

尺寸：200\*140mm


# Manual Instruction


## WiFi&BT LED Controller Series


Model No.: C06W/C07W


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


### 1. Features


- 


Color temperature  
2700~6500K
- 


Dim brightness /  
Saturation
- 


Bluetooth wireless  
control
- 


2.4G RF wireless  
transmission technology
- 


Tap-to-Run &  
automation
- 


Auto-transmitting &  
Synchronization
- 


Link/Unlink/Reset  
Button on the controller
- 


Timing setting /countdown  
turn on /off LED lights
- 


WiFi wireless  
control
- 

Smartphone APP  
control
- 

Support third party  
voice control
- 

Support remote control  
(control distance 30m)
- 

Group contro
- 

Device sharing
- 

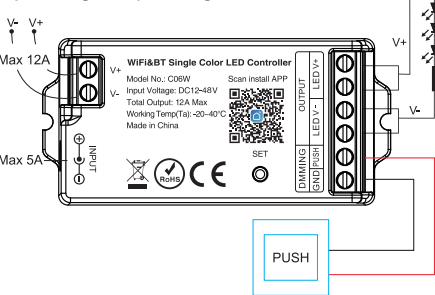
Support  
music rhythm

### 2. Parameters

#### Single Color LED Controller

Model No.: C06W  
Input Voltage: DC12~48V(5.5\*2.1mm)  
Output: 12A Max  
Working Temperature(Ta): -20~40°C  
Support: WiFi&2.4GHz RF  
Size: 74.5\*35.6\*16.5mm  
Control Distance: 30M

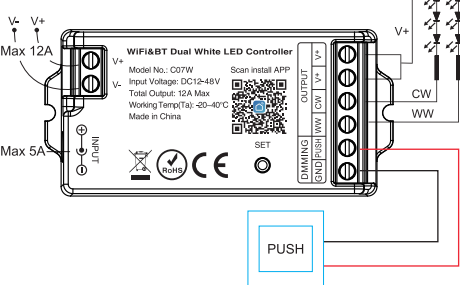
#### Connection Diagram: Input Voltage=Output Voltage



#### Dual White LED Controller

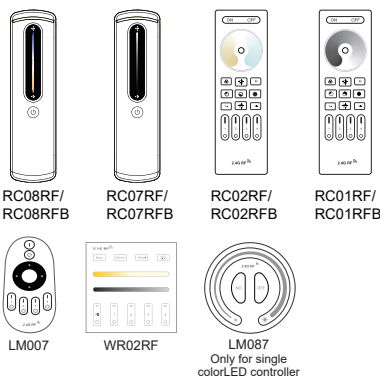
Model No.: C07W  
Input Voltage: DC12~48V(5.5\*2.1mm)  
Output: 6A/Channel; Total 12A Max  
Working Temperature(Ta): -20~40°C  
Support: WiFi&2.4GHz RF  
Size: 74.5\*35.6\*16.5mm  
Control Distance: 30M

#### Connection Diagram: Input Voltage=Output Voltage



### 3. Compatible Remote Controller:

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

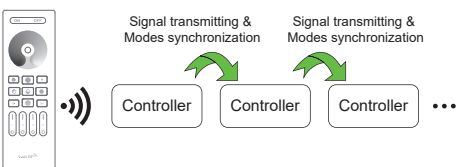


### 4. Signal transmitting

One strip controller can transmit the signals from the remote control to another controller within 30m, as long as there is a strip controller within 30m, the remote control distance can be limitless.

### 5. Mode synchronization

Different controllers can work synchronously when they are started at different times, controlled by the same remote, under same dynamic mode and with same speed.



### 6. Smartphone APP WiFi Control Instruction

#### 1. Download and install [Smart Life] or [Tuya Smart] APP

Search for [Smart Life] in Apple or Google store or scan following QR code to download and install the app.

Please click " Register " button to create account while using it in the first time, Log in directly if you already had account.

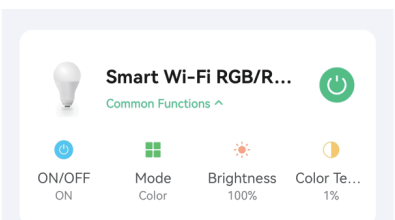


#### 2. Link to Smartphone&Reset Devices

- Make sure Smartphone is working on WLAN network.  
(make sure that your phone linked with 2.4GHz WiFi, the controller does not support 5GHz WiFi and WiFi6)
- Long press "SET" button, or switch ON-OFF power 4 times (ON-OFF-ON-OFF-ON-OFF-ON), when the white light blink, the device come into link or reset mode.
- Open the sign-in APP, it will discover the devices automatically, (If it's not discovered, please click "+" on the top right corner, and select "add new device" manually) follow the steps and complete linking;



- Added devices will be displayed on homepage after linking successfully, then click the device and go into the control interface for more operation.



**Note:**Please complete the linking within 3 minutes, after 3 minutes, the devices will not on linking mode, you have to do above " 2 " step, and link again.

### 7. Bluetooth Control:

While the WiFi router disconnected, you can open the bluetooth on your smartphone and control the linked device directly as a short distance (within 20M).

### Switch Bluetooth Control Steps:

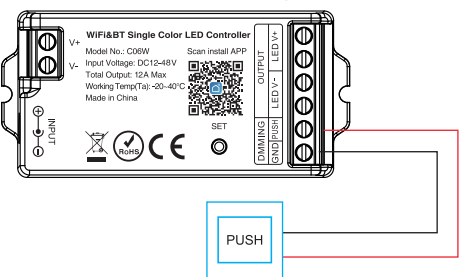
- Complete the network configuration of the devices on your smartphone first.
- Disconnect the WiFi router connected to the device, close WiFi signal and 4G signal on your smartphone, then open the bluetooth, wait for some minutes to control.

### Note:

Bluetooth-only connection (without WiFi) supports short-range basic control only. Advanced features (grouping, scheduling, third-party voice integration, etc.) are disabled in this mode.

### 8. PUSH Switch instruction

#### 1. PUSH Switch Connection Diagram



#### 2. PUSH Switch Function

##### 2.1 Dimming Function:

- Short press PUSH Switch: Turn ON or Turn OFF the light.
- Long press PUSH Switch: Dimming the brightness smoothly. Long press Push Dimmer, then loosen the Push Dimmer, then long press again, switch increase brightness or decrease brightness

##### 2.2 Active Link/Unlink mode to remote:

Short press Push Switch over 4 times within 5 second, make the device into Link/Unlink Mode. The Link/Unlink will last for 5 seconds.

##### 2.3 Smart Link to APP

Long press Push Switch for over 15 seconds, under light OFF mode.

### 9. Attention

- 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.
- The working Voltage is DC12~28V, the controller will be broken if the voltage is higher than 48V.
- Non-professional user cannot dismantle the controller directly, otherwise, it may cause fire and electric shock.
- The working temperature (Ta) is -20~40°C; Do not use the device to direct sunlight, moist and other high temperature area.
- Please do not use controller around the mental area and high magnetic field, otherwise, it will badly affect the control distance.
- When the device load to 15A, wire diameter must be over 1.5mm².
- When the device load over 10A, the connecting cable must be shorter than 40cm long from DC port to LED strip.
- Please install the device on good dissipation area.

