

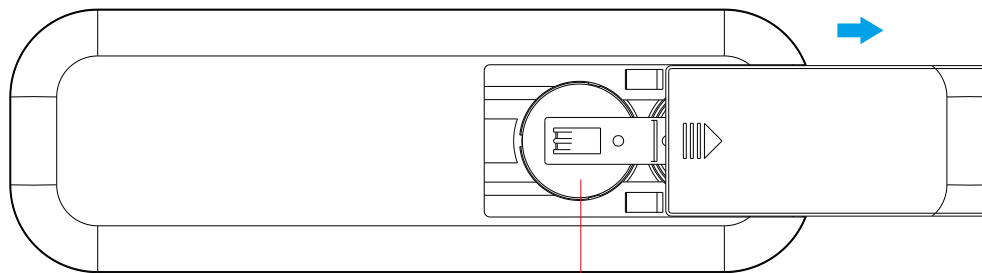
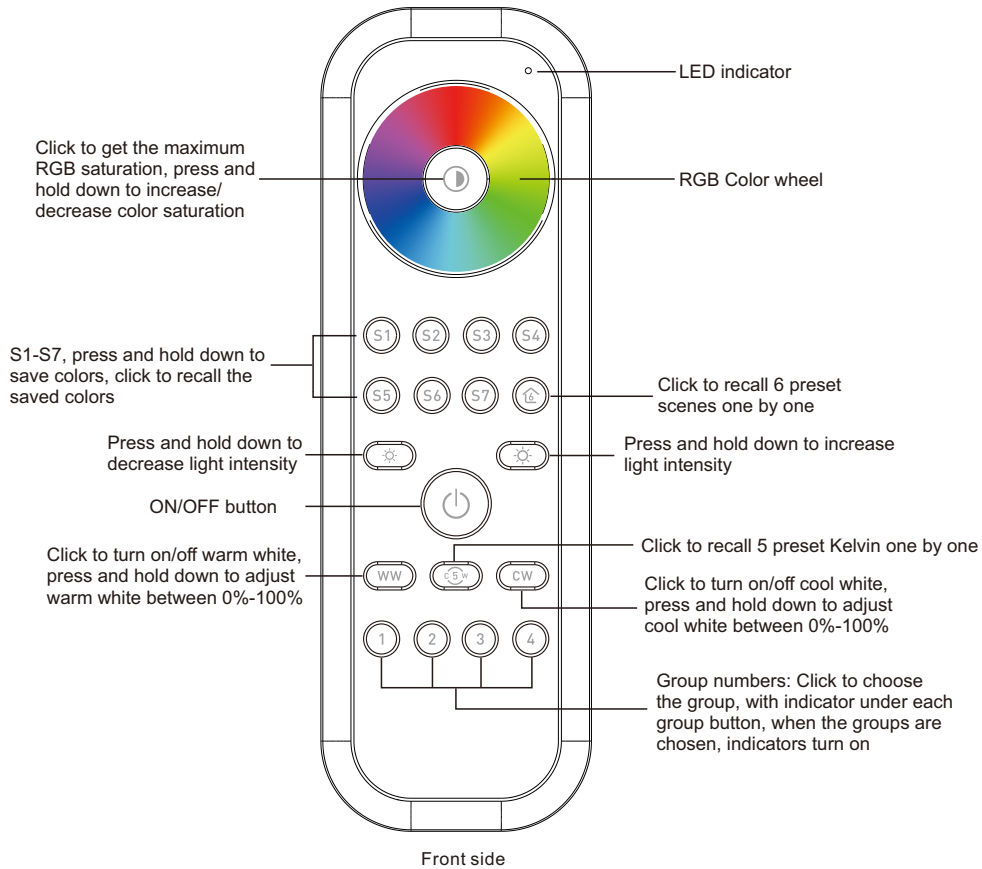
# RGB CCT DIM 3 in 1 Zigbee Remote

70100032



**Important:** Read All Instructions Prior to Installation

## Function introduction



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

## Product Data

Protocol	ZigBee 3.0
Operation Voltage	6V(2*CR2032 battery)
Transmission Frequency	2.4GHz
Transmission Range (free field)	30m
Dimming Range	0.1%-100%
Dimension	137x45x13mm
Protection Grade	IP20

