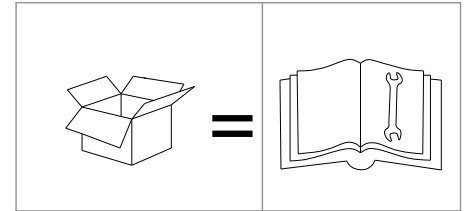
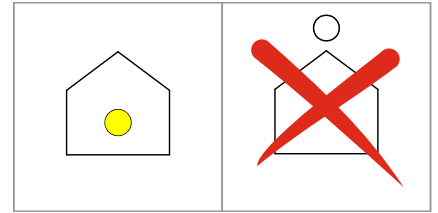
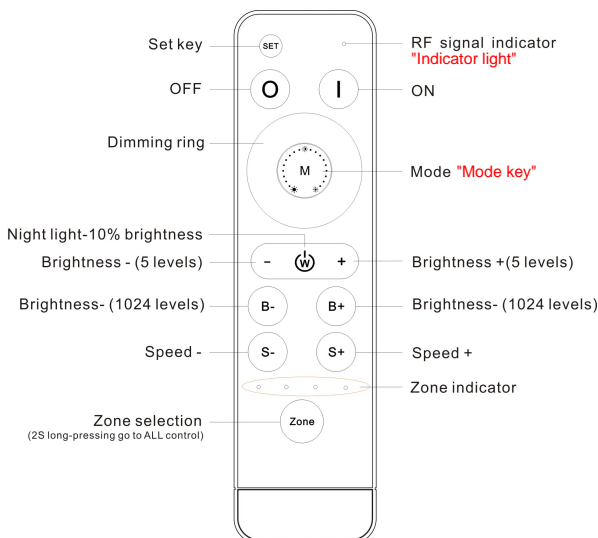
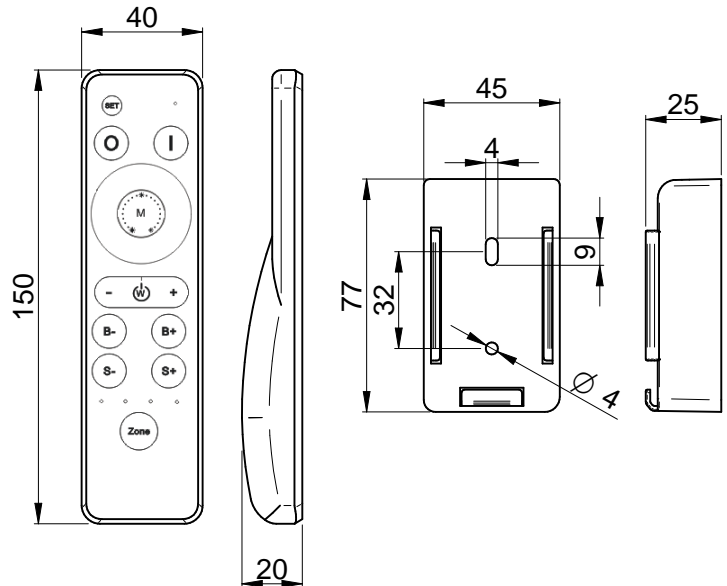


■ C-W600001



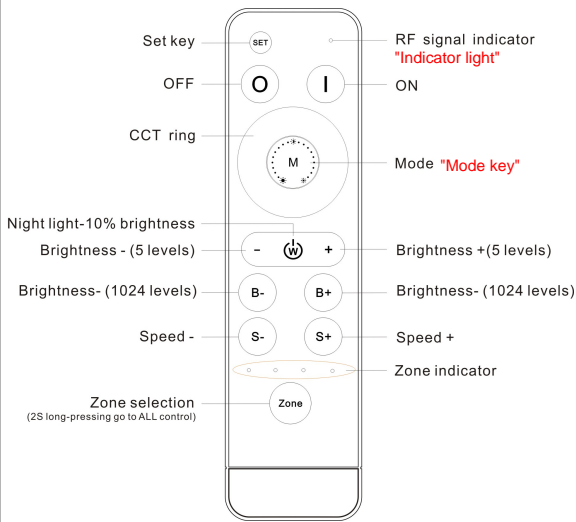
Technical Parameters

RF frequency	2.4GHz
RF distance	≤20m (without obstacles)
Supply voltage	DC3V (AAA*2)
Working current	<25mA
Working power	75mW
Standby current	<18uA
Standby power	54uW
Working temperature	-20/60°C



