OWON®
smart life

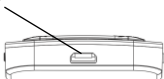**RC204 ZigBee Remote Control**

Quick Start Guide

1. Welcome

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 on/off the LED bulbs at one time or individually.
- Adjust each of the brightness of the CCT tunable LED bulb individually.
- Adjust each of the color temperature of the CCT tunable LED bulb individually.

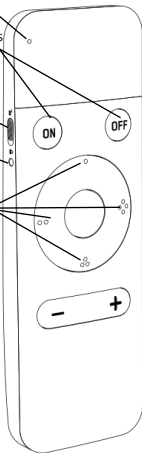# 2. Get to know your device

2.1. RC204 at a glance
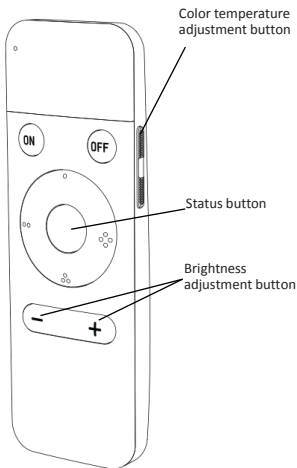
Micro USB

Main LED indicator

All on and all off buttons

Lock Switch

Reset button

Individual on/off
buttons & status LED
indicators

ON   OFF

−   +

Color temperature adjustment button

Status button

Brightness adjustment button

2.2. Buttons and switch

All on and all off button
Use the all on and all off button to do the following:
• Turn on and off of all the binding devices such as LED bulbs, smart plugs, power relays.

Four individual on/off buttons
Use the on/off buttons to do the following:
• Turn On/off the corresponding device individually.

Status button
Use the status button to do the following:
• Know the device on/off status.

Reset button
Use the reset button to do the following:
• Set this device on bind mode so as to bind with an on/off device.
• Return this device to factory settings.

Brightness adjustment button
Use the brightness adjustment button to do the following:
• Adjust the brightness of the corresponding light (Only when light could support this function)

Color temperature adjustment button
Use the color temperature adjustment button to do the following:
• Adjust the color temperature of the corresponding light (Only when light could support this function)

Tips: operation details will be described below.

2.3. Switch

Lock Switch
Use the lock switch to do the following:
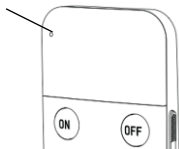* Set this device be able/unable to bind with other devices.

2.4. Micro USB
The micro USB is used to charge the battery of this device. Connect RC204 to a power outlet using the standard Micro USB cable and USB power adapter.
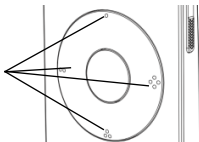
2.5. LED indicators

Main LED indicator status

Main LED indicator

LED status	What it means
Green LED solid	The battery charging is complete (when it is connected to a power adapter)
Green LED flashes one time	1. Indicate that you press and hold the one of the individual on/off buttons for three seconds, then immediately release this button will enter binding status (when you press and hold one of the individual on/off buttons). 2. Indicate that you press and hold the reset button for three seconds (when you press and hold the reset button), then immediately release the reset button will restart this device. 3. Indicate that you press and hold the reset button for ten seconds (when you press and hold the reset button), then immediately release this device will return this device to factory default settings.
Red LED solid	The device is in the process of charging (when it is connected to a power adapter)
Red LED flashes for three times	The device hasn't added a network (when you press any button).
LED flashes for one time	The device has added a network (when you press any button).

Status LED indicators

Individual on/off indicators

LED status	What it means
Green LED solid	The binding on/off device such as LED bulb is on (when it is bound to an on/off device and pressing the status button).
Green LED flashes three times	Binding is successful.
Red LED solid	The binding on/off device such as LED bulb is off (when it is bound to an on/off device and pressing the status button).
Red LED flashes three times	Binding is failure.

3. Get started

To get started, you will at least need:
- A SEG-X3 Smart Gateway
- 1 ~ 4 x CCT Tunable LED bulb LED622 (At least you will need one LED bulb)
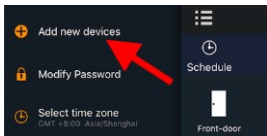- The SmartOWON mobile app

Then follow the steps below:

Step 1: Check the RC204 status.
Press any button to check if the main LED indicator is red flashing for three times.
Tips: if not, please return it to factory default settings by using a pin key tool to press and hold the reset button for ten seconds until the LED light flashes a second time, if succeed, the main LED indicator will flash fast for around ten times.

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

Tips: for this step, you could also press "Z" button for two seconds until the LED indicator turns blue solid.

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

Step 4: Check if this device added into the gateway. If the remote control is added into the gateway successfully, the main LED indicator will be green flashing for three times. After adding, please press any button to check if the main LED indicator is red flashing one time indicating that it is added into the system.
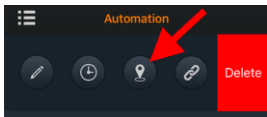
Tips: After trying to add, when pressing any button, if the main LED indicator will be red flashing for three times means it hasn't added into the gateway. You will need to repeat from step 2.

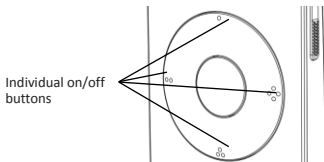Step 5: Bind with 1-4 CCT Tunable LED bulb LED622
Note: please make sure the LED622 is also added into the network of the gateway and can be controlled by the mobile app before you do the following.

(1): Make sure the LED bulbs that want to bind with this remote control is powered on.
(2) Go to "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 below individual on/off buttons of the remote control for three seconds until the main LED indicator green flashes one time.

Individual on/off buttons

(4) After successful binding, the LED bulb will stop flashing, and the corresponding status LED indicator will be green flashing three times.
Tips: if binding is failure, the corresponding status LED indicator will be red flashing three times. If failure, repeat this process again.

(5) Follow from (1) again to bind with other LED bulbs when required.

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

- on/off the bulb
- adjust brightness
- adjust color temperature

Tips: to see operation details, please visit http://.owon.me/docs/user_guides.html to see the system user guides.

4. FAQ

Q1. How to return this device to factory default settings?
A1: Use a pin key tool to press and hold the reset button for ten seconds until the LED indicator green flashes a second time, then after you release the main LED indicator will flash fast about 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 green flashes one time.

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 use this device to bind them together follow below:
Note: before this below operation, both device need to return to factory default settings.

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 in green for three times.

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

Q4. Can I use this remote control to control LED bulbs without the help of the gateway and the SmartOWON mobile app?
A4: Yes. But the LED bulb needs to be based on standard ZigBee Lighting Link profile such as OWON LED622. If

you have LED622 bulbs, please use this device to bind with follow below:

Note: All below devices need to return to factory default settings before your operation.

(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 in green for three times.

(2): If binding is successful, the LED bulb will flash for several times.

5. Technical Specifications

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

6. Appendix: 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 on your own.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.