
Product Specifications

Products name: Tuya Wifi 44 keys Music led controller (3 buttons)

(RGB RGBW RGBCW)



Product Description

Tuya Wifi 44 keys Music RGB, RGBW, RGBCW led controller is a intelligent LED controller which is compatible with mobile phone control, voice control and IR remote control. It use Tuya wifi solution technology to ensure device's stability in LAN control and remote control. Main function are 16 million colors adjustment, dynamic modes, brightness adjustment, speed adjustment, DIY modes, Timing function, Music control etc.

Technical Parameters

Controller:

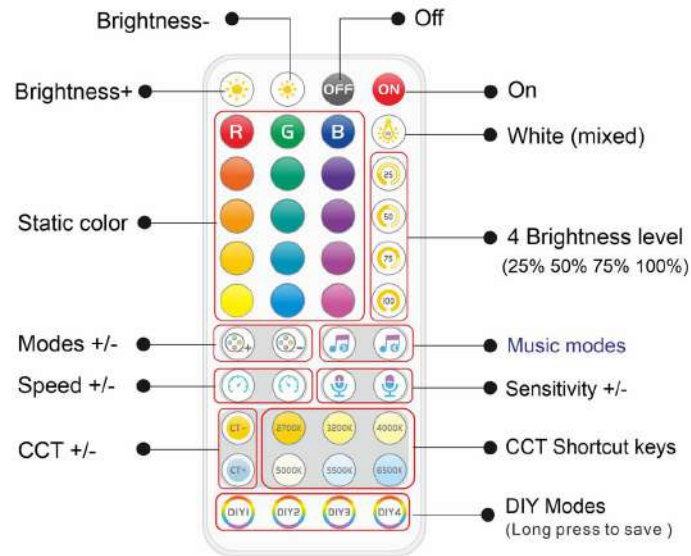
- Working temperature: -20-60°C
- Input voltage: DC 5V~24V
- Output: 3RGB /4RGBW /5 RGBCW (CH)
- Max output current: ≤6A
- Controller size: L60mm*W30*H15mm
- Net weight: 58g(set) Gross weight: 60g(set)
- Static power consumption: <1W
- Output power: 5V:≤30W, 12V:≤72W, 24V:≤144W
- Connection mode: Common anode

Remote control:

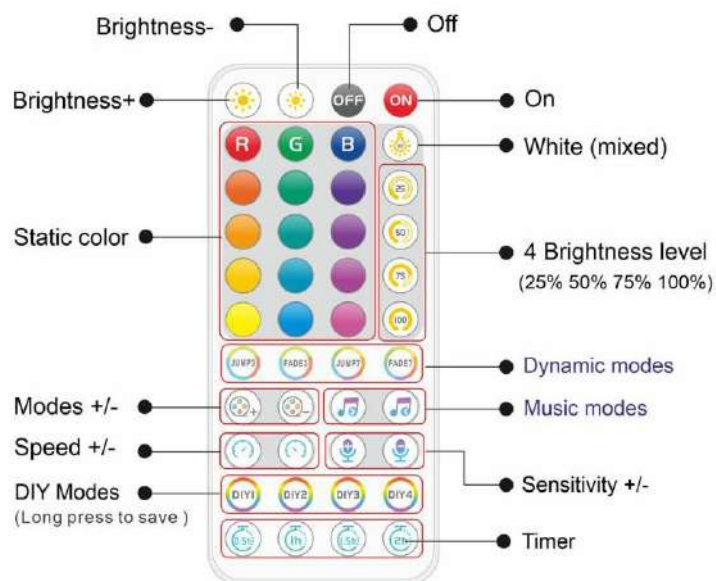
- Working voltage: 3V, 1* CR2025 betton cell
- External dimension: L124mm*W54*H7mm:
- Remote control distance: 8-12m

Controller button & Remote control instruction:

1.Remote Function: **RGB** or **RGBW** remote:



RGBCW Remote:



2.Controller function instruction:



ON/OFF button:

Short press: Turn on or turn off light

Long press: Long press "on/off" button for 5 seconds and output lamp flashes into wifi pairing status ;

