

JOYOLIGHT

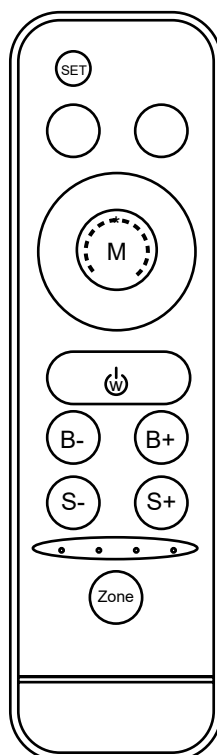
4 ZONE CONTROLLER

CON-MULTI-4Z

2022-05

USER MANUAL

DIM/CCT/RGB/RGBW/RGB2W



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CONTROLLER 4

CON-MULTI-4Zones

For DIM/CCT/RGB/RGBW/RGB2W

Technical Parameters

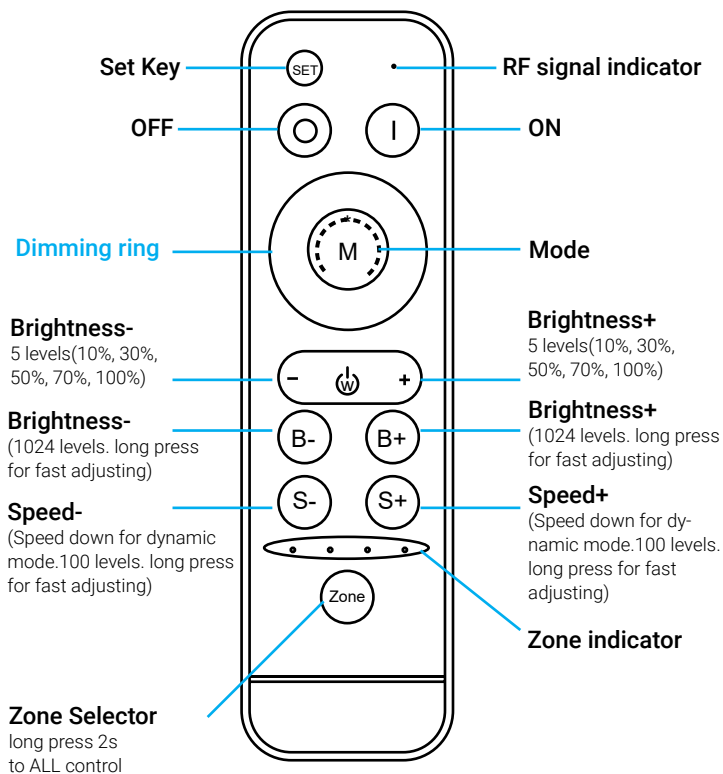
Voltage: 3V (2* AAA battery)
RF Frequency: 2.4GHz
Remote Control Distance: up to 20m
Size: L150*W40*H20mm
Net weight: 95g

Installation of remote control's bracket:

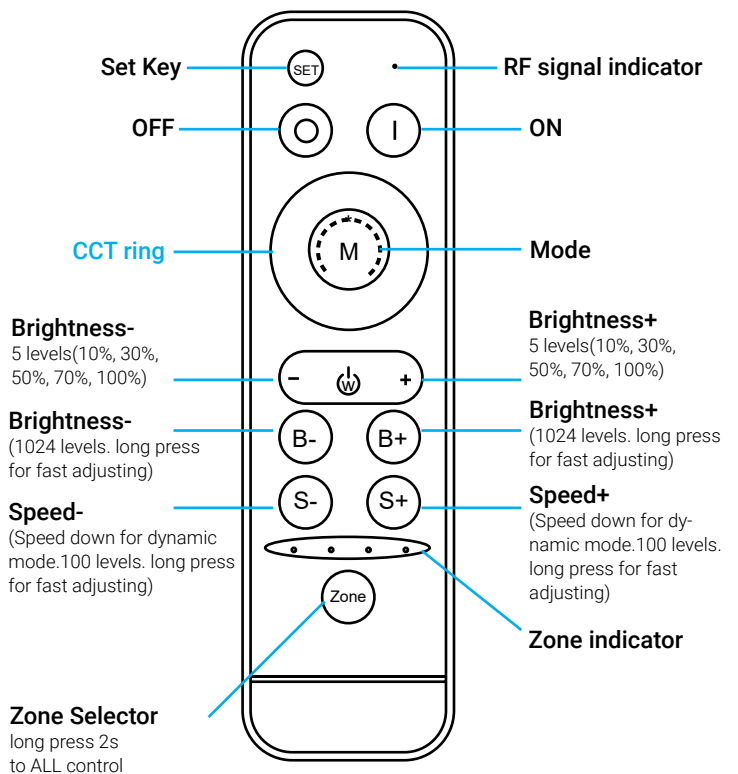
- Accessories include: bracket 1pc, 3M foam sponge glue 1pc, screw 2pcs, expansion tube 2pc.
- There are 2 options for bracket installation:
 - Using screw and expansion tube for drilling installation (suitable for uneven and ash surfaces);
 - Using 3M foam sponge glue for free drilling installation (suitable for flat and no ash surface).

