

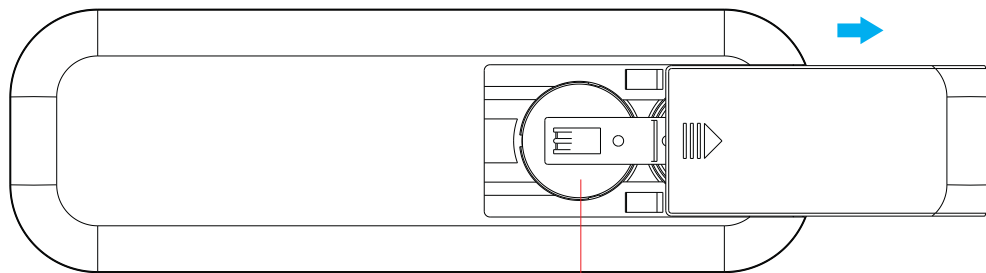
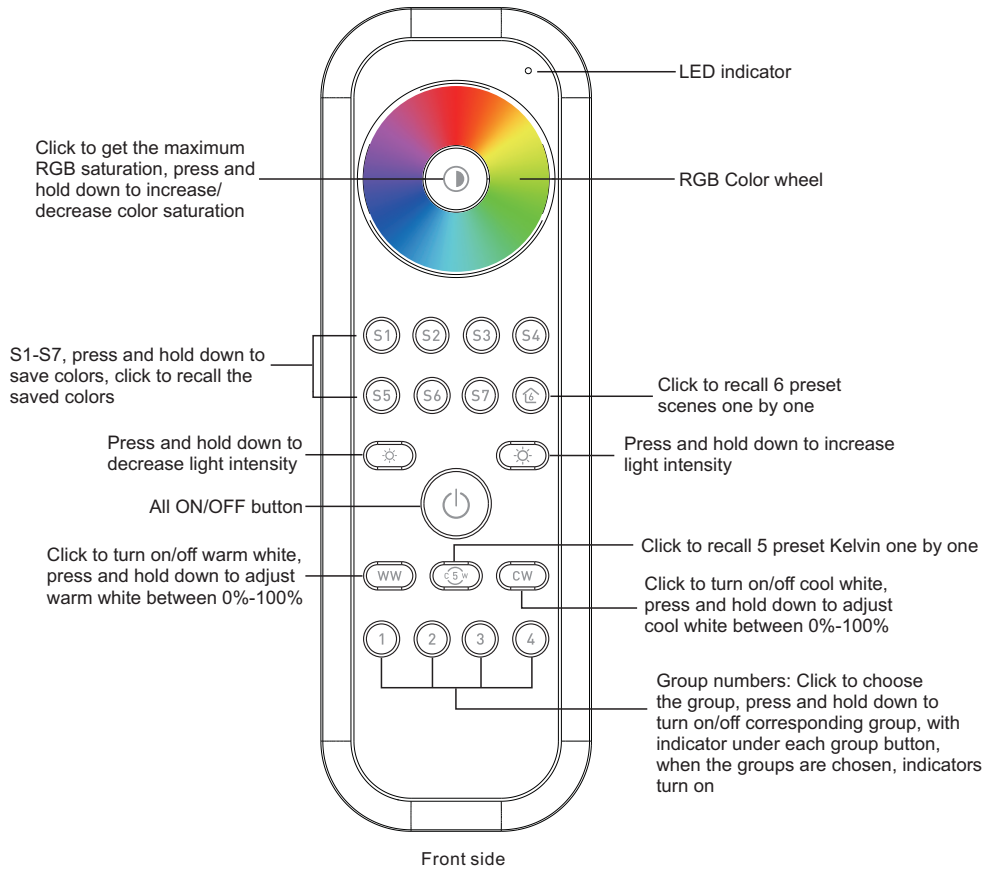
# RGB CCT DIM 3 in 1 Zigbee Remote

09.ZG2868.04841



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

## Function introduction



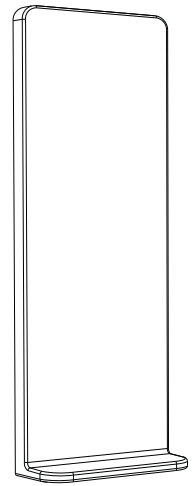
6V(2\*CR2032 battery)

Bottom side

**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



Magnetic Bracket

- 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

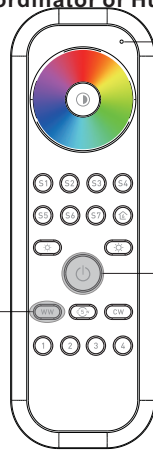
1. This ZigBee remote is a wireless transmitter that communicates with a variety of ZigBee compatible systems. This transmitter sends wireless radio signals that are used to remotely control a compatible system.

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.



LED indicator

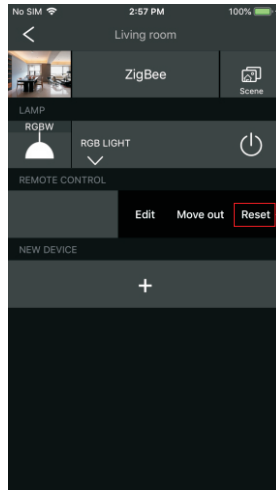
**Step 2:** From your zigbee controller or hub interface, choose to add device or accessory and enter Pairing mode as instructed by the controller.

