

Product Name: Remote Ultra Ultra RGB+CCT LED Dimming Zigbee Remote

Product Code: K30-2052Z



Kit Contents

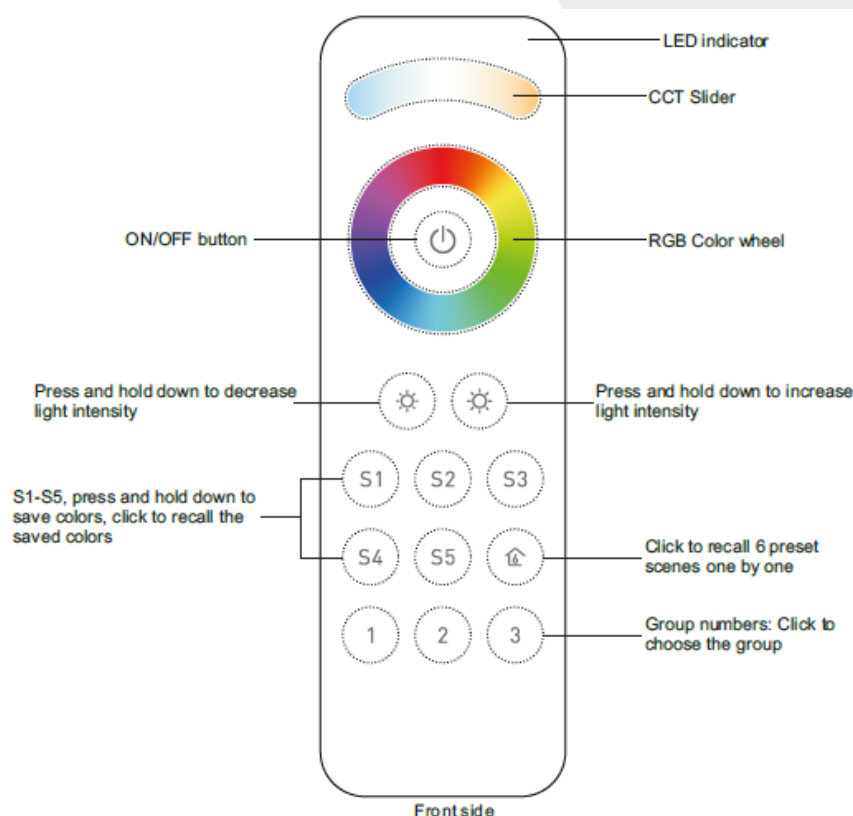
- RGB+CCT dimming Zigbee remote

Important Safety Information

DISCLAIMER: PLEASE NOTE INSTALLATION SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN!

- 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.
- This Zigbee remote supports 3 groups for binding max. 30 lighting devices and enables to control DIM, CCT, RGB, RGBW and RGB+CCT Zigbee lighting devices.
- This device contains AAA batteries that shall be stored and disposed properly.
- DO NOT expose the device to moisture.

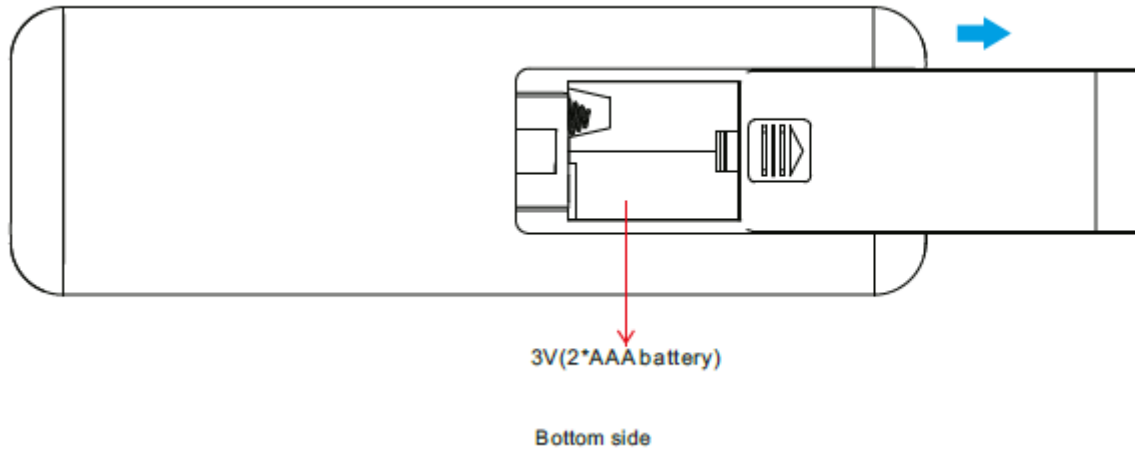
Function Introduction



INSTALLATION GUIDE

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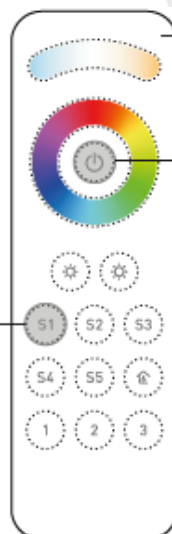


Installation

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.