Music mode button:

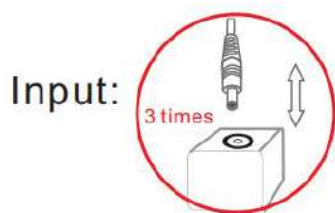
Short press: can switch 4 kinds music modes (corresponding the 4 music modes on remote)

Color switch button:

1. Short press: switch several static color modes;
2. Long press: brightness+/-

Connection description

Power input interface: Adopt the DC female connector as a power input interface



Load output interface: Used to 4PIN (RGB) / 5PIN(RGBW) /6PIN(RGBCW) female connector as load output interface



(RGB)



(RGBW)



6PIN (RGBCW)

APP instructions:

1. Before use, please install wifi control software App (“**Tuya Smart**” or “**Smart life**”) on the mobile, There are two kinds of installation method as follows:

- ① Please scan the QR code below to download the software APP:



Tuya smart



Smart life

② In the Google Play Store (android system) or the App Store (apple system) to search "**Tuya Smart**" or “**Smart life**” to download and install app.

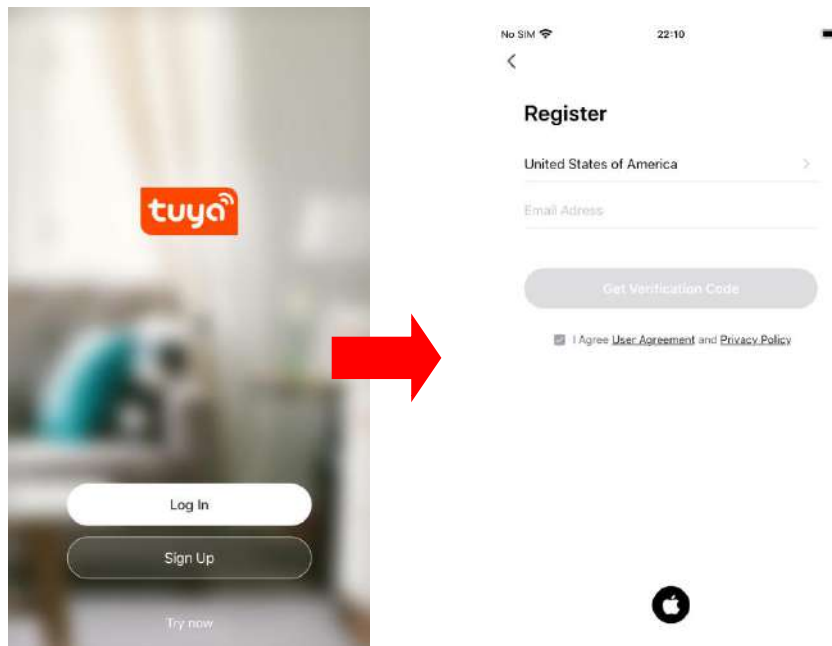
2. After app installation is complete, open the phone wifi function and connect the router.

