Manual Instruction

1. Features

The controller is adopted by the most advanced PWM control technology, and has memory function (The light status will keep same as the status before you turn o ffthe light) ; Wireless and 4G controlled by Tuya Smart Life APP.

16 Millions of colors to choose	WiFi wireless control
Color temperature 2700K~6500K	Smartphone APP control
Dim brightness / saturation	Support third party voice control
Support music rhythm	Support remote control (control distance 30m)
Support scene customization	Device sharing
Timing setting / countdown turn on / off LED light	Group control
Bluetooth wireless control	2.4G wireless transmission technology
Tap-to-Run & automation	Auto-transmitting & Synchronization
Free screw when connecting to LED strip	Link/Unlink/Reset Button on the controller

**WiFi&BT 5-in-1 LED Strip Controller**

Model No.: WB5

4. Auto-transmitting Diagram

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.

Auto-transmitting Auto-transmitting Auto-transmitting

Controller   Controller   Controller   Controller ...
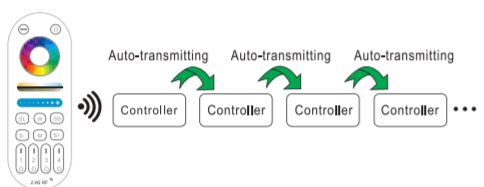
5. Connect to LED strip

⚠ Controller input voltage must be in accordance with the required voltage of LED Strips.

Input voltage=Output Voltage

Connect to Single Color LED strip diagram

AC TO DC
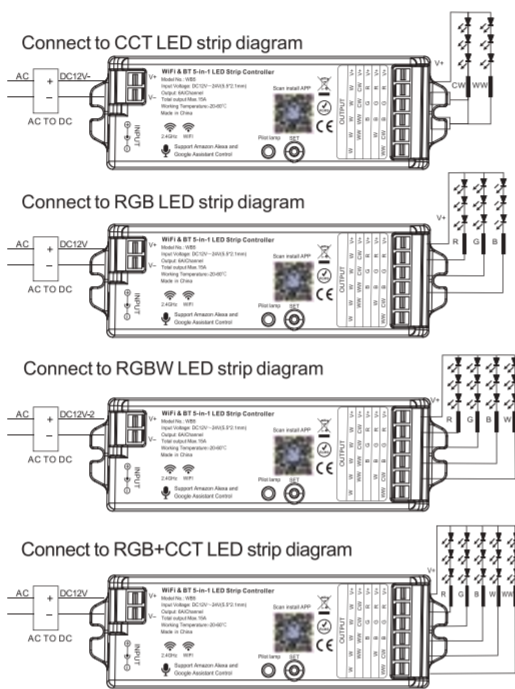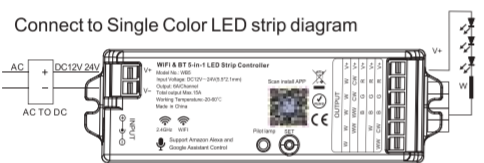
2. Parameters

Model No.: WB5
Input Voltage: DC12V~24V (5. 5*2. 1mm) ⊖–⊕–⊖
Output: 6A/Channel (Total Output Max. 15A)
Working Temperature: -20~60℃
Communication Mode: WiFi-IEEE 802. 11b/g/n 2. 4GHz
RF: 2. 4GHz   Weight: 65g

Input 1 Max 15A

Input 2 Max 6A

Smart Link&Unlink: We have 3 methods to Link and Unlink to APP.
1. Long press "SET" button for 3 seconds, the purple pilot lamp blinking, the device go into Link/Unlink mode and Smart Link Mode.
2. Switch OFF the power for 5 seconds, then switch ON again and Long press the linked Zone ON button on the linked RGBCCT remote, the strip light will blink 3 times, the device go into Smart Link mode.
3. Switch ON-OFF the power 4 times(ON-OFF-ON-OFF-ON-OFF-ON), the strip light will blink 3 times, the device go into Smart Link mode.
Note: On the 4 times "ON-OFF" reset operation; when the light ON, switch OFF the power immediately;after switching OFF the power, please wait until the power supply has no power totally(wait over 5 seconds on each Switch-OFF), then switch ON again.
Note:Pilot lamp red light always ON means device not link to APP, need to do above steps to link. green light aways ON means device linked to APP;device is controllable.
Switching Output Mode: Short press "SET" button to switch the output mode; The indicating lamp flickering means switching successfully; Different colors flickering correspond to different output mode; Details see below sheet.

