

JOYOLIGHT

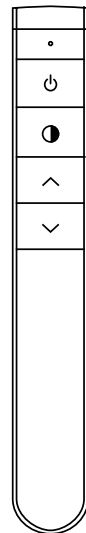
1 ZONE CONTROLLER

CON-WH-1Z

2022-05

USER MANUAL

DIM/CCT



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CONTROLLER 3

CON-WH-1Zone

For DIM/CCT

	RECEIVER RE-501-WIFI	RECEIVER RE-401-2.4G
DIM	●	●
CCT	●	●

Technical Parameters

Voltage: 3V (2* AAA battery)

RF Frequency: 2.4GHz

Remote Control Distance: up to 30m

Dimension: L140mm*W20mm*H18

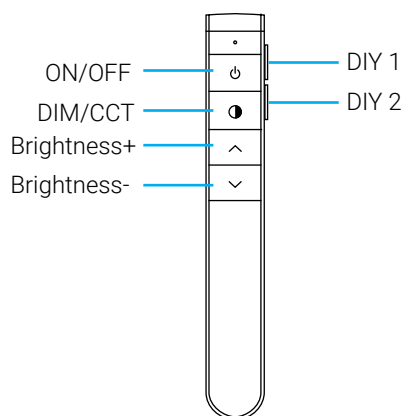
Net weight: 46g

Please pay attention to the following 3 points before operation:

1) All equipment in the complete system after installation should have a unified and unique code value, so as to achieve the security and stability of the system.

2) The receiver can only store one code value and cannot be overwritten. Before learning the new code value, it is necessary to clear the original code of the receiver; the remote controller can only save one code value but can be overwritten and can also restore the factory settings. In order to facilitate the later maintenance, the three components that may be involved in the system (including receivers, hand-held remote controllers, and panel remote controllers) can realize mutual learning of code values.

3) Since the receiver performs code value learning in the power-on state, in order to avoid confusion in the area, it is recommended that each area has an independent power switch so that the power of other areas can be easily cut off when the code is being operated.



Name of Key	Description
ON/OFF	on/off at any time
DIM/CCT	For single color : 20%, 50%, 100% brightness hot key For CCT : 1) Short pressing : 100%CW, 50%CW+50%WW, 100%WW hot key 2) Long pressing : Color temperature increase/reduce stepless in turn
Brightness+ Brightness-	Short press for fast adjustment, long press for fine adjustment
DIY 1- DIY 2	Short press once to call out the previously stored light state; DIY lighting operation (take DIY1 key as an example): 1) Short press the DIY1 key three times within 3 seconds to enter the custom operation; 2)Customize the light setting through the "DIM/CCT/Brightness+/Brightness-" key 3)After the lighting is set, press the DIY1 button once to save, or press the "ONOFF/DIY2 button" to exit without saving. Note: The entire DIY setting process needs to be completed within 30S, it will automatically exit after timeout.

Code Pairing

the receiver will only be controlled by the value code remote controller.

- 1** Connecting the load to the receiver and power on it.

1.It is necessary to clear the code first, if the receiver was coded before.

2.Batch operation can be performed within the remote control range.
- 2** Press and hold "DIY 1" on the remote control for **5 sec.**

Once the indicator of the remote control flashed quickly, and the load light flashed 3 times and returned to the initial state, it enters the pairing code transmission status.
- 3** Press any key to exit and end the operation.

It will automatically exit code transmission status after 60 sec.

JOYOLIGHT

Joyolight reserves the rights change our products and specifications at anytime without prior notice and such modification shall be effective immediately. Contact Joyolight for the latest product information.

Five-year warranty

Contact us for complete terms and conditions.

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Code Clearing The original code value of the receiver needs to be cleared before learning a new code.