3. Controller device part installation :

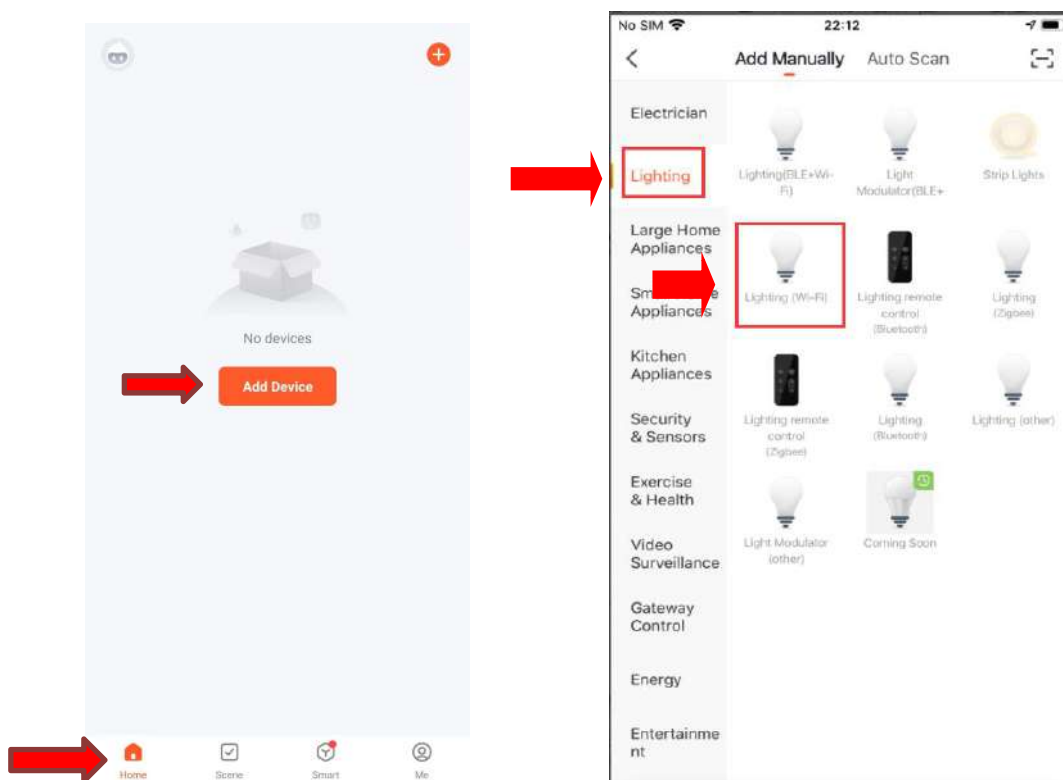
Connecting controller and output led light first, then connect the power supply , to ensure no short circuit between the cables before power on, supply voltage is DC5-24V, do not input on other voltage.

4. Open the control software APP-“**Tuya Smart**” on the phone:

If you don't have an account, please click “**Register**” to register an account first; if you already have an account, you can use the existing account to log in directly.



5. After registration, log in and enter the homepage "Home", Click "Add Device" or "+" sign in the upper right corner to add a wifi device; Select the "Lighting" line item in the Add Manually column, select the "Lighting (Wi-Fi)" go to the "Add Device" page;



6. Wifi device configuration status setting & Factory reset:

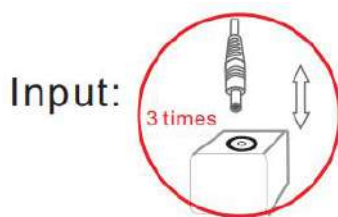
[How to set wifi device into configuration status?:](#)

Way1: Long press "on/off" button on the controller for 5 seconds into wifi pairing status, and the light fast blinking means setting successfully.

Way2: Long press "on" button on the Remote for 5 seconds into wifi pairing status, and the light fast blinking means setting successfully.

Way3: Turn off and turn on the controller for 3 times into wifi pairing status, and the light fast blinking

