

## **RC204 ZigBee Remote Control**

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Quick Start Guide

## 1. Introduction

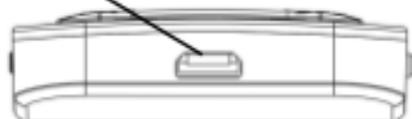
The RC204 ZigBee Remote Control is used to control up to four devices either at one time or individually. Take controlling CCT Tunable LED bulbs as an example, you are able to use it to control the following.

- Turn the LED bulbs ON/OFF together or individually.
- Individually adjust the brightness of a CCT tunable LED bulb.
- Individually adjust the color temperature of a CCT tunable LED bulb.

## 2. Get to know your device

### 2.1. RC204 at a glance

Micro USB



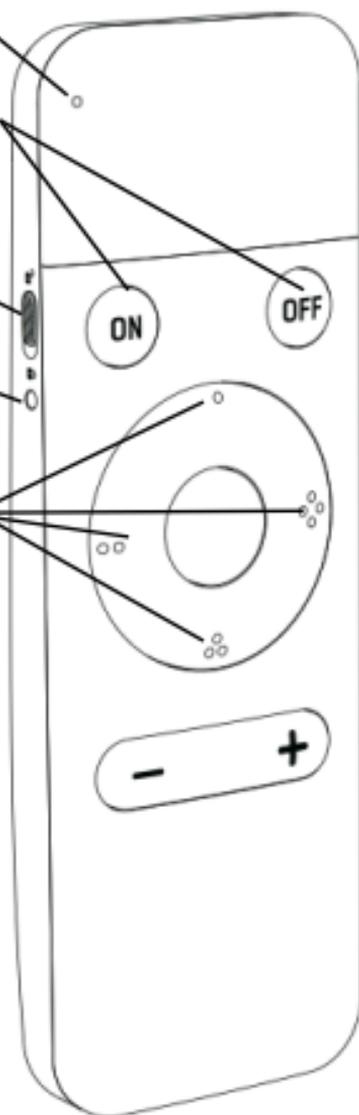
Main LED indicator

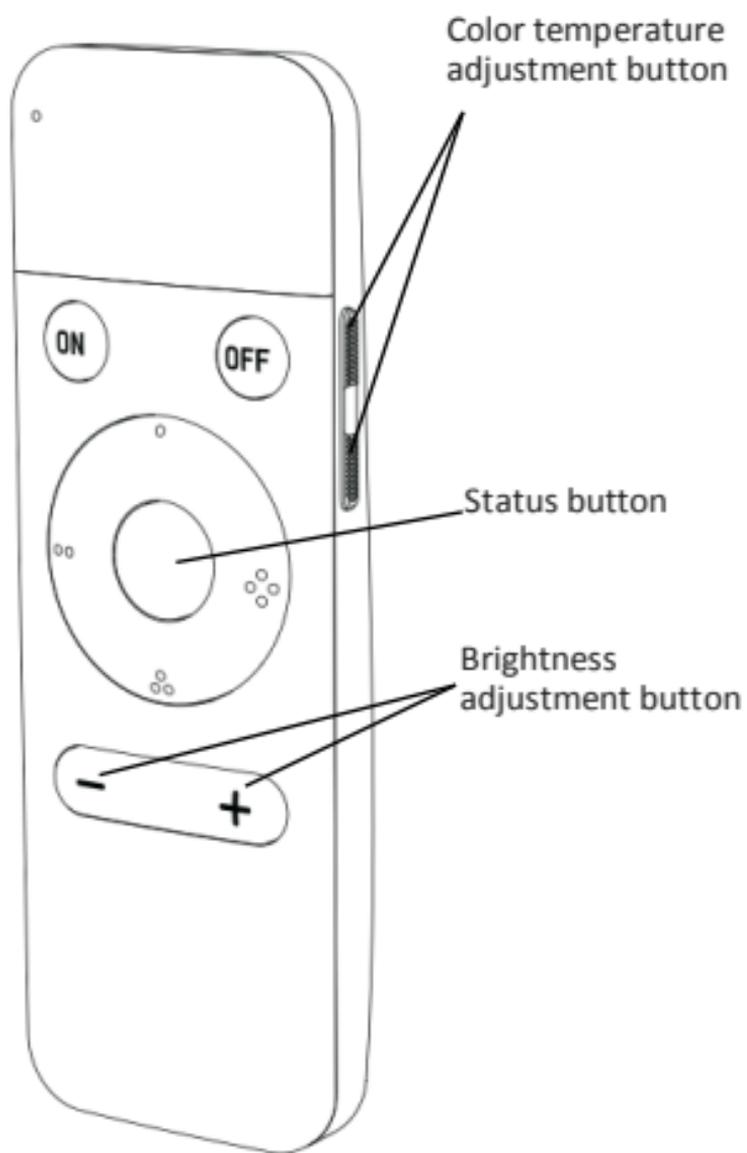
All ON/OFF buttons

Lock Switch

Reset button

Individual ON/OFF buttons & status LED indicators





## 2.2. Buttons and switch

### All ON and all OFF button

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

### Four individual ON/OFF buttons

- Turn ON/OFF the corresponding device individually.