For further details, prices and/or to order contact

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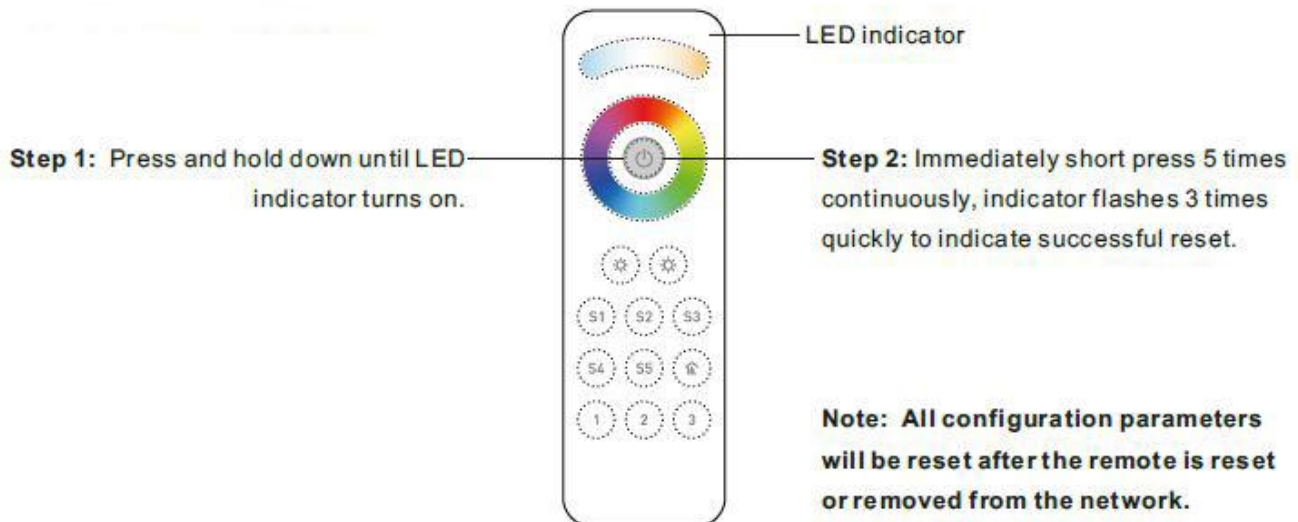
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Removed from a Zigbee Network through Coordinator or Hub Interface

- 1 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.

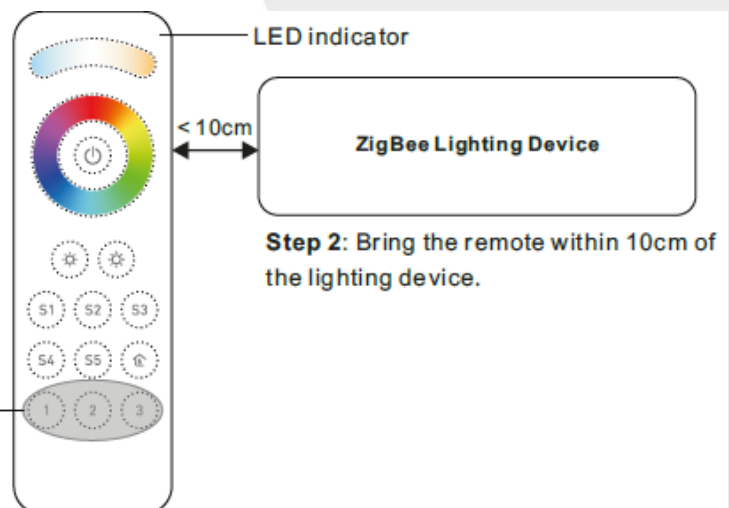
Factory Reset Manually



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) 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.



