Manual Instruction

WiFi&BT LED Controller Series

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

🎨	16 Millions of colors to choose	📶 WiFi	WiFi wireless control
🌓	Color temperature 2700~6500K	📱	Smartphone APP control
☀️	Dim brightness / Saturation	🎤	Support third party voice control
✳️	Bluetoooyh wireless control	📱	Support remote control (control distance 30m)
📶 2.4G	2.4G RF wireless transmission technology	🗂	Group contro
Ⓐ	Tap-to-Run & automation	➤	Device sharing
🔁	Auto-transmitting & Synchronization	🎵	Support music rhythm
◎	Link/Unlink/Reset Button on the controller	⏱	Timing setting / countdown turn on / off LED lights

2. Parameters

Tuya Wifi RF LED Dimmer

Model:CX-W01-P1-12A
Work Voltage: 12-24V DC
Output Channel: 1
Output: 6A/Port, Total 12A Max
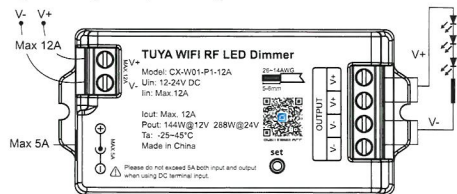Max. Power: 144W(12V), 288W(24V)
Size: L75*W36*H16.5mm
Match Remote: LM007, LM087, RC01RF, RC01RFB

Connection Diagram:
Input Voltage=Output Voltage

Tuya Wifi RF LED CCT Controller

Model:CX-W01-P2-12A
Work Voltage: 12-24V DC
Output Channel: 2
Output: 6A/Port, Total 12A Max
Max. Power: 144W(12V), 288W(24V)
Size: L75*W36*H16.5mm
Match Remote: RC02RF, RC02RFB, WR01RF

Connection Diagram:
Input Voltage=Output Voltage

Tuya Wi fiRF RGB Controller

Model:CX-W01-P3-12A
Work Voltage: 12-24V DC
Output Channel: 3
Output: 6A/Port, Total 12A Max
Max. Power: 144W(12V), 288W(24V)
Size: L75*W36*H16.5mm
Match Remote: RC03RF, RC03RFB, RC03RF, RC03RFB, WR02RF

Connection Diagram:
Input Voltage=Output Voltage

Tuya Wi fiRF RGBW Controller

Model:CX-W01-P4-12A
Work Voltage: 12-24V DC
Output Channel: 4
Output: 4A/Port, Total 12A Max
Max. Power: 144W(12V), 288W(24V)
Size: L75*W36*H16.5mm
Match Remote: RC03RF, RC03RFB, RC03RF, RC03RFB, WR02RF
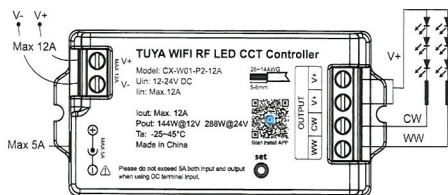
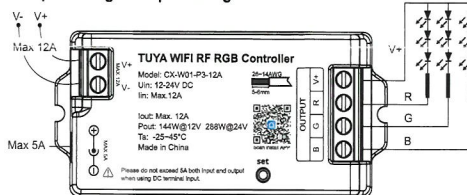### Connection Diagram:
Input Voltage=Output Voltage

Tuya Wi fiRF RGBCCT Controller

Model:CX-W01-P5-12A
Work Voltage: 12-24V DC
Output Channel: 5
Output: 4A/Port, Total 12A Max
Max. Power: 144W(12V), 288W(24V)
Size: L75*W36*H16.5mm
Match Remote: RC03RF, RC03RFB, RC03RF, RC03RFB, WR02RF
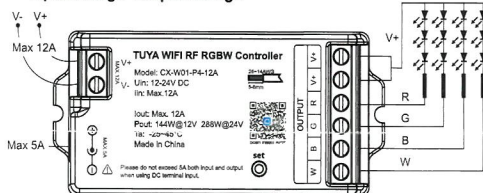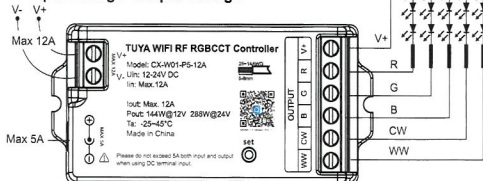
Connection Diagram:
Input Voltage=Output Voltage

Compatible Remote Controller:

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

RC03RF RC03RFB RC02RF RC02RFB RC01RF RC01RFB

RC0(4/5)RF RC0(4/5)RFB WR01RF WR02RF LM087
Only for single color
LED controller

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.

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.

Signal transmitting & Modes synchronization Signal transmitting & Modes synchronization

Controller Controller Controller • • •

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

(1). Make sure Smartphone is working on WLAN network.
(2). 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.
(3). 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;
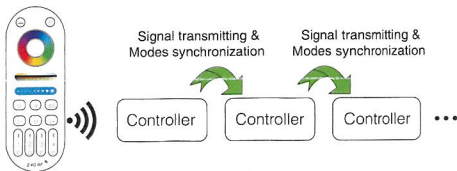
Devices to be added: 1

Smart Wi-Fi RGB/
RGBCCT

Add

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

Smart Wi-Fi RGB/R...
Common Functions ^

ON/OFF Mode Brightness Color Te...
ON Color 100% 1%

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.

Bluetooth Control:

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

Switch Bluetooth Control Steps:

(1). Complete the network configuration of the devices on your smartphone first.
(2). 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.

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 DC12~24V,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-25~45℃; 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.
8. Please install the device on good dissipation area.

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