

RC204 ZigBee Remote Control

Quick Start Guide

Safety Handling

WARNING: Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Remote Control and other property. Read all the safety notices below before using the Remote Control.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit on your own.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.

Technical Specifications

Wireless Connectivity	<ul style="list-style-type: none"> • ZigBee 2.4GHz IEEE 802.15.4
RF Characteristics	<ul style="list-style-type: none"> • Operating frequency: 2.4GHz • Internal PCB Antenna • Outdoor/Indoor range: 100m/30m
ZigBee Profile	<ul style="list-style-type: none"> • Home Automation Profile • ZigBee Lighting Link Profile
Power Supply	<ul style="list-style-type: none"> • Type: lithium battery • Voltage: 3.7 V • Rated capacity: 500mAh (The battery life is one year) • Power consumption: Standby Current $\leq 44\mu\text{A}$ Working current $\leq 30\text{mA}$
Working Environment	<ul style="list-style-type: none"> • Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ • Humidity: up to 90% non- condensing
Storage temperature	<ul style="list-style-type: none"> • -20°F to 158°F ($-28^{\circ}\text{C} \sim 70^{\circ}\text{C}$)
Dimensions	<ul style="list-style-type: none"> • 46(L) x 135(W) x 12(H) mm
Weight	<ul style="list-style-type: none"> • 53g
Certification	<ul style="list-style-type: none"> • CE

1

Welcome



The RC204 ZigBee Remote Control is used to control up to four devices individually or all. Take controlling LED bulb as an example, you can use RC204 to control the following functions:

- Turn the LED bulb ON/OFF.
- Individually adjust the brightness of the LED bulb.
- Individually adjust the color temperature of the LED bulb.

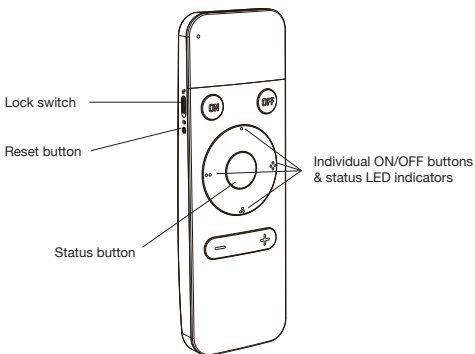
This guide will provide you with an overview of the product and help you get through the initial setup.

Features:

- ZigBee HA 1.2 and ZigBee ZLL compliant
- Support lock switch
- Up to 4 On/Off dimming control
- Lights status feedback
- All-lights-on, All-lights-off
- Rechargeable battery backup
- Power saving mode and auto wake-up
- Mini size

2

Get to know your device



Four status LED indicators

The LED status gives the following information:

LED Status	What it means
Solid Green	The paired device is ON
Solid red	The paired device is OFF
Flash green for three times	Pairing is successful
Flash red for three times	Pairing has failed

Function Button

- **Lock switch.**

You can lock/unlock the remote control by switching the side lock (you cannot use the remote button when it is locked).

- **Reset button.**

Reset: Press and hold the reset button for ten seconds until the LED light flashes green once at third second, and it will flash once again at tenth second. Then you can release the button, the main LED indicator will rapidly flashes ten times to restore the remote switch to default factory setting.

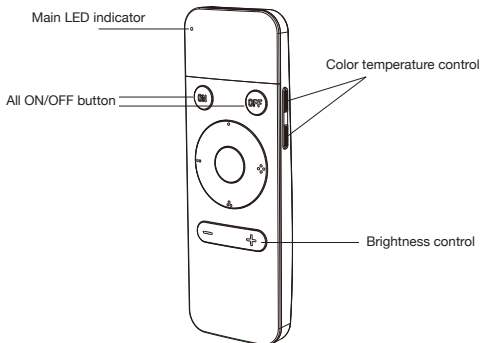
Enable to join the gateway: Press the reset button once to enable to join the gateway.

- **Individual ON/OFF buttons.**

Turn ON/OFF the paired device individually.

- **Status button.**

Check which buttons have bound with device. The individual on/off button will light depending on the status of the paired device.



Main LED indicator

The LED status gives the following information:

LED Status	What it means
Solid Green	The battery charging is completed
Solid red	The device is charging
Flash green for three times	Device has joined a ZigBee network
Flash green once	1.Enable to join a ZigBee network 2.Enable to identify
When you press any button	
Flash red for three times	Device has not joined a ZigBee network
Flash red once	Device has joined a ZigBee network

Function Button

- **ON/OFF button.**

Turn on/off all the paired devices such as LED bulbs, smart plugs and power relays.

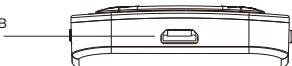
- **Color temperature control.**

Press Individual ON/OFF buttons once to select corresponding device first. Then you can adjust the color temperature of the corresponding light (Only when light can support this function)

- **Brightness control.**

Press Individual ON/OFF buttons once to select corresponding device first. Then you can adjust the brightness of the corresponding light (Only when light can support this function)

Micro USB



- **Micro USB.**

The micro USB is used to charge the battery of this device. Connect it to a power outlet using the standard Micro USB cable and USB power adapter.

3

Get Started

3.1 To get started, you will need:

- A ZigBee Gateway
- A mobile phone with a mobile APP installed

3.2 Adding to the gateway's network

Follow the steps below to join the gateway's network:

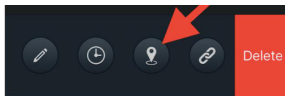
1. Check the RC204 status. Press any button to check if the main LED indicator flashes red for three times. If not, please reset it to default factory settings.
2. Open your gateway to Permit Joining or select '**Add new devices**' in the app.
3. Press the RC204 reset button once so the device can join the gateway
4. If the remote control join the gateway successfully, the main LED indicator will flash green for 3 times. Press any of the On/Off button to check if the main LED indicator flash red once.

Tip: If the main LED indicator flashes red or 3 times, it means the device hasn't been added into the gateway. you will need to repeat the process from step 2.

3.3 Pair the RC204 with 1-4 CCT Tunable LED bulb LED622

Note: Please make sure the LED622 is also added into the same network of the gateway and can be controlled by the mobile app before you proceed.

1. Make sure the LED bulb is powered on.
2. Go to the mobile app, tap '**Edit**' (Android phone) or swipe from right to left (iPhone) on the LED bulb icon, tap '**Identify**'. The LED bulb will flash during the '**Identify**' process.



3. Place the remote control near to the LED bulb, then press and hold one of the individual ON/OFF button for three seconds until the main LED indicator flashes green once.



4. After pairing, the LED bulb will stop flashing, and the corresponding status LED indicator on the RC204 will flash green three times.

Tip: If pairing failed, the corresponding status LED indicator will flash red for 3 times. Then you will need to repeat the pairing, you need try again.

5. Now you are able to control the LED bulb by using that Individual ON/OFF button. If you want to control the Brightness or the Color temperature, please press the individual ON/OFF button once to select the device first.

You can also follow the steps above to bind the remote control with other LED bulbs or any on/off devices such as power relay, smart plug, etc.