- ZigBee RGB+CCT+DIM remote based on ZigBee 3.0
- High sensitive & high stable touch color wheel, fast & precise color control
- Battery powered remote with low power consumption
- Enables to pair ZigBee lighting devices through touchlink commissioning
- Supports find and bind mode to pair with ZigBee lighting devices
- Supports 4 groups for binding max. 30 lighting devices
- With 6 preset scenes, 5 preset Kelvin, enables to save and recall 7 scenes
- Enables to adjust RGB color saturation
- 2.4 GHz global operation
- Transmission range up to 30m
- Compatible with universal ZigBee Gateway products
- Enables to bind and control universal DIM, CCT, RGB, RGBW and RGB+CCT zigbee lighting devices

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

### Input clusters:

- Basic
- Power Configuration
- Identify
- Diagnostics

### Output clusters:

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

## Safety & Warnings

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

## Operation

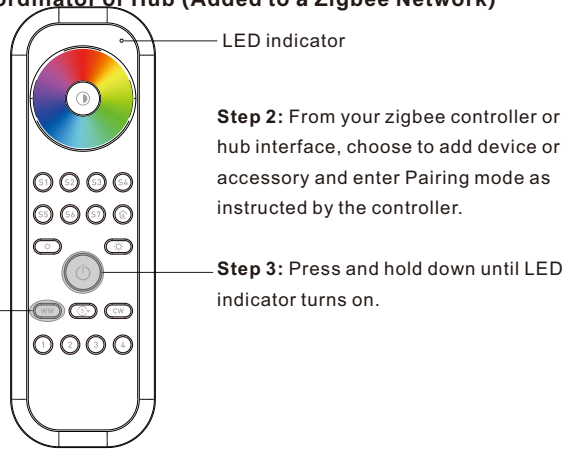
1. This ZigBee remote is a wireless transmitter that communicates with a variety of ZigBee compatible systems. This transmitter sends wireless radio signals that are used to remotely control a compatible system.

2. This ZigBee remote supports 4 groups for binding max. 30 lighting devices and enables to control DIM, CCT, RGB, RGBW and RGB+CCT zigbee lighting devices.

### 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".

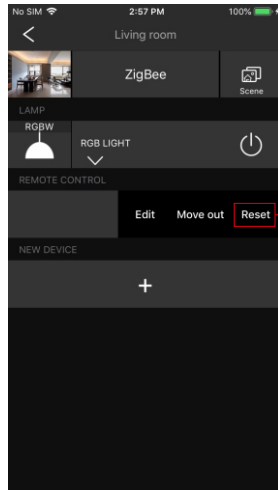
**Step 4:** Immediately short press to search nearby network, indicator flashes every 1 second, 20 seconds timeout if there is no network. Indicator will then blink 5 times quickly for successful pairing.



**Note:** 1) After pairing successfully, the remote information will appear on the controller or hub interface.

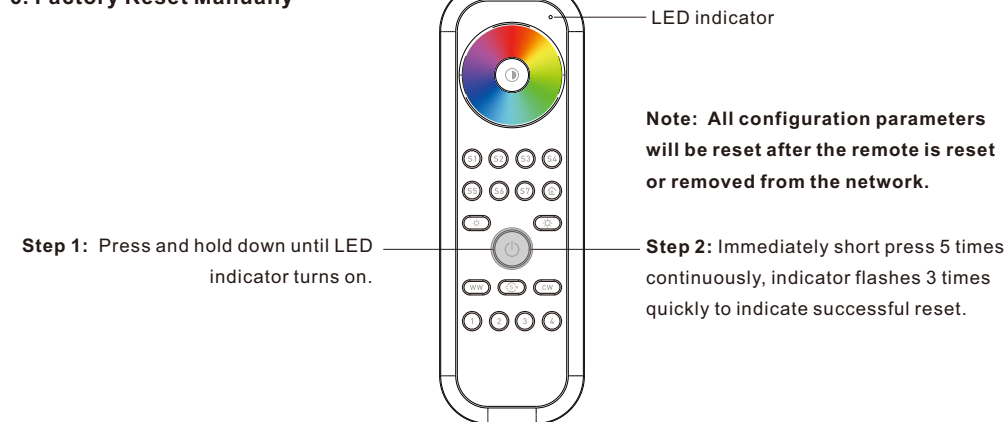
2) No remote information will appear on the hub interface if pairing to some Zigbee hubs.