Button function (single color)

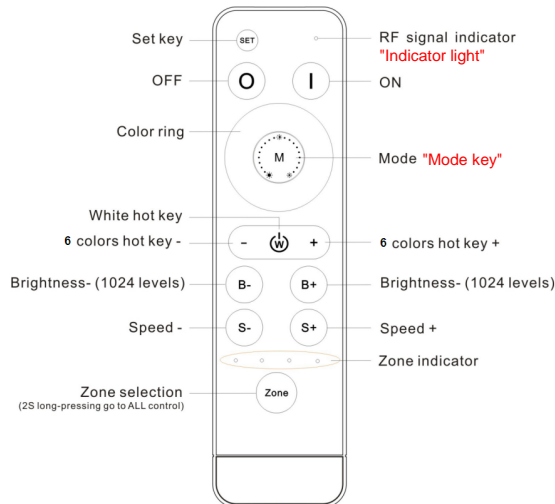
Name	Description
SET	No function
I	Turn on
O	Turn off
DIM ring	Dim down brightness by clockwise direction.
M	2 modes in total: flash, fade.
☰	10% night light hot key
-	Brightness - by 5 levels (10%, 30%, 50%, 70%, 100%)
+	Brightness + by 5 levels (10%, 30%, 50%, 70%, 100%)
B-	Brightness - by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). Long-press get fast adjusting.
S+	Speed up for dynamic mode (100 levels). Long-press get fast adjusting.
Zone	Zone selection, 2 seconds long-press get "all-control".



Button function for dynamic white

Name	Description
SET	No function
I	Turn on
O	Turn off
CCT ring	Corresponding full range color temperature of the tunable LED from 100%CW to 100%WW.
M	4 modes in total: all flash, 2 color flash, all fade, 2 color fade.
W	10% night light hot key
-	Brightness - by 5 levels (10%, 30%, 50%, 70%, 100%)
+	Brightness + by 5 levels (10%, 30%, 50%, 70%, 100%)
B-	Brightness - by 1024 levels. Long-press can get fast adjusting.
B+	Brightness + by 1024 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). Long-press can get fast adjusting.
S+	Speed up for dynamic mode (100 levels). Long-press can get fast adjusting.
Zone	Zone selection, 2 seconds long-press get "all-control".

(Tips: Please ensure to set correct output type according to the load LED strip, then you can get the right function)



Button function (RGB)

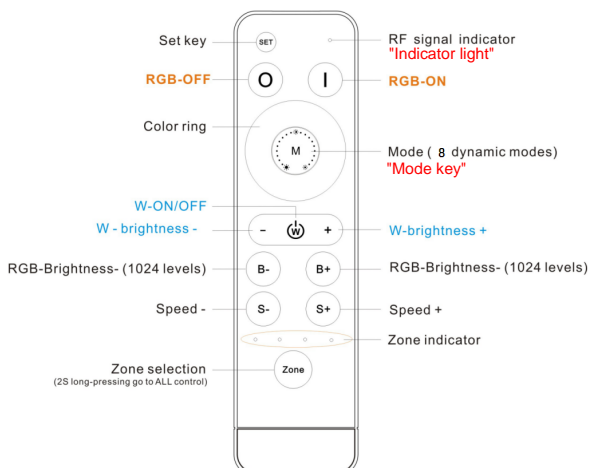
Name	Description
SET	No function
I	Turn on
O	Turn off
Color ring	Static color options, 64 colors in total.
M	Dynamic modes, 8 modes in total.
W	White on hot key
-	6 static colors (cyan, purple, yellow, blue, green, red)
+	6 static colors (red, green, blue, yellow, purple, cyan)
B-	Brightness - for static colors by 1024 levels. Long-press get fast adjusting.
B+	Brightness + for static colors by 1024 levels. Long-press get fast adjusting.
S-	Speed down for dynamic mode (100 levels). Long-press get fast adjusting.
S+	Speed up for dynamic mode (100 levels). Long-press get fast adjusting.
Zone	Zone selection, 2 seconds long-press get "all-control".