### Status button

- The corresponding individual ON/OFF buttons will illuminate according to its status.

### Reset button

- Set the device to join the ZigBee network.
- Return the device to factory settings.

### Brightness adjustment button

- Adjust the brightness of the corresponding light (Only when light can support this function)

### Color temperature adjustment button

- Adjust the color temperature of the corresponding light (Only when light can support this function)

*Tip: operational details will be described below.*

## 2.3. Switch

### Lock Switch

- Set the device to be unable to bind with other devices.

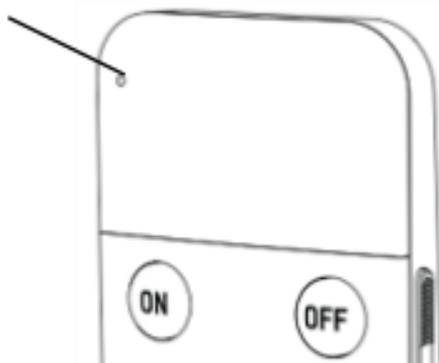
## 2.4. Micro USB

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.

## 2.5. LED indicators

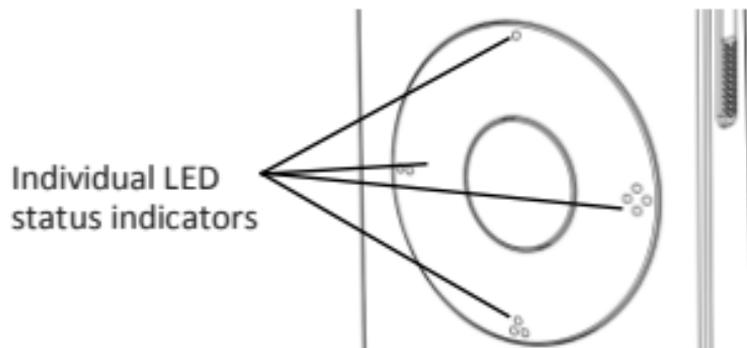
### Main LED indicator status

Main LED indicator



LED status	What it means
<b>Main LED solid Green</b>	The battery charging is complete
<b>Red LED solid</b>	The device is charging
<b>Green LED flashes one time</b>	<ol style="list-style-type: none"> <li>1. After pairing with an individual device</li> <li>2. After restart (3 seconds reset button push)</li> <li>3. After full reset (10 seconds reset button push)</li> </ol>
<b>Main LED flashes red three times</b>	The device hasn't joined a network (when you press any button).
<b>The main LED flashes red once</b>	The device has joined a network (when you press any button).

## Status LED indicators



LED status	What it means
<b>Individual LED indicator shows solid green</b>	When pressing the status button if the individual indicator shows solid green then the paired device is ON
<b>Individual LED indicator shows solid red</b>	When pressing the status button if the individual indicator shows solid red, then the paired device is OFF
<b>Green LED flashes three times</b>	Pairing is successful
<b>Red LED flashes three times</b>	Pairing has failed

### 3. Get started

To get started, you will need:

- A SEG-X3 Smart Gateway
- 1 to 4 of CCT Tunable LED bulb LED622 (You will need at least one LED bulb)
- The mobile app

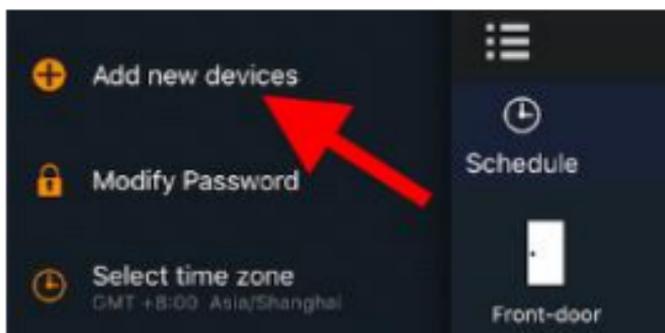
Then follow the steps below:

Step 1: Check the RC204 status.

Press any button to check if the main LED indicator flashes red for three times.

*Tip: if not, please return it to default factory settings by using a pin key tool to press and hold the reset button for ten seconds until the LED light flashes twice, now, the main LED indicator should flash fast around ten times.*

Step 2: Select “Add new devices” in the menu of the app.



*Tip: for this step, you could also press the “Z” button of the gateway for two seconds until the LED indicator turns solid blue.*

Step 3: Use a pin key tool to press the RC204 reset button. Then the device will join the ZigBee network of the gateway.