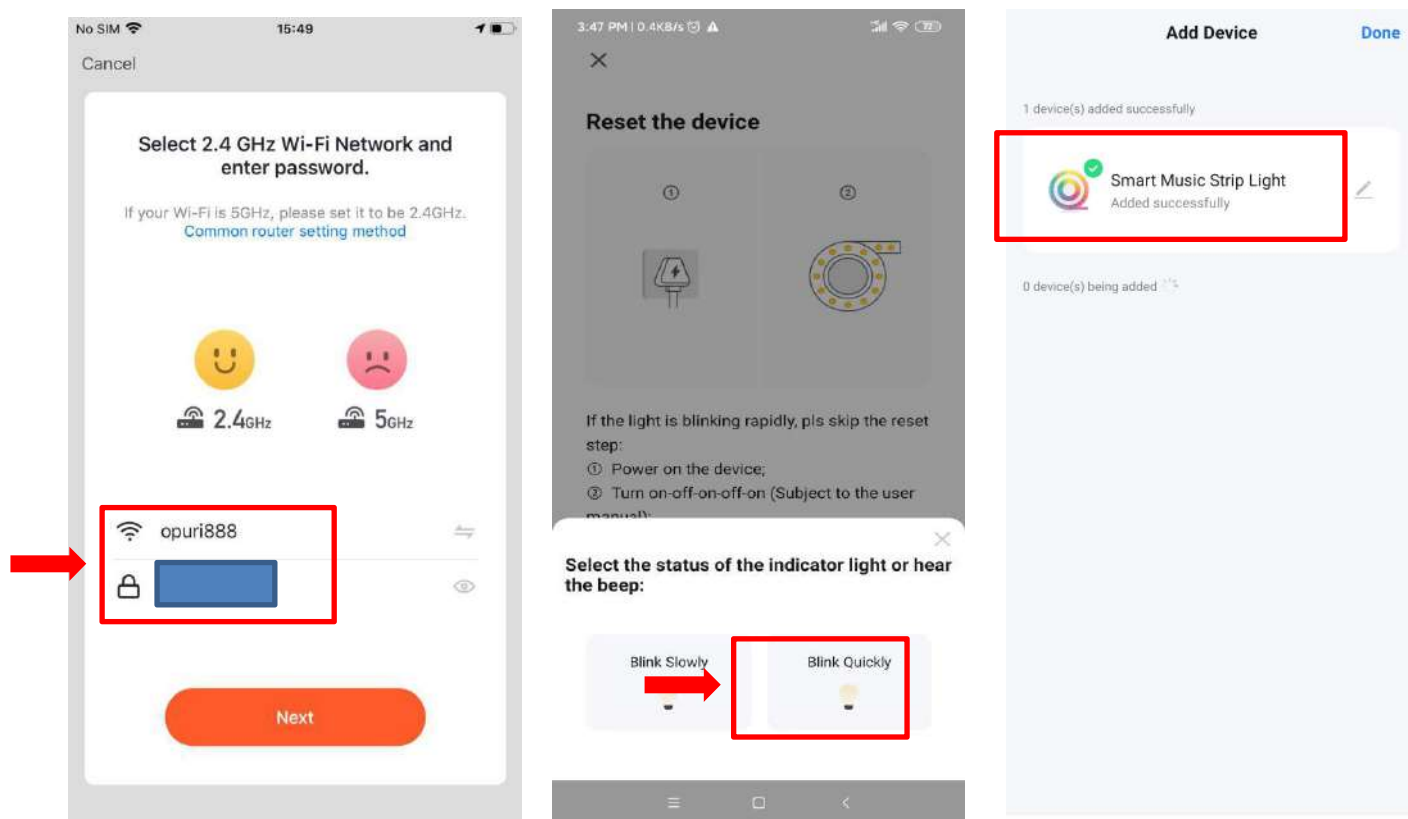
means setting successfully.



Factory reset:

Note: if your device have been configured to one phone , but you want to configure it to new phone, please delete the device or factory reset it , the steps are same as above steps.

7. Select wifi routing network and input password ---> click “next”---> click “blinking quickly”--->, app will remind “ Add successfully” , the output light will stop fast blinking at the same time. now you can customize the naming settings for the controller, and the controller can be assigned to different room such as: living room, master bedroom and so on.



8. After adding devices, enter the light control interface, there are four main interface of “**White Mode**” “**Colour Mode**” “**Scene Mode**” “**Schedule**” to control the lights differently. The functions of each option are described as below:

(1)“White Mode” “Colour Mode”

White Mode (RGBW device): Sliding the brightness to **adjust the brightness** value from 1%%-100% for white light (pure white).

White Mode (RGBCW device): Slide and touch the CCT from 2700~6500K, Sliding the brightness bar to **adjust the brightness** value from 1%%-100% for white light.