(Tips: Please ensure to set correct output type according to the load LED strip, then you can get the right function)

8 dynamic modes as below:

No	Patterns	Remarks	No	Patterns	Remarks
1	White breathe	Speed is adjustable, brightness is unadjustable	5	7 color fade	Speed is adjustable, brightness is unadjustable
2	3 color jumpy		6	R/G cross fade	
3	7 color jumpy		7	R/B cross fade	
4	3 color fade		8	G/B cross fade	

Button function (RGBW)



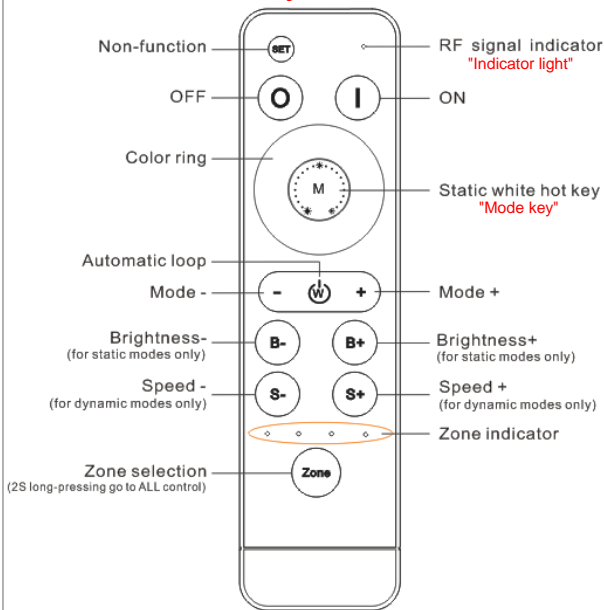
Name	Description
SET	No function
I	RGB channels-Turn on
O	RGB channels-Turn off
Color ring	Static color options, 64 colors in total.
M	Dynamic modes, 8 modes in total.
W	W channel-Turn ON/OFF
-	W channel- brightness -, 1024 levels, long-press can get fast adjusting.
+	W channel- brightness +, 1024 levels, long-press can get fast adjusting.
B-	Brightness - for RGB static colors by 1024 levels. Long-press get fast adjusting.
B+	Brightness + for RGB static colors by 1024 levels. Long-press get fast adjusting.
S-	Speed down for dynamic mode (100 levels). Long-press get fast adjusting.
S+	Speed up for dynamic mode (100 levels). Long-press get fast adjusting.
Zone	Zone selection, 2 seconds long-press get "all-control".

(Tips: Please ensure to set correct output type according to the load LED strip, then you can get the right function)

dynamic modes as below:

No	Patterns	Remarks	No	Patterns	Remarks
1	White breathe	Speed is adjustable, brightness is unadjustable	5	7 color fade	Speed is adjustable, brightness is unadjustable
2	3 color jumpy		6	R/G cross fade	
3	7 color jumpy		7	R/B cross fade	

SPI control only



Button function (SPI)

Name	Description
SET	No function
I	Turn on
O	Turn off
Color ring	Static color options, 64 colors in total, digital tube will display "H000", brightness is adjustable by B+/B-.
M	Static white color hotkey, digital tube will display "H007"
Ⓜ	Automatic loop hotkey, digital tube will display "H135"
-	Mode down (136 modes in total). Long-press can get fast adjusting.
+	Mode up (136 modes in total). Long-press can get fast adjusting.
B-	Brightness - for static colors by 100 levels. Long-press can get fast adjusting.
B+	Brightness + for static colors by 100 levels. Long-press can get fast adjusting.
S-	Speed down for dynamic mode (100 levels). Long-press can get fast adjusting.
S+	Speed up for dynamic mode (100 levels). Long-press can get fast adjusting.
Zone	Zone selection, 2 seconds long-press get "all-control".

For setting the custom combination with remote control, press "Automatic loop"(H135), then press "Mode+"(H136)

SPI only - Code pairing operation: means that the receiver will only be controlled by the value code remote controller.

Step	Operation	Instructions
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	Select Zone	Select the area with the "Zone" key and the corresponding indicator lights up.
3	Press and hold "ON" on the remote control for around 5 seconds, the "indicator light" of the remote control will flash quickly, means it enters the pairing code transmission status.	Will automatically exit code transmission status after 60 seconds, or pressing any key to exit.
4	See the load light flashes 3 times and return to the initial state	Pairing coding is finished successfully

SPI only - Code clearing operation: means that the original code value of the receiver will be cleared and returned to the factory state. Then it can be controlled by any compatible remote controller and can learn to a new code.