Step 4: If the remote control is paired into the gateway successfully, the main LED indicator will flash green three times. After pairing, please press any button to check if the main LED indicator flashes red once indicating that it is paired into the system.

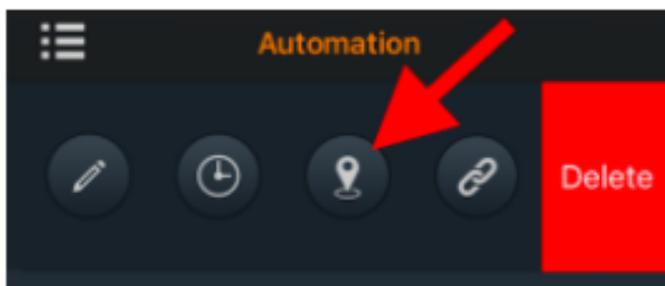
*Tip: If the main LED indicator flashes red three times means it hasn't added into the gateway. You will need to repeat from step 2.*

Step 5: Pair with 1-4 CCT Tunable LED bulb LED622

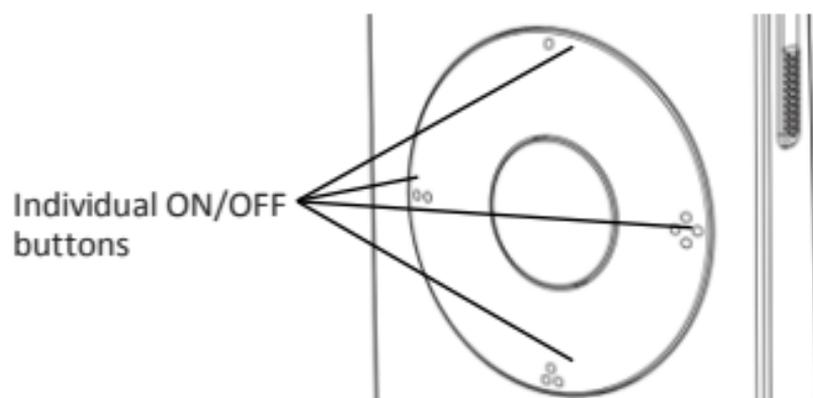
*Note: please make sure the LED622 is also added into the network of the gateway and can be controlled by the mobile app before proceed.*

(1) Make sure the LED bulbs that want to bind with this remote control are powered on.

(2) Go to the "Automation" section, tap "Edit" (Android phone) or swipe from left to right (iPhone), tap "Identify". The LED bulb will be flashing during the "Identify" process.



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



(4) After successful pairing, the LED bulb will stop flashing, and the corresponding status LED indicator will flash green three times.

*Tip: If pairing fails, the corresponding status LED indicator will flash red three times. If this happens you must repeat this process again.*

(5) Repeat all the steps again to bind with other LED bulbs as required.

You are now able to control the LED bulb using the remote control

## 4. FAQ

Q1. How to return this device to default factory settings?

A1: Use a pin key tool to press and hold the reset button for ten seconds until the LED indicator flashes green twice, then after you release the main LED indicator will rapidly flashes ten times.

Q2. How to restart this device?

A2: Use a pin key tool to press and hold the reset button for three seconds until the LED indicator flashes green once.

Q3. Can I use this device to control a CCT tunable LED bulb without a gateway and the mobile app?

A3: Yes. But the LED bulb need to be based on standard ZigBee Lighting Link profile. If you have a ZigBee Lighting Link version CCT tunable LED bulb, please follow the steps below to use this device to bind them together.

*Note: all devices need to be returned to factory default settings before you continue.*

Step 1: place the remote control near to the LED bulb, press and hold one of the individual buttons for about three seconds until the LED flashes green three times.

Step 2: If pairing is successful, the LED bulb will flash several times.

Q4. Can I use this remote control to control LED bulbs without the help of the gateway and the mobile app?

A4: Yes. But the LED bulb needs to be based on standard ZigBee Lighting Link profile such as LED622. If you have LED622 bulbs, please use this device and follow the instructions below.

*Note: All below devices need to return to default factory settings before you continue.*

(1) Place the RC204 Remote Control near to the LED622, press and hold the one of the individual ON/OFF buttons of the RC204 for about three seconds until the LED flashes green three times.

(2) If pairing is successful, the LED bulb will flash several times.

## 5. Technical Specifications

<b>Wireless Connectivity</b>	ZigBee 2.4GHz IEEE 802.15.4
<b>RF Characteristics</b>	Operating frequency: 2.4GHz Range outdoor/indoor: 100m/30m Internal PCB antenna
<b>ZigBee Profile</b>	ZigBee Lighting Link Profile
<b>Battery</b>	Type: 2 x AAA batteries Voltage: 3V Battery Life: 1 year
<b>Dimensions</b>	Diameter: 90.2mm Thickness: 26.4mm
<b>Weight</b>	66 g

## 6. Safety Notice



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

- 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 yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.