RGBW

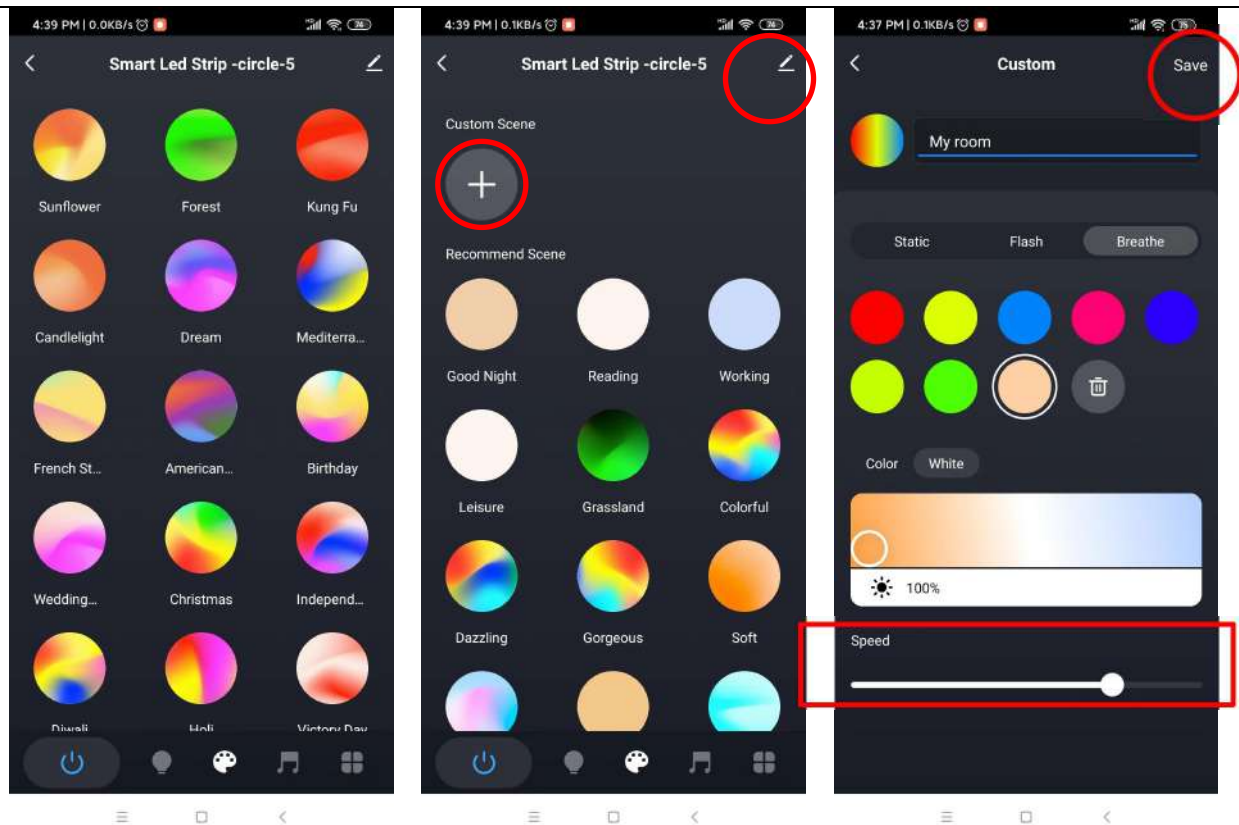


RGBCW

Colour Mode: Slide and touch the color ring to select any color, can adjust the "**Brightness**" and "**Saturation**" of light from 1%-100% through the two below bars.

