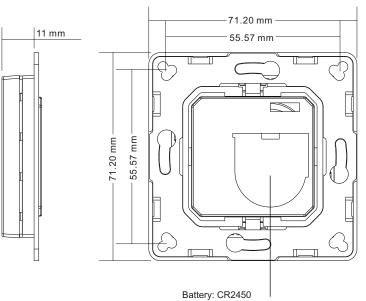


Important: Read All Instructions Prior to Installation

#### **Function introduction**

Press and hold down both keys together to search and pair to ZigBee network or factory reset the controller.





#### **Product Data**

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- ZigBee dim remote based on ZigBee 3.0
- Enables to control both single color lighting devices
- Battery powered remote with low power consumption
- · Enables to pair ZigBee lighting devices via touchlink commissioning without coordinator
- · Supports find and bind mode to pair with ZigBee lighting
- Supports 4 groups for binding max. 30 lighting devices
- 2.4 GHz global operation
- Transmission range up to 30m
- Compatible with universal ZigBee Gateway products
- Compatible with universal single color ZigBee lighting devices

# ZigBee Clusters Supported by This Remote Are As Follows: Input clusters:

 Power Configuration Basic

Identify

Diagnostics

**Output clusters:** 

 Identify Group

On/off

· Level control

Ota

# Safety & Warnings

- This device contains a button lithium battery that shall be stored and disposed properly.
- · DO NOT expose the device to moisture.

#### Operation

- 1. This ZigBee Dim remote 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 4 groups for binding max. 30 lighting devices and enables to control single color ZigBee lighting devices.

LED indicator

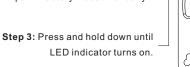
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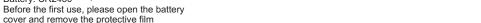
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## 3. Zigbee Network Pairing through Coordinator or Hub (Added to a Zigbee Network)

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

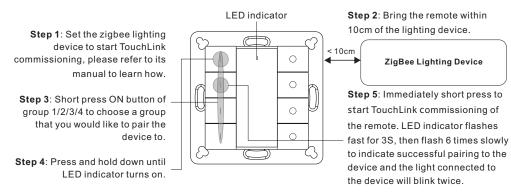


- Step 2: From your zigbee controller or hub interface, choose to add device or accessory and enter Pairing mode as instructed by the controller.
- Step 4: Immediately short press to search nearby network, indicator flashes every 1 second, 20 seconds timeout if there is no network. Indicator will then blink 5 times quickly for successful pairing.



Note: 1) After pairing successfully, the remote information will appear on the controller or hub interface. 2) No remote information will appear on the hub interface if pairing to Philips Hue Bridge.

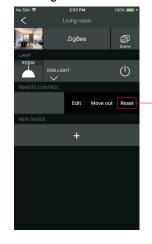
# 4. TouchLink to a Zigbee Lighting Device



Note: 1) Directly TouchLink (both not added to a ZigBee network), each remote can link with 30 devices.

- 2) TouchLink after both added to a ZigBee network, each remote can link with max. 30 devices.
- 3) For Hue Bridge & Amazon Echo Plus, add remote and device to network first then TouchLink.
- 4) After TouchLink, the remote can control the linked lighting devices.

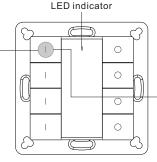
# 5. Removed from a Zigbee Network through Coordinator or Hub Interface



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.

# 6. Factory Reset Manually

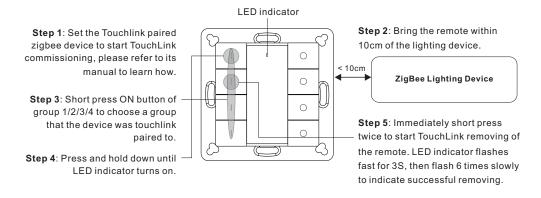
Step 1: Press and hold down until LED indicator turns on.



Note: All configuration parameters will be reset after the remote is reset or removed from the network.