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|---|--|---|
| <p>1 Connecting the load to the receiver and power on it.</p> <p>1. The clearing operation should be finished within 1 minutes after the receiver is powered on.</p> <p>2. Batch operation can be performed within the remote control range.</p> | <p>2 Press and hold “DIY 2” on the remote control for 5 sec.</p> <p>1. Once the indicator of the remote control flashed quickly, and the load light flashed 3 times and returned to the initial state, it enters the clearing code transmission status.</p> <p>2. If the original remote control is lost, the new remote control can be used for clearing operation.</p> | <p>3 Press any key to exit and end the operation.</p> <p>It will automatically exit code transmission status after 60 sec.</p> |
|---|--|---|

Restoring factory settings of remote control

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|--|---|
| <p>1 Press and hold “ON/OFF” key for 20s until the indicator of remote control process the state as 100%-off-100%.</p> | <p>2 Press “DIY 2” to submit and finish the operation.</p> <p>-----</p> <p>The indicator of the remote control will flash 3 times after successful operation</p> |
|--|---|

Code learning operation between remote controls:

Used to unify system code values or copy a new remote controls. Each remote controller has its own unique code at the time of delivery. When there are multiple remote controllers in a system, one of them must be selected as a main. The others should copy its RF code.

- Main** Remote Control: Press and hold “DIY 1” for 5 sec. Remote control enters the pairing code transmission status when its indicator flashes quickly.
- New** remote control: Press and hold “ON/OFF” for 5 sec. The remote control enters learning status when its indicator turn from 100% to off.
- The indicator of the new remote control will flash 3 times after successful code learning.

Remote Control RF code learning from controllers

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|---|--|--|
| <p>1 Turn off the power supply of the controllers.</p> | <p>2 Press and hold “ON/OFF” for 5 sec until indicator of remote control turns off</p> <p>-----</p> <p>Once the indicator of the remote control flashed quickly, and the load light flashed 3 times and returned to the initial state, it enters the pairing code transmission status.</p> | <p>3 Turn on the power supply of the controllers. Its indicator will flash 3 times after successful code leaning</p> <p>It will automatically exit code transmission status after 60 sec.</p> |
|---|--|--|

Linking & Unlink

- Linking**
- 1 Connecting the load to the receiver and power on it.
 - 2 Press and hold “**C**” on the remote control for **5 sec.**
 - 3 Press any key to exit and end the operation.

1. It is necessary to clear the code if the receiver was coded before.
2. Batch operation can be performed within the remote control range.
3. Please remember to cut off other un-code zones' power, or they will be paired together.
It will also automatically exit code transmission status after 60 sec.

The indicator of the remote control will flash quickly. Matching coding finishes when you see the load light flashes 3 times and return to the initial state.

It will also automatically exit code transmission status after 60 sec.

- Unlinking**
- 1 Connecting the load to the receiver and power on it.
 - 2 Press and hold “**D**” on the remote control for **5 sec.**
 - 3 Press any key to exit and end the operation.

1. The clearing operation should be finished within 1 minute after the receiver is
2. Batch operation can be performed within the remote control range.

Matching coding finishes when
The load light flashes 3 times

It will also automatically exit code transmission status after 60 sec.

Code learning operation between remote controls:

Used to unify system code values or copy a new remote control. Since each remote control has its own unique RF code at the time of delivery, when there are multiple remote controls in one system, one of them must be selected as a main, and others should copy its RF code.

1. **Main** remote control: Press and hold “**C**” key for **5 sec.** The indicator of the remote control will flash quickly. That means it enters the pairing mode
2. **New** remote control: Press and hold “**B**” key for **5 sec.** The indicator will turn from 100% to off means it enters learning code status.
3. The indicator of the new remote control will flash **three times** after successful code learning.

Remote control RF code learning from controllers

1. Turn off the power supply of the controllers.
2. Press and hold “**B**” for **5 sec** until the indicator of remote control turns off.
3. Turn on the power supply of controllers. The indicator of the remote control will flash **three times** after successful code learning.

Note: The distance from controllers to remote controls should be less than 2m.

Restoring factory settings of remote control0

1. Press and hold “**B**” key for **20 sec** until the indicator of remote control process the state as 100%-off-100%.
2. Press “**D**” to submit and finish the operation. The indicator of the remote control will flash three times after successful operation.