

# RC-02 Smart Home ZigBee Wireless Remote Control User Manual

CONFIDENTIAL : RC-02-0113



**Smart Home** system by using mobile devices to provide home security and environmental care. After installing the service controller and all the necessary sensors, users can access control, monitoring home environment, or send instant messages via controller after receiving information from mobile device.

## Wireless Remote Controller

RC-01 is a four-button remote control using ZigBee signal to set up service controller (host) in order to control end device.



## Product Feature

- Dual LED
- One single button to active alarm
- Combination keys function available
- Low battery indication available

## Product Specification

Wireless Standard Network	IEEE802.15.4 ZigBee PRO, 2.4GHz
Output Power	1dBm (max.)
Receiving Sensitivity	-97.5dBm (min.)
Power Supply	3V CR2032 Li-ion Battery
Battery Life	Normally over One year (Depending on the way of usage)
Transmission (Operation) Range	50 meters (free space)
Operating Temperature	20°C ~ 40°C
Operating Humidity	0%~95% (Non-condensing)

## Product Specification - Continued

Dimension	55 (L) x 32 (W) x 8.5 (H) mm
Weight	20 g

## Button Function



### Arm Button

When you are out of home, please press this button to set up the alarm, and all detector at home are at alarm status.

### Disarm Button

When you are at home, please press this button to dis-arm.

### Night Mode Button

Press this button will start the partial detectors in accordance with the system settings, in the same time, the sensor will be in a state of alert.

### Panic Button Button

Press this button to connect to the emergency contactor, for example, buzzer, siren or contact to the emergency contactor. And this would need to be set up at very first place.

## Reset the Remote Control

When you first time use the remote control, please reset it and please follow the steps as below :

- Insert the CR2032 battery.  
**\*\*While doing this, please be very careful of the material on the PCB, strong push might damage or break the components on PCB.**
- After insert the battery, the Red LED will flash about 0.5 second.
- Please press **Arm** button 3 times, then Orange LED will flash 3 times.
- Press **Panic button** 3 times within 3 seconds, then the Orange LED flash 3 times, after this, Red LED will flash once and turn off.

## Join Controller

- Press either Arm or Night mode button, then LED flash fast.
- Press any key, Green LED flash 3 times means join successfully.
- Once it is joined successfully, the service control panel will also shows "ACE join OK".

## Attention

- The remote control is not water-proved.
- Do not use or store in dusty or dirty areas. This will damage its electronic components.
- Please avoid hot and cold areas. High and low temperatures would shorten the life of electronic devices and damage battery.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it.
- Do not drop, knock, or shake the device. Rude handling can break internal circuit boards and fine mechanics.

## FAQ

**Q :** Remote control not working

**A :**

- Make sure if it is successfully joined the service control panel.
- Make sure if the battery is install properly.
- Press any key to make sure if the LED flash once.
- Make sure the control is within the operation range.

## Contact Us



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