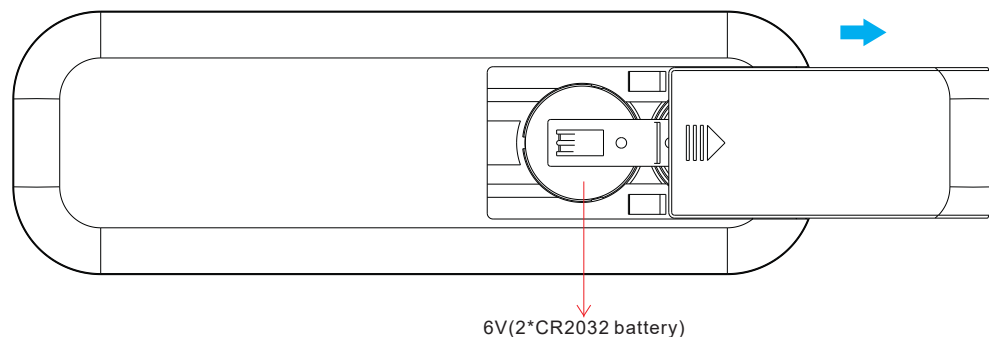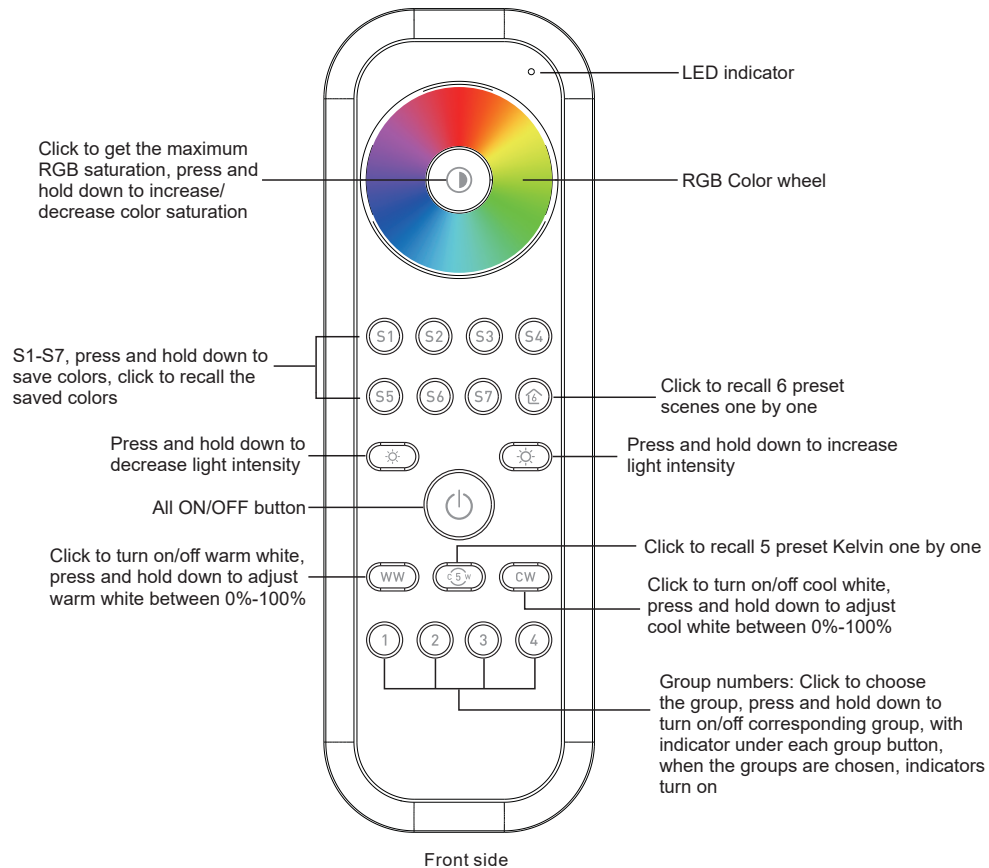# RGB CCT DIM 3 in 1 Zigbee Remote

09.ZG2868.04841

*Important:* Read All Instructions Prior to Installation

## Function introduction
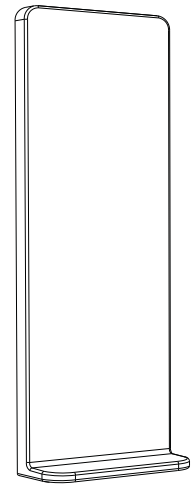
LED indicator

Click to get the maximum RGB saturation, press and hold down to increase/decrease color saturation

RGB Color wheel

S1-S7, press and hold down to save colors, click to recall the saved colors

Click to recall 6 preset scenes one by one

Press and hold down to decrease light intensity

Press and hold down to increase light intensity

All ON/OFF button

Click to turn on/off warm white, press and hold down to adjust warm white between 0%-100%

Click to recall 5 preset Kelvin one by one

Click to turn on/off cool white, press and hold down to adjust cool white between 0%-100%

Group numbers: Click to choose the group, press and hold down to turn on/off corresponding group, with indicator under each group button, when the groups are chosen, indicators turn on

Front side

6V(2*CR2032 battery)

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

Bottom side

## 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.
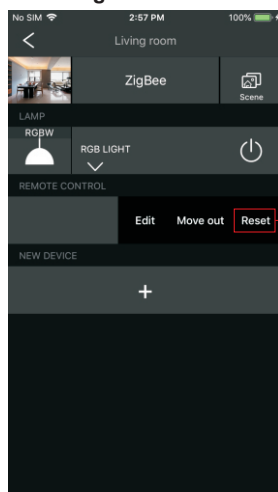
LED indicator

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

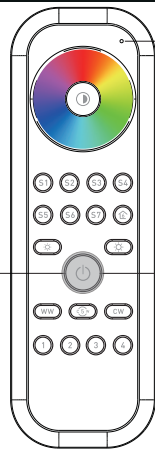**Step 3:** Press and hold down until LED indicator turns on.

**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.**
**3) When pairing to 2MQTT systems, system will signal incompatible device despite the device being compatible**

## 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

LED indicator

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

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

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

**Step 3**: Short press any button to choose a group to touchlink.

< 10cm

**ZigBee Lighting Device**

**Step 5**:Immediately short press 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) 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. Direct connection to ZigBee lighting device

LED indicator

**Step 1:** Start pairing mode on the target device. For instructions, refer to the device's manual

**ZigBee Lighting Device**

**Step 3**: Hold device within 10 cm of target lighting device. Press and hold zone button for target zone.

**Step 2:** Press the ON/OFF button.The LED indicator will turn on.
**Note:** Each remote can bind max. 30 lighting devices.

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

## 8. OTA

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