CONTROL FUNCTION

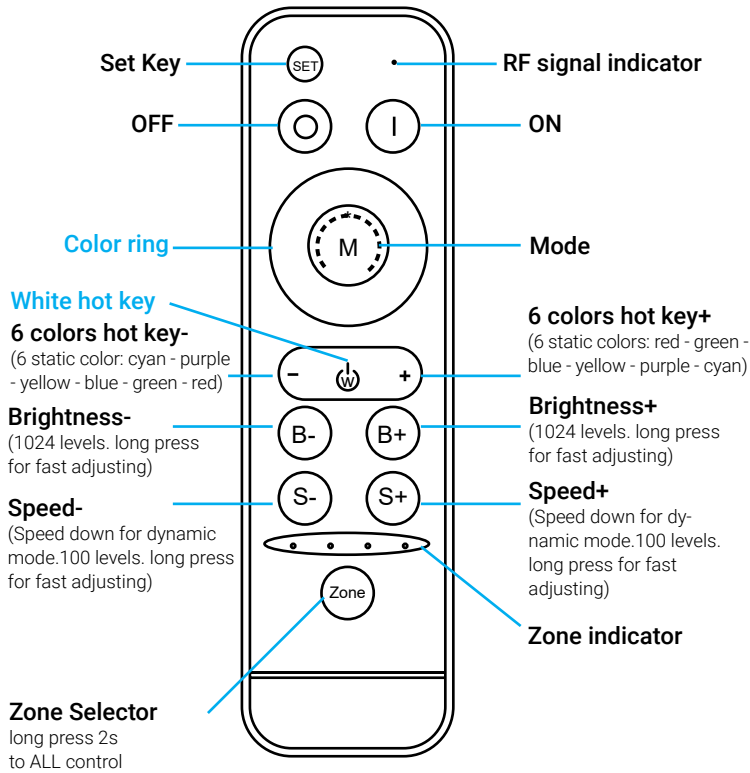
1. Single color



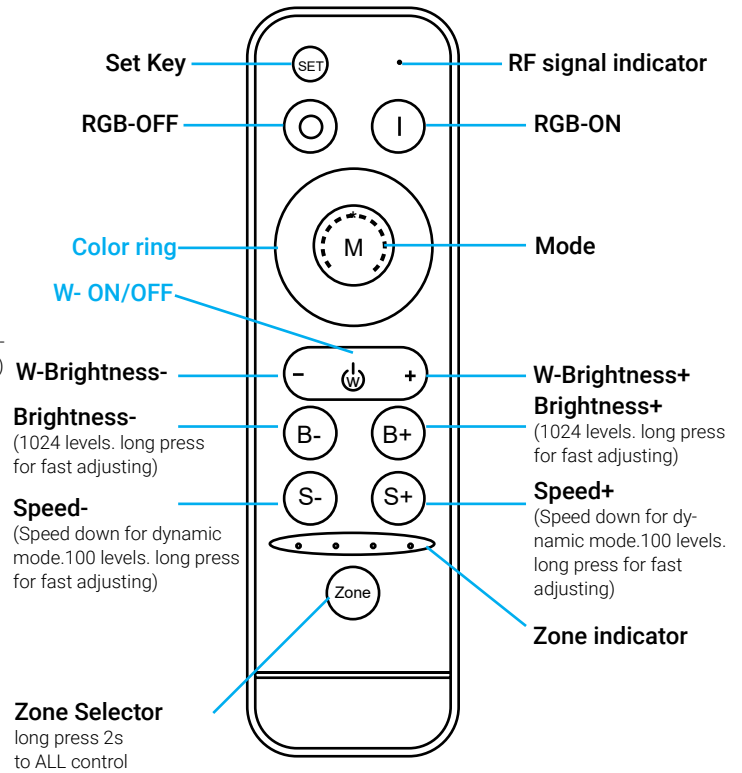
2. CCT (CW+WW)



