

尺寸: 140x210mm

Manual Instruction

2.4GHz RF LED Controller Series

Model No.: C01RF/C02RF/C03RF/C04RF/C05RF

2.4GHz RF Smart LED Controller is our newly developed LED controller series, including DIM, Dual White, RGB, RGBW, RGBCCT 5 kinds. It works with 2.4GHz RF remote controller and also works on Tuya Smart Life APP for smartphone control and 4G long distance control (Need Tuya 2.4G gateway).

1. Features

	16 Millions of colors to choose
	Smartphone APP control (2.4GHz gateway is need)
	Color temperature 2700~6500K
	Support third party voice control (2.4GHz gateway is need)
	Dim brightness / Saturation
	Remote control Control distance 30m
	Auto-transmitting & Synchronization
	2.4G RF wireless transmission technology
	PWM Frequency Switching
	Do not disturb function

2. Parameters

Single Color LED Controller

Model No.: C01RF
Input Voltage: DC5-24V(5.5*2.1mm)

Output: 6A/Channel; Total 12A Max
Working Temperature(Ta): -25~40°C
Support: 2.4GHz RF
Size: 74.5*35.6*16.5mm
Control Distance: 30M

Connection Diagram:

Input Voltage=Output Voltage



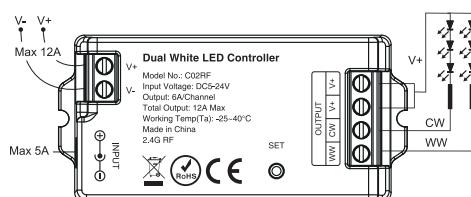
Dual White LED Controller

Model No.: C02RF
Input Voltage: DC5-24V(5.5*2.1mm)

Output: 6A/Channel; Total 12A Max
Working Temperature(Ta): -25~40°C
Support: 2.4GHz RF
Size: 74.5*35.6*16.5mm
Control Distance: 30M

Connection Diagram:

Input Voltage=Output Voltage



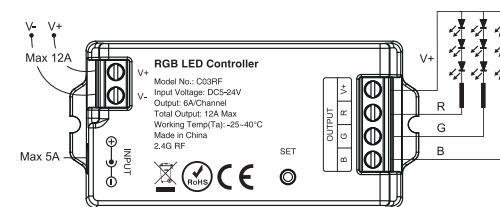
RGB LED Controller

Model No.: C03RF
Input Voltage: DC5-24V(5.5*2.1mm)

Output: 6A/Channel; Total 12A Max
Working Temperature(Ta): -25~40°C
Support: 2.4GHz RF
Size: 74.5*35.6*16.5mm
Control Distance: 30M

Connection Diagram:

Input Voltage=Output Voltage



RGBW LED Controller

Model No.: C04RF
Input Voltage: DC5-24V(5.5*2.1mm)

Output: 6A/Channel; Total 12A Max
Working Temperature(Ta): -25~40°C
Support: 2.4GHz RF
Size: 74.5*35.6*16.5mm
Control Distance: 30M

Connection Diagram:

Input Voltage=Output Voltage



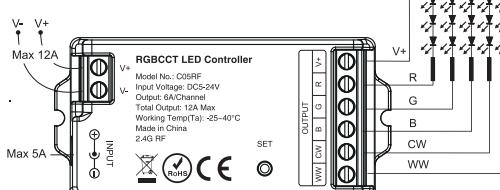
RGBCCT LED Controller

Model No.: C05RF
Input Voltage: DC5-24V(5.5*2.1mm)

Output: 6A/Channel; Total 12A Max
Working Temperature(Ta): -25~40°C
Support: 2.4GHz RF
Size: 74.5*35.6*16.5mm
Control Distance: 30M

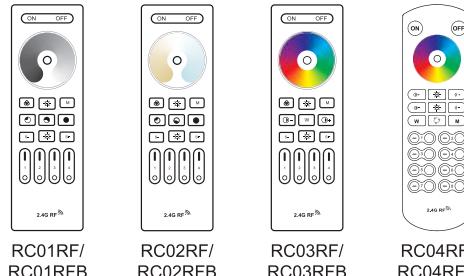
Connection Diagram:

Input Voltage=Output Voltage



Compatible Remote Controller:

Compatible with these remote controls (Purchased separately). For more details, pls read the remote instruction.



Unlinking with remote control

First way:

Press and hold the "SET" button for over 3 seconds until the light flickers once. Then, press the linked zone "ON" button on the remote 5 times within 5 seconds. If the light flickers slowly 10 times, the unlinking is successful.

Second way:

When the light is on, turn it off and wait 10 seconds, then turn it back on. Quickly press linked zone "ON" button on the remote 5 times within 5 seconds. The light will flash 10 times, indicating a successful unlinking.

Do Not Disturb

What is Do Not Disturb: When switching off the power, then switching on, the lights keep off without disturbing the rest of users.

Application to use Do not disturbing function:

1. Widely use on the area where there is power failure frequently to save energy.
2. When users go outside for long time, set up Do not disturb to avoid there is short circuit during this time.

Set up Do Not Disturb:

When the lights ON and not under dynamic mode, long press linked remote S+ button for 5 seconds, when the white lights blink once, set up the Do not disturb successfully.

Note:

1. Do not Disturb will be available when the light is under OFF mode by remote or APP.
2. When users set up Do not Disturb, the lights need to be switched OFF-ON twice within 5 seconds or use linked remote and APP to turn on the lights normally.

Delete Do Not Disturb:

When the lights ON and not under dynamic mode, long press linked remote S- button for 5 seconds, when the white lights blink 3 times, delete the Do not disturb successfully.

Note:

1. After delete the Do Not Disturb, the lights will be ON when you switch OFF, then switch ON the power.
2. The default mode for the device is without Do not Disturb, users must follow above steps to set up Do Not Disturb according to the real application.
3. Please use our LM091 remote or wall remote to set up or delete Do Not Disturb.

Attention

1. Please check whether the input voltage of the constant voltage power supply is in accordance with the controller, and please check the connection of both the cathode and anode.
2. The working Voltage is DC5~24V, the controller will be broken if the voltage is higher than 24V.
3. Non-professional user cannot dismantle the controller directly, otherwise, it may cause fire and electric shock.
4. The working temperature(Ta) is -25~40°C; Do not use the device to direct sunlight, moist and other high temperature area.
5. Please do not use controller around the mental area and high magnetic field, otherwise, it will badly affect the control distance.
6. When the device load to 12A, wire diameter must be over 1.5mm².
7. When the device load over 10A, the connecting cable must be shorter than 40cm long from DC port to LED strip.



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