### 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.

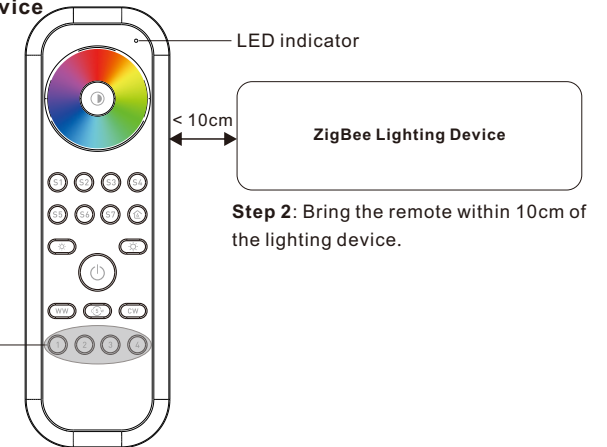
### 6. Factory Reset Manually



### 4. TouchLink to a Zigbee Lighting Device

**Step 1:** Set the zigbee lighting device to start TouchLink commissioning, please refer to its manual to learn how.

**Step 3:** Press and hold down any group button to start TouchLink commissioning of the remote. 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), 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) to control by both zigbee hub and remote, add remote and device to network then TouchLink.

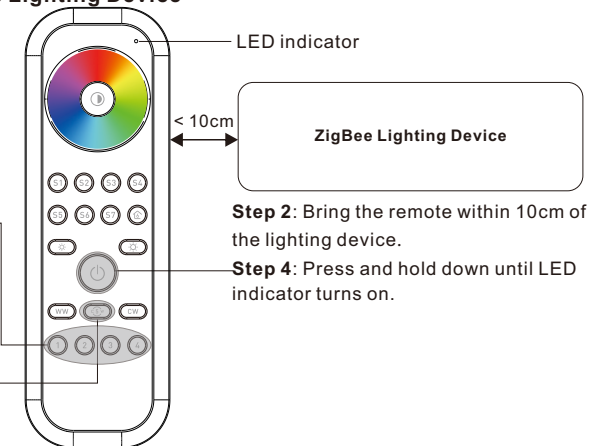
4) After TouchLink, the remote can control the linked lighting devices.

### 7. Remove a Touchlink Paired ZigBee Lighting Device

**Step 1:** Set the Touchlink paired zigbee device to start TouchLink commissioning, please refer to its manual to learn how.

**Step 3:** Short press the group button that the device was linked to.

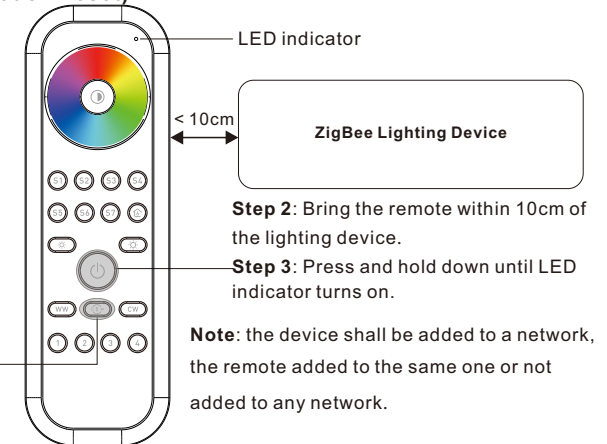
**Step 5:** Immediately short press twice to start TouchLink removing of the remote. LED indicator flashes fast for 3S, then flash 6 times slowly to indicate successful removing.



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

**Step 1:** Set the Touchlink paired zigbee device to start TouchLink commissioning, please refer to its manual to learn how.

**Step 4:** Immediately short press 5 times to start Touch Reset of the remote. LED indicator flashes fast for 3S, then flash 3 times slowly to indicate successful reset.



