

Controller and remote instruction and operating manual

LEDStrip RGBW/TW-RF-Controller

Feature:

1. 4 constant voltage output, each channel can drive 5A max.
2. Using 2.4G RF remote control, Long distance transmission.
3. Pre-loaded with 10 modes(scenes).
4. Compatible with Led strip light.

Technical Parameter:

Channels: 4 channels

Input Voltage: 12-24V DC

Output Voltage: 12-24V DC

Output Current: 5AVCH Total MAX 16A

Color Modes: 10 Modes

Protection: Short-circuit protect, Over current protect, Over temp protect

Pack Size: 104(L)x37.8(W)x22(H)mm

N.G.: 51g

Working Temp.: -20~45



Match Guide:

Receiver match with all kinds of single or multiple group 2.4G RF remote controller.

After match different color RF remote, the receiver become the same color controller.

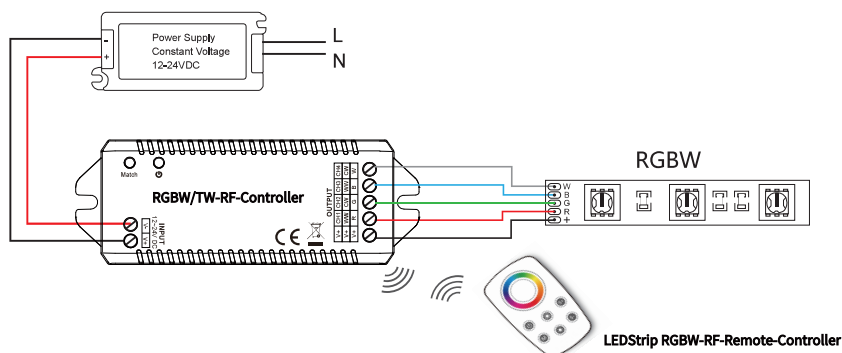
Use Match key:

1. Match: Short press match key, within 5s, press on/off key or group on of the remote 3 times, the lights connecting to the led controller will flick for 3 times, then this group is match successfully.
2. Delete: Short press match key, within 5s, press on/off key or group on of the remote 6 times, the lights connecting to the led controller will flick for 6 times, then this group is delete successfully.
3. Multiple zone remote only use group key to match each group receive.

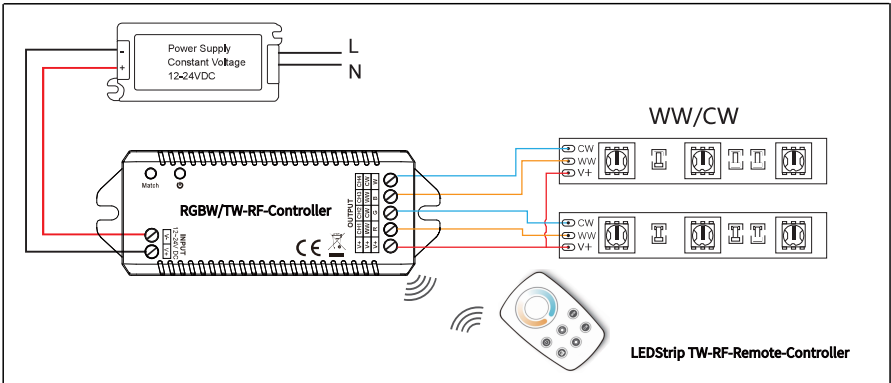
Use Power-up:

1. Match: Switch off the power, then switch on power again, short press on/off key or group on 3 times on the remote quickly within 5s after power on, the lights connecting to the led controller will flick for 3 times, then this group is match successfully
2. Delete: Switch off the power, then switch on power again, short press on/off key or group on 6 times on the remote quickly within 5s after power on, the lights connecting to the led controller will flick for 6 times, then this group is delete successfully
3. Multiple zone remote only use group key to match each group receiver.