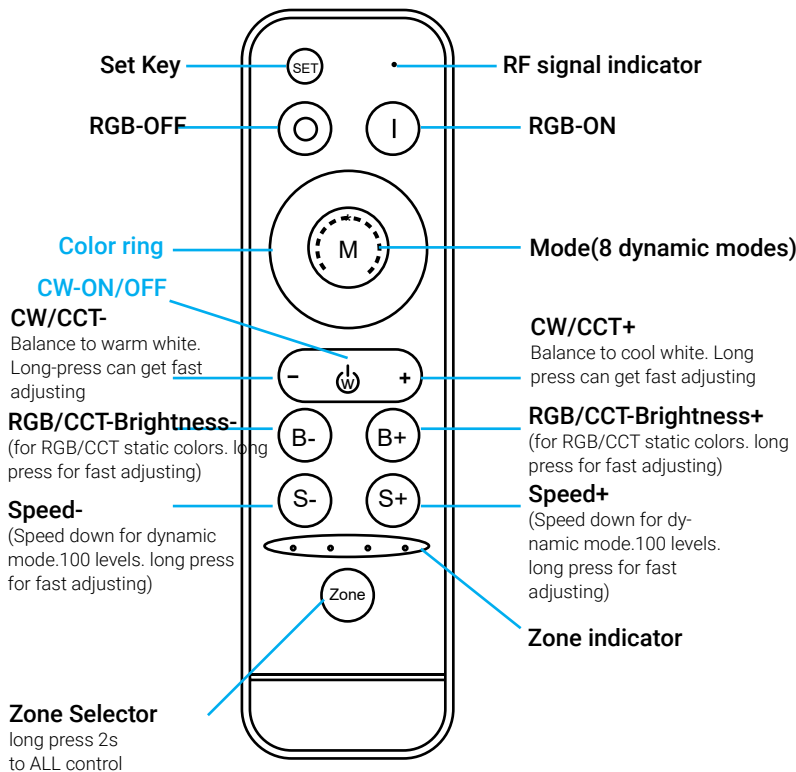
3. RGB



4. RGBW



5. RGB+CCT



About "all-control"

This system is available to achieve mixed control, like zone 1-single color, zone 2-CCT, zone 3- RGB, zone 4- RGBW. The all buttons' functions are active in all-control mode, the effect for each zone will according to the output type setting of each receiver(4 in 1 controller); RGB+CCT type has a special controller item for it, no need to set.

#	Mode	Marks
1	White breathe	
2	3 colors jumpy	
3	7 colors jumpy	
4	3 colors fade	adjustable speed
5	7 colors fade	brightness is unadjustable
6	R/G cross fade	
7	R/B cross fade	
8	G/B cross fade	

Code Matching

- | | | | |
|---|--|---|--|
| <p>1 Connecting the load to the receiver and power on it.</p> <p>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.</p> | <p>2 Select Area</p> <p>Select the area with the "Zone" key and the corresponding indicator lights up</p> | <p>3 Press and hold "ON" on the remote control for 5 sec</p> <p>1.It enters the clearing code transmission when the load light flashes quickly.
2.It will also automatically exit code transmission status after 60 sec. or pressing any key to exit.</p> | <p>4 See the load light flashes 3 times and return to the initial state</p> <p>Pairing coding finishes successfully</p> |
|---|--|---|--|

Code Clearing

- | | | |
|--|--|---|
| <p>1 Connecting the load to the receiver and power on it.</p> <p>1. The clearing operation should be finished within 1 minute after the receiver is powered on
2. Batch operation can be performed within the remote control range.</p> | <p>2 Press and hold the remote control "Off" for 5 sec. There is no need to select the corresponding area when clearing code.</p> <p>1.It enters the clearing code transmission when the load light flashes quickly.
2.It will also automatically exit code transmission status after 60 sec. or pressing any key to exit.</p> | <p>3 See the load light flashes 3 times and return to the initial state</p> <p>Clearing coding finishes successfully</p> |
|--|--|---|

Code Learning

Used to unify system code values or copy a new remote control. Since each remote control has its own unique code at the time of delivery, when there are multiple remote controls in one system, one of them (for example, remote control A) must be selected as **the system code value**, and the code value of the rest remote controls (for example, remote control B) should be **copied to the same one**.

- | | | |
|---|--|---|
| <p>1 Remote control A: Press and hold "ON" on the remote control for 5 sec</p> <p>1. It enters the pairing code transmission when the load light flashes quickly.
2.It will also automatically exit code transmission status after 60 sec. or pressing any key to exit.</p> | <p>2 Remote control B: long press "mode key" for 5 sec</p> <p>1.It enters the code receiving status when the indicator light changes from 100% to off.
2.It will also automatically exit code receiving status after 30 sec. or exit after learning the code value successfully.</p> | <p>3 See the remote control B indicator light flash 3 times</p> <p>Code copying finishes and the controller exits code value receiving status.</p> |
|---|--|---|

Code Copying

A new remote control can also copy code from any one of the receivers in the whole system, after the successful operation, the new remote control can replace the original remote (if it is lost).

- 1 Cut off the power of receiver which is controlled by the controller
- 2 Long press "mode key" for **5 sec**
- 3 Power on the receiver.

It will also automatically exit code receiving status after 30 sec. or exit after learning the code value successfully.

Code copying finishes when remote control indicator light flashes 3 times. The controller exits code value receiving status.

** For security of the system, the distance from remote control to the one receiver should be less than 2 meters in this operation.
Only one time operation is requested for the whole system, no need different operation for different zones.

Restore the Factory Setting

The remote control will be restored to the factory's unique code value.

- 1 Long press "mode " for 20 seconds
- 2 Press the "OFF" to confirm, the remote indicator light flashes 3 times

The remote indicator light dims down and flashes continuously until the 20th second and then back to 100% light. Means this step is finished.

Restore factory settings successfully.