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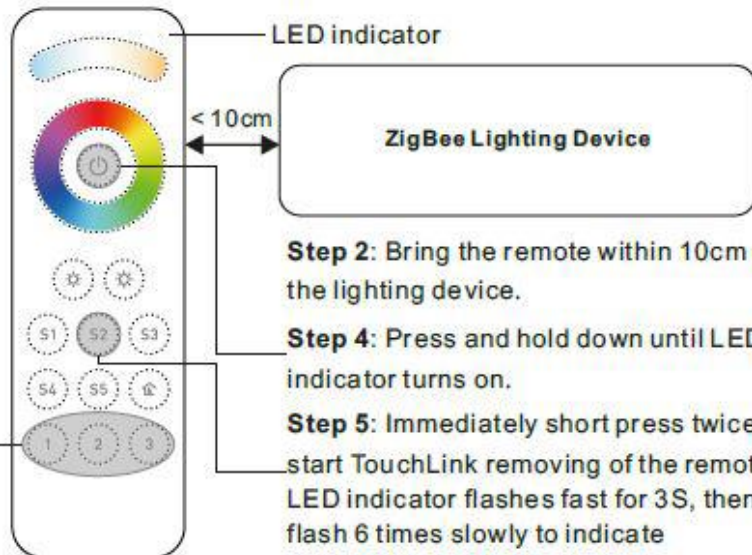
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Remove a Touchlink Paired Zigbee Lighting Device

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

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

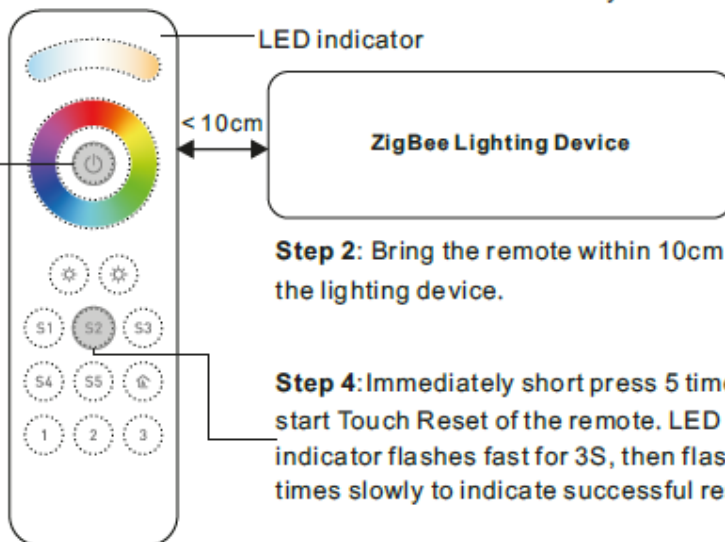
Step 5: Immediately short press twice to start TouchLink removing of the remote. LED indicator flashes fast for 3S, then flash 6 times slowly to indicate successful removing.

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.

Step 1: Set the zigbee device to start TouchLink commissioning, refer to its manual.

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



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

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.

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Find and Bind a Zigbee Lighting Device

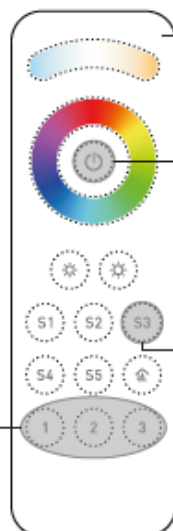
Note: Make sure the device and remote already added to the same zigbee network.

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.

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

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



LED indicator

ZigBee Lighting Device

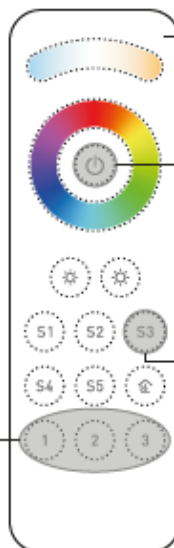
Step 3: Press and hold down until LED indicator turns on.

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

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.