White Light Flickering	Yellow Light Flickering	Red Light Flickering	Green Light Flickering	Blue Light Flickering
Single Color Mode	Dual White Mode	RGB Mode	RGBW Mode	RGB+CCT Mode (Default Mode)

6. Remote Controller

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

C03RF   C03RFB   C02RF   C02RFB   C01RF   C01RFB

LM096   LM091   LM007   WR01RF   WR02RF   LM087
Only for single color LED controller

Connect to CCT LED strip diagram
Connect to RGB LED strip diagram
Connect to RGBW LED strip diagram
Connect to RGB+CCT LED strip diagram

AC TO DC

7.Bluetooth control instructions

When power off the router , you can turn on the Bluetooth of your smartphone and connect directly controlled device at a short distance.
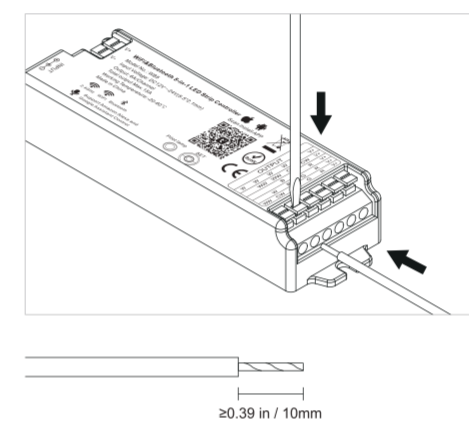
Suggestion: Complete the network distribution of the equipment first, then adjust the ouput mode Pilot lamp.

Indicating light instruction:

Red light always-on	Green light always-on	Red light blinking	Blue light always-on
Disconnected from network	Networking successfully	Waiting for smart link	WiFi router disconnected but sttill controllable

3. Auto-synchronization function

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.

Controller

Controller   Controller
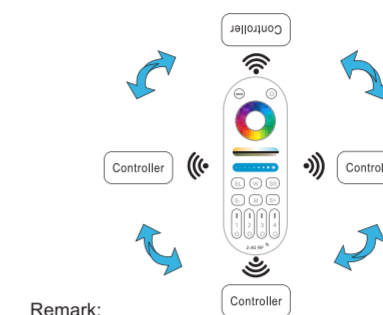
Controller

Remark:
1. 🔄 Indicating Auto-transmitting.
2. Controller will be auto-synchronizing in the same dynamic modes and within 30m controlling distance.

Switching Bluetooth control steps:

(1) Complete the network distribution of the equipment.
(2) **Power off the router** used for network configuration, turn off WiFi on the mobile phone, turn on Bluetooth, 1 minute later, reopen the APP, it can control the device by bluetooth automatically.

8. Free screw when connecting to LED strip

≥0.39 in / 10mm

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(5) Added devices will be displayed on home page after network configuration is successful.
(6) Click device you want to control to enter the control interface.

5 Intelligent control
(1) Click " Smart " at the bottom.
(2) Click " + " in the upper right corner to create intelligent control.

3,APP Control
(1) Click " device " or " group " you want to control on homepage to enter control page, where you can control color, saturation, brightness, color temperature, and scene.
(2) Click music sync to enter music rhythm mode, light will change with rhythm of music.
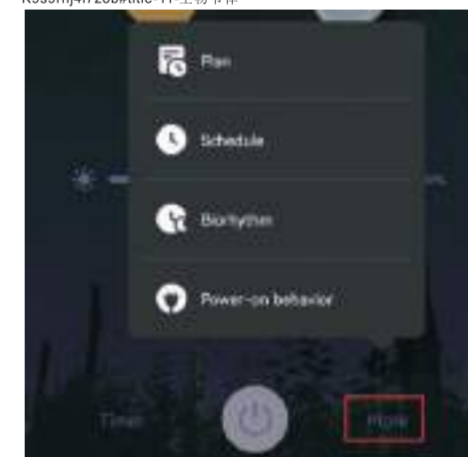Note: Music rhythm mode requires phone keep on this page

(3) In the page of creating smart, you can set command to be executed under the specified conditions (such as: turn on or turn off light, color, brightness, mode, etc.)
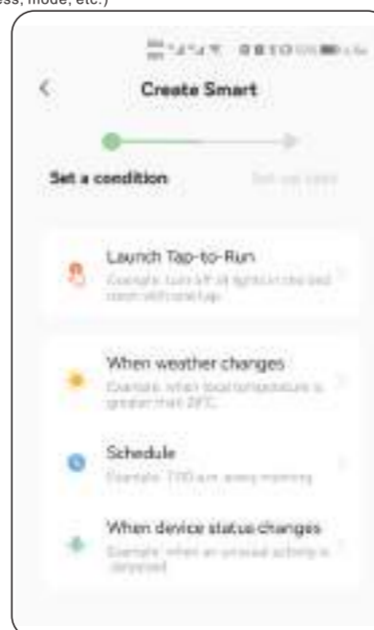
（3）Click More on the right bottom, you can choose more settings, including Plan, Schedule,Biorhythm and Power-on behavior.
Detailed setting, please read the below links:
https://developer.tuya.com/en/docs/iot/product-panel-configuration?id=K9s9rhj4i7z8b#title-11-生物节律

⚠ 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 is-20~60℃; 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 is 15A,wire diameter must be over 1.5mm²

Controller can not use in humid area

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