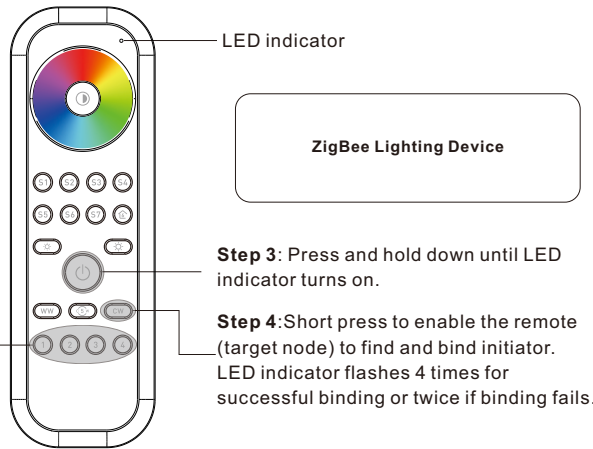
## 9. Find and Bind a Zigbee Lighting Device

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

**Step 1:** Start find and bind mode on the Zigbee lighting device (initiator node) and enable it to find and bind target, refer to its manual.

**Step 2:** Short press a group button that you would like to bind the device to.

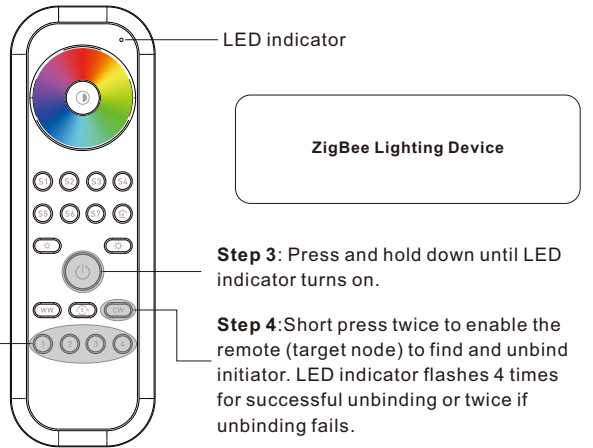
**Note:** Each remote can bind max. 30 lighting devices.



## 10. Find and Unbind a Zigbee Lighting Device

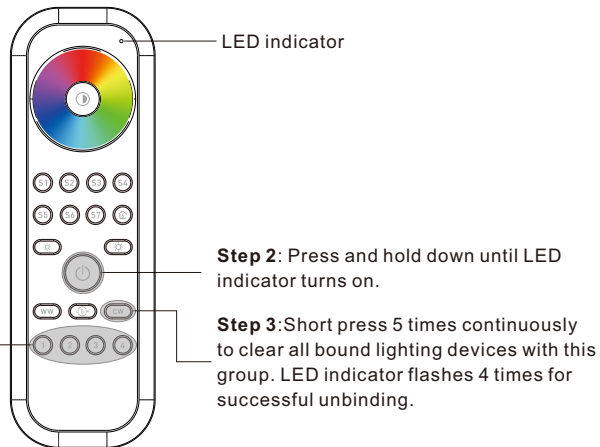
**Step 1:** Start find and bind mode on the ZigBee lighting device (initiator node) and enable it to find and unbind target, refer to its manual.

**Step 2:** Short press the group button that the device already bound to.



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

**Step 1:** Short press to choose the group that you would like to unbind all devices.



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

**Step 1:** Factory reset the remote and the lighting device, refer to their manuals.

**Step 2:** TouchLink the remote and device to setup a network, refer to their manuals.

**Step 3:** Press and hold down until LED indicator turns on.

**Step 4:** Short press to enable the network to discover and add devices, LED indicator will flash twice. 180 seconds timeout, repeat the operation.

**Step 6:** Add more remotes to the network as you would like.

**Step 7:** Factory reset the lighting devices that you would like then add them to the network, refer to their manuals.

**Step 8:** Touchlink to pair the added remotes and lighting devices, refer to their manuals. Each remote can link with max. 30 lighting devices. Each lighting device can be linked by max. 30 remotes.

## 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 other buttons except group buttons, 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 operating the switch to send data packets (over 4 hours since last operation).
- When added to the network by a coordinator.