LED indicator

ZigBee Lighting Device

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

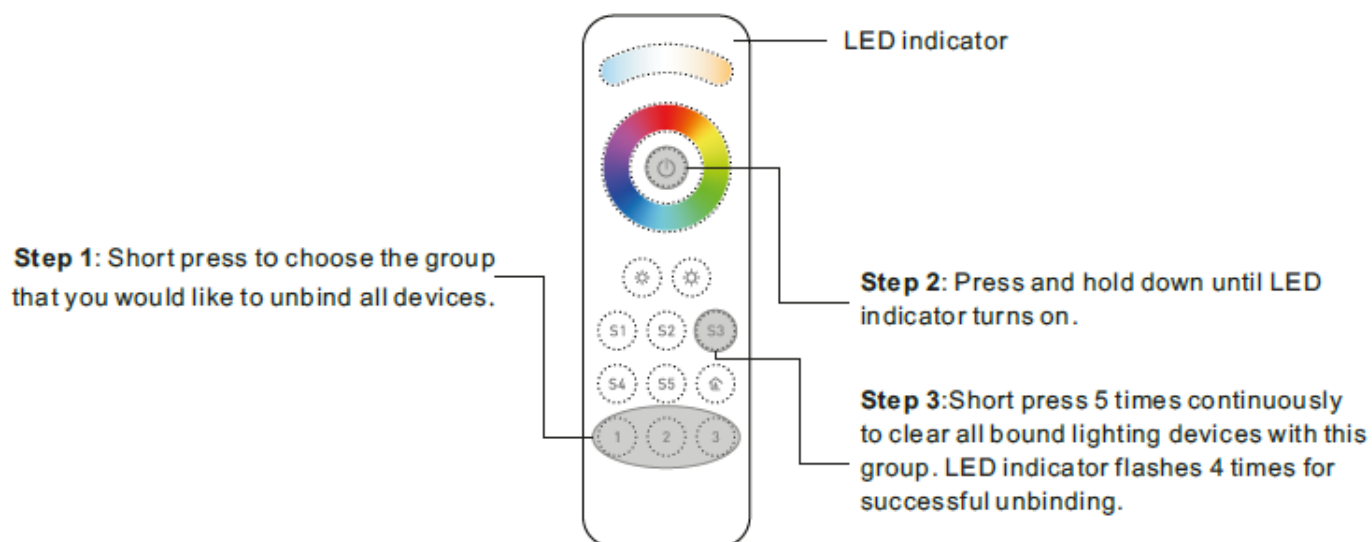
Step 4: Short press twice to enable the remote (target node) to find and unbind initiator. LED indicator flashes 4 times for successful unbinding or twice if unbinding fails.

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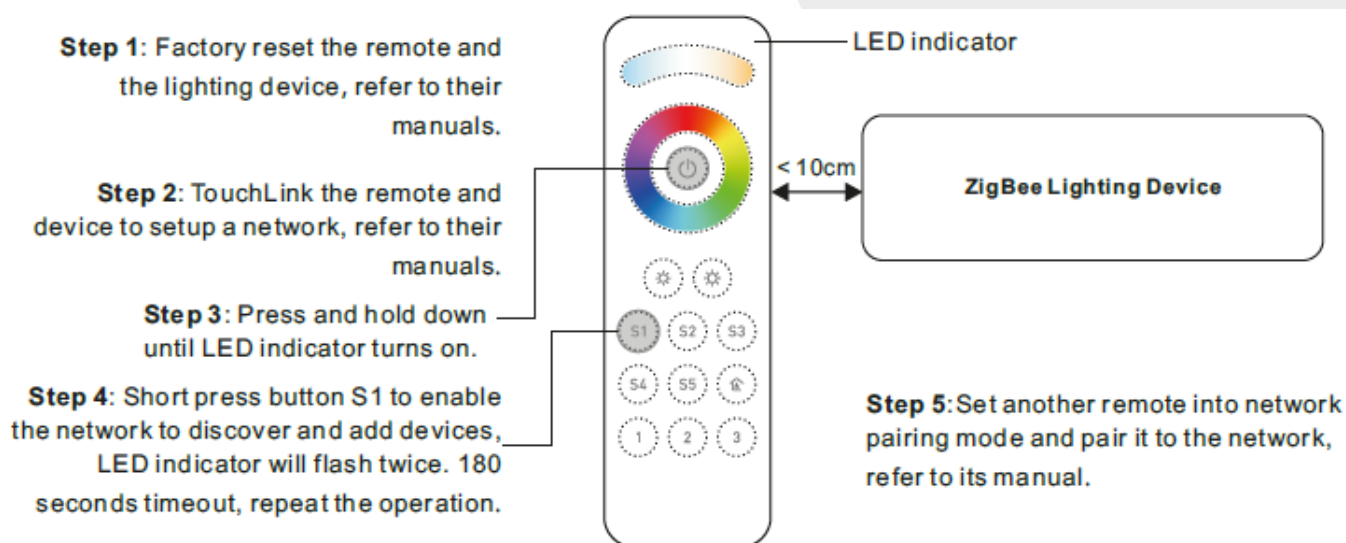
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Clear All Find and Bind Mode Paired Lighting Devices of a Group



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



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

- 1 Short press any other buttons except group buttons, indicator blinking means the wall switch has already been added to a network, no blinking of indicator means the wall switch does not belong to any network.

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.

Other Information

Specifications:

- Zigbee RGB+CCT+DIM remote based on Zigbee 3.0
- High sensitive & high stable touch colour wheel, fast & precise colour 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 3 groups for binding max. 30 lighting devices
- With 6 preset scenes, enables to save and recall 5 scenes
- 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 • Colour control

OTA

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



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Product Data

Protocol	ZigBee 3.0
Operation Voltage	3V(2*AAA battery)
Transmission Frequency	2.4GHz
Transmission Range (free field)	30m
Dimming Range	0.1%-100%
Dimension	140x44x17mm
Protection Grade	IP20



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