Step	Operation	Instructions
1	Connecting the load to the receiver and power on it. <b style="color: blue;">The clearing operation should be finished within 1 minute after the receiver is powered on.	If exceeds the time, can be powered on again. Batch operation can be performed within the remote control range.
2	Press and hold the remote control "Off" for 5 seconds. The "indicator light" of the remote control flashes quickly, means it enters the clearing code transmission status. There is no need to select the corresponding area when clearing code.	1. Will automatically exit code transmission status after 60 seconds or pressing any key to exit. 2. If the original remote controller is lost, the new remote controller can be used for clearing operations.
3	See the load light flashes 3 times and return to the initial state	Clearing coding is finished successfully

Pairing DIM,CCT,RGB & RGBW control

Caution:
for RGB and RGBW it is recommended
to set white mode for connect and disconnect

Do the procedures with the controller in off

Connect the receiver to remote control (phase 1)

1. Press push button (Switch that the controller is connected) until the load led flash (around 30 seconds);
2. As soon as the LED starts flashing, continue to press the push button on the controller and at the same time press the ON(I) button on the remote control, the LED will flash three times to ensure correct pairing;
3. Then use same instruction as in our standard procedure ..

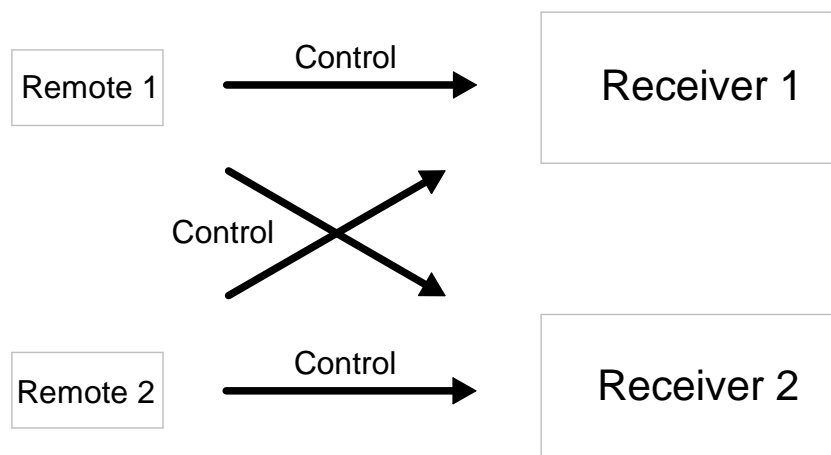
(Kindly note: Keep long pressing the push button until you finished the match code/ clear code operation, means during the use of the remote control, the push button cannot be released)

Disconnect the receiver to remote control (phase 2)

1. Press push button (Switch that the controller is connected) until the load led flash (around 30 second);
2. As soon as the LED starts flashing, continue to press the push button on the controller and at the same time press the OFF(O) button on the remote control, the LED flashes three times to ensure decoupling;
3. Then use same instruction as in our standard procedure ..

(Kindly note: Keep long pressing the push button until you finished the match code/ clear code operation, means during the use of the remote control, the push button cannot be released)

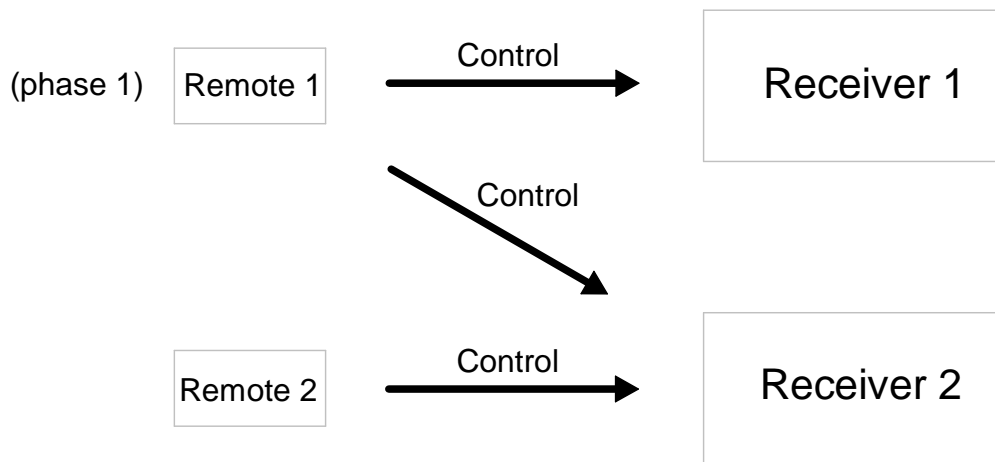
1. **Not match code between controller and remote controls (factory default):
The same Remote control can control all receivers the same model.**