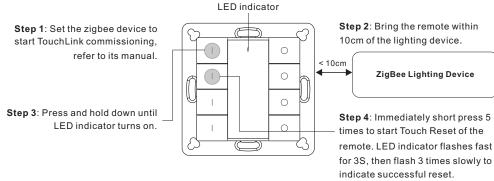
Step 2: Immediately short press 5 times continuously, indicator flashes 3 times quickly to indicate successful reset.

# 7. Remove a Touchlink Paired ZigBee Lighting Device



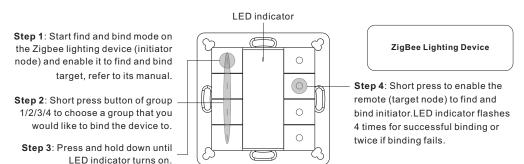
# 8. Factory Reset a Lighting Device (Touch Reset)

Note: the device shall be added to a network, the remote added to the same one or not added to any network.



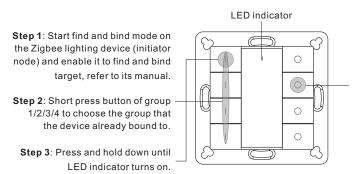
# 9. Find and Bind a Zigbee Lighting Device

Note: Make sure the device and remote already added to the same zigbee network.



Note: Each remote can bind max. 30 lighting devices.

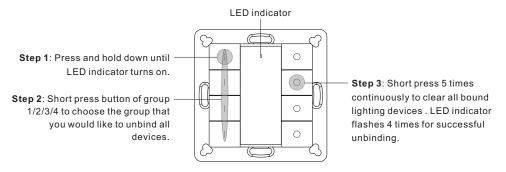
## 10. Find and Unbind a Zigbee Lighting Device



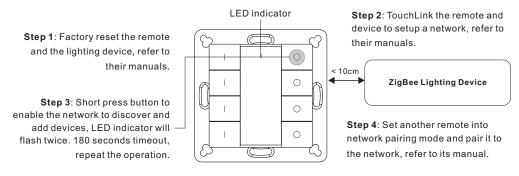
### ZigBee Lighting Device

Step 4: Short press twice to enable the remote (target node) to find and unbind initiator. LED indicator flashes 4 times for successful unbinding or twice if unbinding fails.

# 11. Clear All Find and Bind Mode Paired Lighting Devices



## 12. Setup a Network & Add Devices to the Network (No Coordinator or Hub Required)



- Step 5: Add more remotes to the network as you would like.
- Step 6: Factory reset the lighting devices that you would like to add to the network, refer to their manuals.
- **Step 7**: Touchlink to pair the added remotes and lighting devices you would like to add, the devices will be added to the network through Touchlink, refer to their manuals.

#### 13. OTA

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

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

Short press any button, indicator blinking means the remote has already been added to a network, no blinking of indicator means the remote does not belong to any network.

## 15. Battery Power Monitor Function

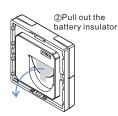
# The remote will report battery power value to the coordinator under following situations:

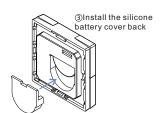
- · When powered on.
- When short pressing both | and \( \) buttons of group 2 simultaneously.
- When operating the switch to send data packets (over 4 hours since last operation).
- When added to the network by a coordinator.

#### Installation

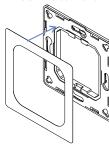
#### 1.Remove battery insulator

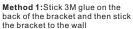






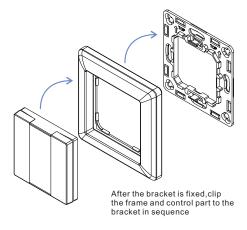
2.Install the controller to wall(2 methods)







Method 2:Screw the bracket to the wall



#### Mounting

The key part of this controller is an universal one, especially rotary standard switch element that can be integrated in numerous frames by different manufactures as below list:

BEKER	S1, B1, B3, B7 glass
GIRA	Standard55, E2, Event, Esprit
JUNG	A500, Aplus
MERTEN	M-smart, M-Arc, M-Plan