Wiring instruction:



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Exception Handles:

Malfunction	Causation	Settle
No light	1. No power 2. The protection of the power supply is active 3. Wrong connection	1. Check the power 2. Check the fault, then power on again 3. Check the connection
No response from the remote	4. Wrong battery installation 5. Beyond controllable distance	4. Install the battery correctly 5. Reduce remote controllable distance
Delay response from the remote	6. battery power is not enough or incorrect step when install battery	6. Replace battery or reinstall battery
Uneven intensity between front and rear, with voltage drop	7. Output cable is too long 8. Wire diameter is too small 9. Verload beyond dimmer or power supply capability	7. Reduce cable or use loop supply 8. Change wider wire 9. Add power amplifier

Remote-Controller

Product Features:

1. Using 2.4G RF remote control, 20 meter long distance transmission
2. For adjusting the full-color, brightness, and mode change of the lamps
3. Can control a variety of controllers, and can be free to code and clear code

Technical Parameters:

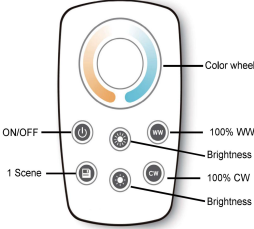
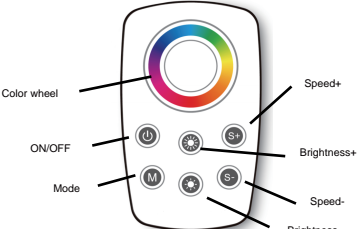
Item	Parameters
Power	3VDC(CR2032)
Remote Distance	20m
Wireless Frequency	2.4GhzISM
Working Current	<20mA
Standby Time	6months
Working Temperature	-30 ~-55
Dimension	100*61.5*9mm (L*W*H)
Weight	35g

Mode List:

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	Six color jump	8	Green fade in and out
4	Six color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

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Remote Control Button :

LEDStrip TW-RF-Remote-Controller	LEDStrip RGBW-RF-Remote-Controller
 <p>ON/OFF</p> <p>1 Scene</p> <p>Color wheel</p> <p>100% WW</p> <p>Brightness +</p> <p>100% CW</p> <p>Brightness -</p>	 <p>Color wheel</p> <p>ON/OFF</p> <p>Mode</p> <p>Speed+</p> <p>Brightness+</p> <p>Speed-</p> <p>Brightness-</p>
<p>ON/OFF: Power on the LED controller within 5 seconds --- The LED controller code and clear code 5 seconds after power on the LED controller--- Press the button to turn on / turn off all the LED controllers controlled by this remote controller</p> <p>Attention: When matching the code, press the key continuously and quickly for 3 times, and clearing the code, press the key continuously and quickly for 6 times. But as a switch function, don't press the key rapidly, otherwise the remote control will not respond to operation.</p> <p>Bright wheel: Touch to change color temperature</p> <p>Brightness-/Brightness+: Adjusting the LED lights brightness, You can add and subtract brightness quickly by long pressing the key.</p> <p>WW/CW: Get 2 kinds color temperature directly</p> <p>1 Scene: Short press run the scene, long press 2s save</p>	<p>ON/OFF: Power on the LED controller within 5 seconds --- The LED controller code and clear code 5 seconds after power on the LED controller--- Press the button to turn on / turn off all the LED controllers controlled by this remote controller</p> <p>Attention: When matching the code, press the key continuously and quickly for 3 times, and clearing the code, press the key continuously and quickly for 6 times. But as a switch function, don't press the key rapidly, otherwise the remote control will not respond to operation.</p> <p>Color ring: Touch the color ring to enter static color mode, in this mode, slide your finger on the color ring, choose the color you need optionally, and the color ring is only effective for the body finger.</p> <p>Brightness-/Brightness+: Adjusting the LED lights brightness, You can add and subtract brightness quickly by long pressing the key.</p> <p>Speed-/Speed+: Increase or decrease the speed of light color change.</p> <p>Mode: Change the pre-loaded modes, Usually control the change of built-in mode , Long press the button to enter the white light mode.</p> <p>Note: The mode, the brightness level, the speed parameter are set in the LED controller, the remote controller is responsible for sending the command.</p>

Match Code :

The remote control can be used after matching the code with the led driver, the method is as following:

Choose the led driver that you want to divide, turn off the power for 10 seconds, then turn on the LED driver, Within 3 seconds, press the corresponding " ON/OFF " button quickly for 3 times, the lamp connected to the LED driver will flick slowly for 3 times. Then, confirm the success of matching code.

Clear Code :

Full clear code : Choose the led driver you want to clear the code

If more than one driver needs to be clear, the operation is performed at the same time.) , turn off the power for 10 seconds, then turn on the power again. Within 3 seconds, press the " ON/OFF " button quickly for 6 times, the lamp connected to the LED driver will flick quickly for 6 times, then the code is cleared successfully.

Attention:

When installing the battery, please do not touch the color ring and any key to keep sensitivity of the color ring and the key.

You can use the controller after installing the battery for 5 seconds.

If you find a lower sensitivity when using the buttons and color rings, please re-install the battery in the correct way.