2. Match code between remote ① and receiver ①

Not match code between remote ② and receiver ②

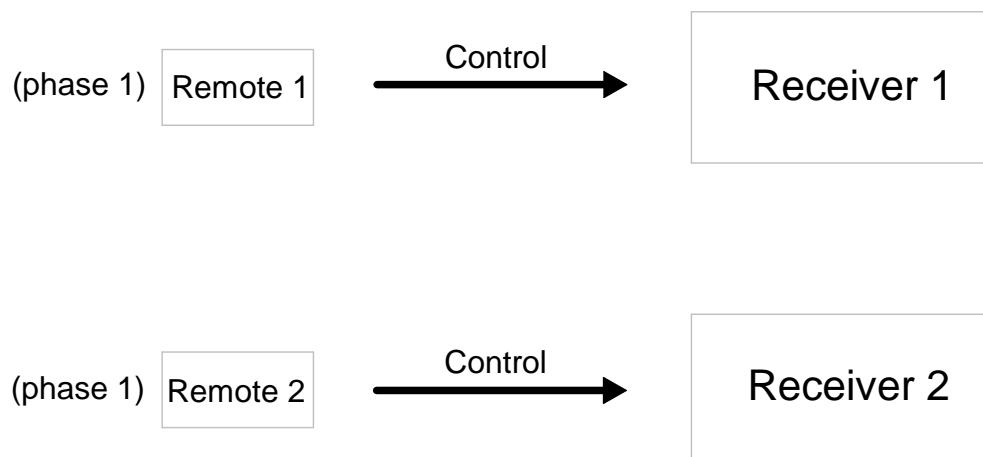
- Then receiver ① can be controlled only by remote ① (but remote control ① can control both receiver ① and receiver ②)
- Receiver ② can be controlled both by remote ① and remote ② (but remote control ② can only control receiver ②)



3. Match code between remote ① and receiver ①

And match code between remote ② and receiver ②

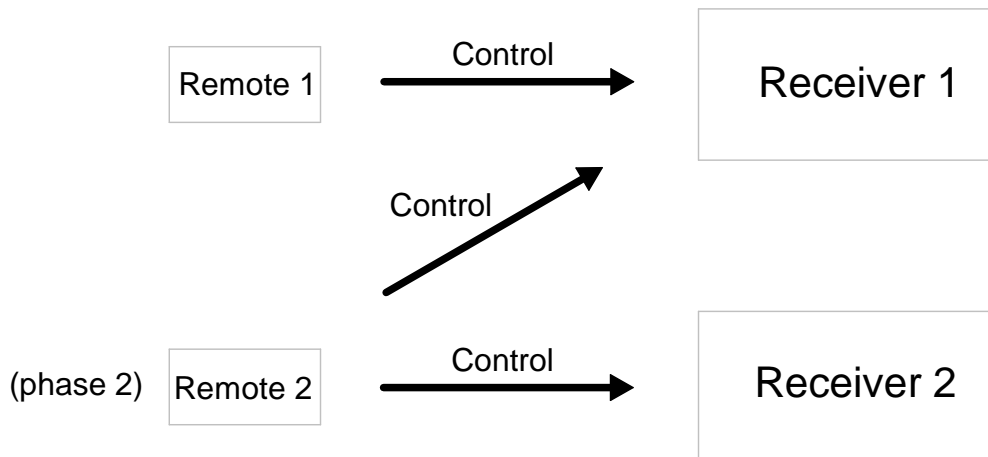
- Then receiver ① only be controlled by remote ① (and remote ① can only control receiver ①)
- Receiver ② only be controlled by remote ② (and remote control ② can only control receiver ②)