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

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

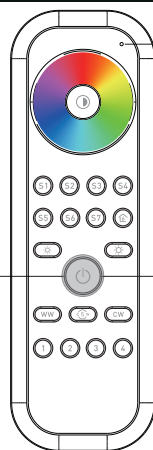
2) No remote information will appear on the hub interface if pairing to Philips Hue Bridge.

### 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



LED indicator

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

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

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

### 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.



LED indicator

< 10cm

ZigBee Lighting Device

**Step 2:** Bring the remote within 10cm of the 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.

### 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.



LED indicator

< 10cm

ZigBee Lighting Device

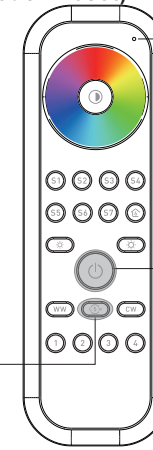
**Step 2:** Bring the remote within 10cm of the lighting device.

**Step 4:** Press and hold down until LED indicator turns on.

### 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.



LED indicator

< 10cm

ZigBee Lighting Device

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

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

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

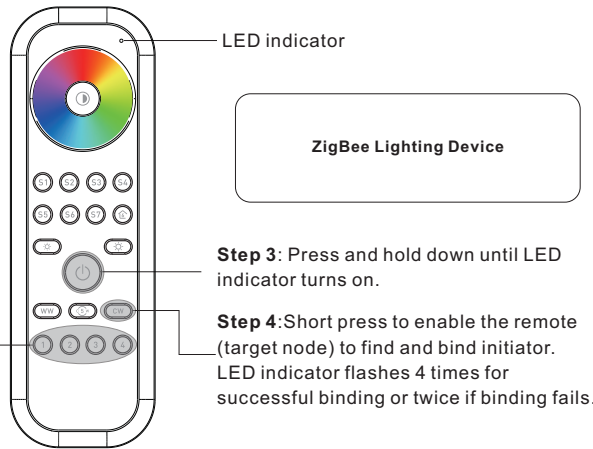
## 9. Find and Bind a Zigbee Lighting Device

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

**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.

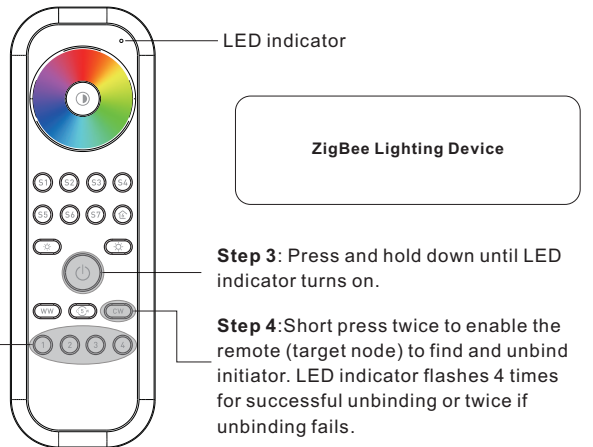
**Note:** Each remote can bind max. 30 lighting devices.



## 10. Find and Unbind a Zigbee Lighting Device

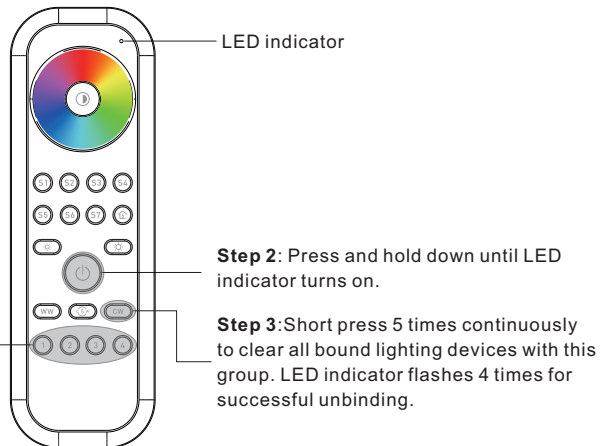
**Step 1:** Start find and bind mode on the ZigBee lighting device (initiator node) and enable it to find and unbind target, refer to its manual.

**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.

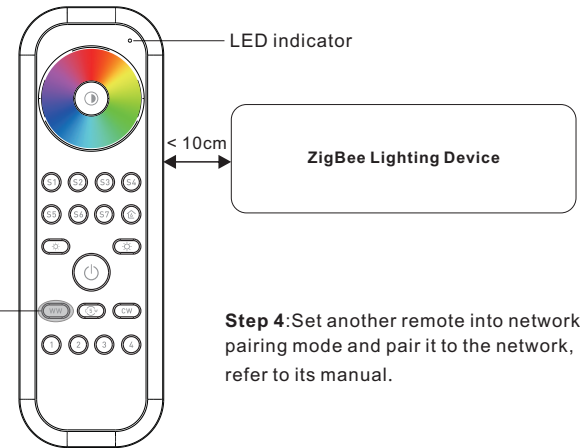


## 12. Setup a Network & Add Devices to the Network (No Coordinator or Hub Required)

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



**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 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.