4. Cleared code between remote ① and receiver ①

And matched code between remote ② and receiver ②

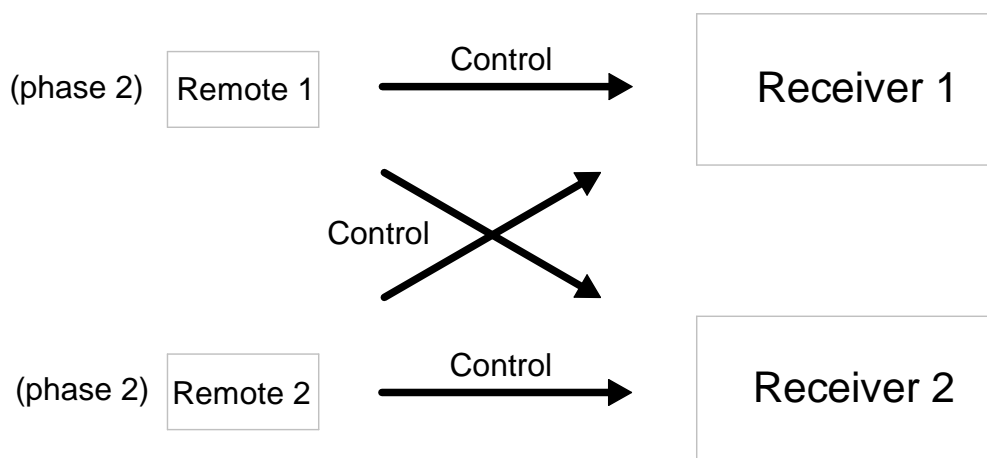
- Receiver ① can be both controlled by remote ① and remote ② (but remote control ① can still control receiver ①)
- Receiver ② can be only controlled by remote ② (but remote control ② can control both receiver① and receiver ②)



5. Cleared code between remote ① and receiver ①

And Cleared code between remote ② and receiver ②

Back to factory default. The same Remote control can control all receivers the same model.



For any control

How to use the zone button

Step	Operation	Instructions
1	<p>Press Zone with the control unit in off. You can choose from four zones.</p> <p>Above the zone button, there are four indicator lights that light up according to the selected zone (zones 1,2,3,4)</p>	<p>Selected the zone 1(remote control) proceed with the connection operation page 4.</p> <p>After the connection (zone 1), by changing the zones (2,3,4), it will not be possible to switch on the controller with the remote control because it is connected to zone 1</p>
2	<p>If have a second control unit?</p>	<p>Select zone 2 (remote control) and proceed with connection page 4.</p> <p>This function allows several control units to be connected with a single remote control and switched on at will by changing the zone.</p>
3	<p>Switching on of all zones</p>	<p>I have the option of switching on all the control units at the same time by holding down the zone button (remote control) until all four red lights come on.</p>
4	<p>For disconnect</p>	<p>For disconnection simply select the zone and perform the procedure on page 4</p>

Code learning operation between remote controls: Used to unify system code values or copy a new remote controls.

Step	Operation	Instructions
1	<p>A remote control: Press and hold "ON" on the remote control for 5 seconds, the indicator of the remote control will flash quickly, means it enters the pairing code transmission status.</p>	<p>Will automatically exit code transmission status after 60 seconds, or pressing any key to exit.</p>
2	<p>B remote control: long press "mode key" (around 5 seconds), the remote "indicator light" changes from 100% light to off, means entering the code value receiving state</p>	<p>Will automatically exit the code value receiving state after 30 seconds, or exit after learning the code value successfully.</p>
3	<p>See the B remote control "indicator light" flash 3 times</p>	<p>Code copying is finished and exit code value receiving status.</p>

Copying code from receiver to remote control.

Step	Operation	Instructions
1	Cut off the power of receiver.	Which one will be controlled by remote.
2	Long-press "mode key" (around 5 seconds), the remote "indicator light" changes from 100% light to off, means entering the code value receiving state.	Will automatically exit the code value receiving state after 30 seconds, or exit after learning the code value successfully.
3	Power on the receiver, will see the B remote control "indicator light" flash 3 times	Code copying is finished and exit 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.

The remote controller restores the factory setting: it means that the remote controller will be restored to the factory's unique code value.

Step	Operation	Instructions
1	Long press "mode key" for around 20 seconds	The remote indicator light dim down continuously until the 20th second and then back to 100% light. Means this step is finished.
2	Press the "OFF" to confirm, the remote "indicator light" flashes 3 times	Restore factory settings successfully.

Malfunctions analysis and troubleshooting

Malfunctions	Operation	Instructions
No response from the remote	<ol style="list-style-type: none"> 1. The battery has no power 2. Beyond controllable distance 3. The controller did not match the remote 	<ol style="list-style-type: none"> 1. Replace battery. 2. Reduce remote distance. 3. Re-match the remote.