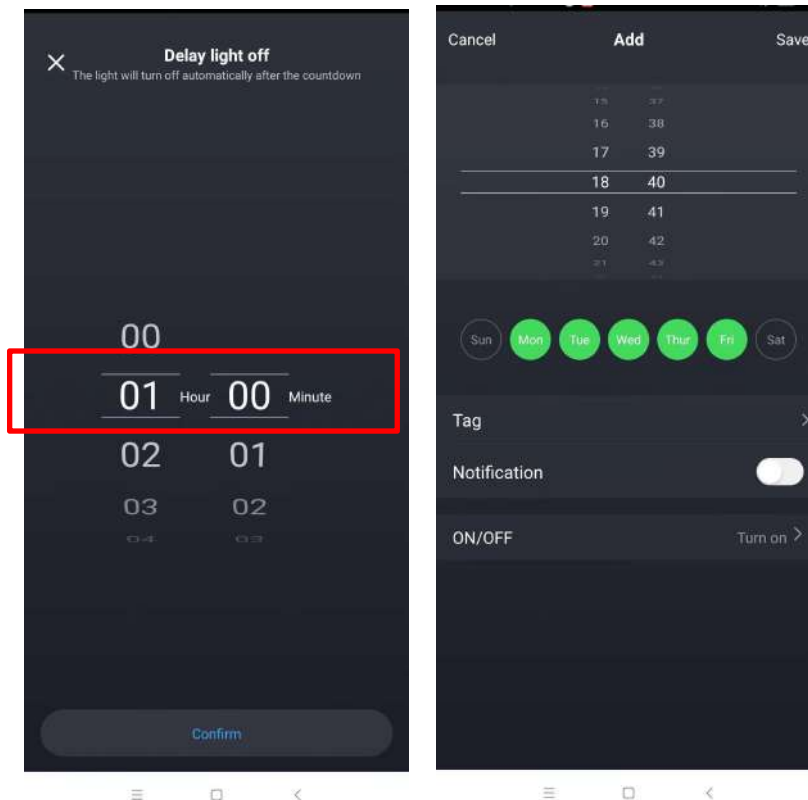


② **Scene Mode:** There are many default modes such as "Good night" "Reading " "working" etc, Click "Custom scenes" and "Edit icon " to DIY set different colors, modes, brightness, and speed.



③ **Schedule and Timer:** Can set the ON/OFF status of the light according to the actual required timing.

Note: After setting the time, the APP on the mobile phone exits or disconnects the wifi, the schedule also works.

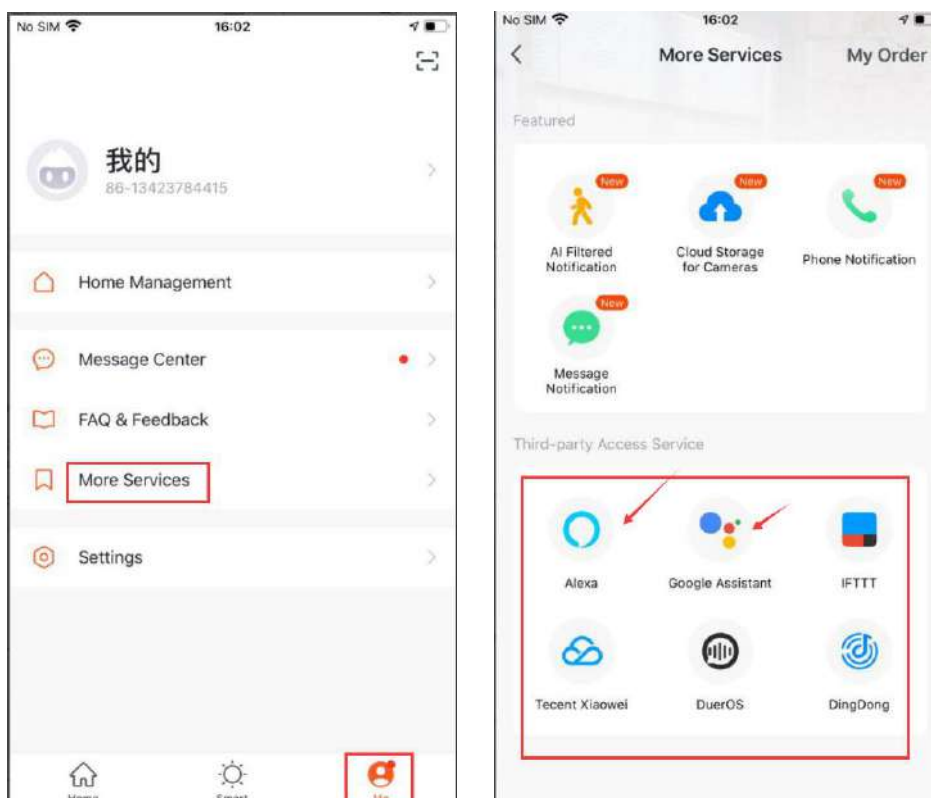


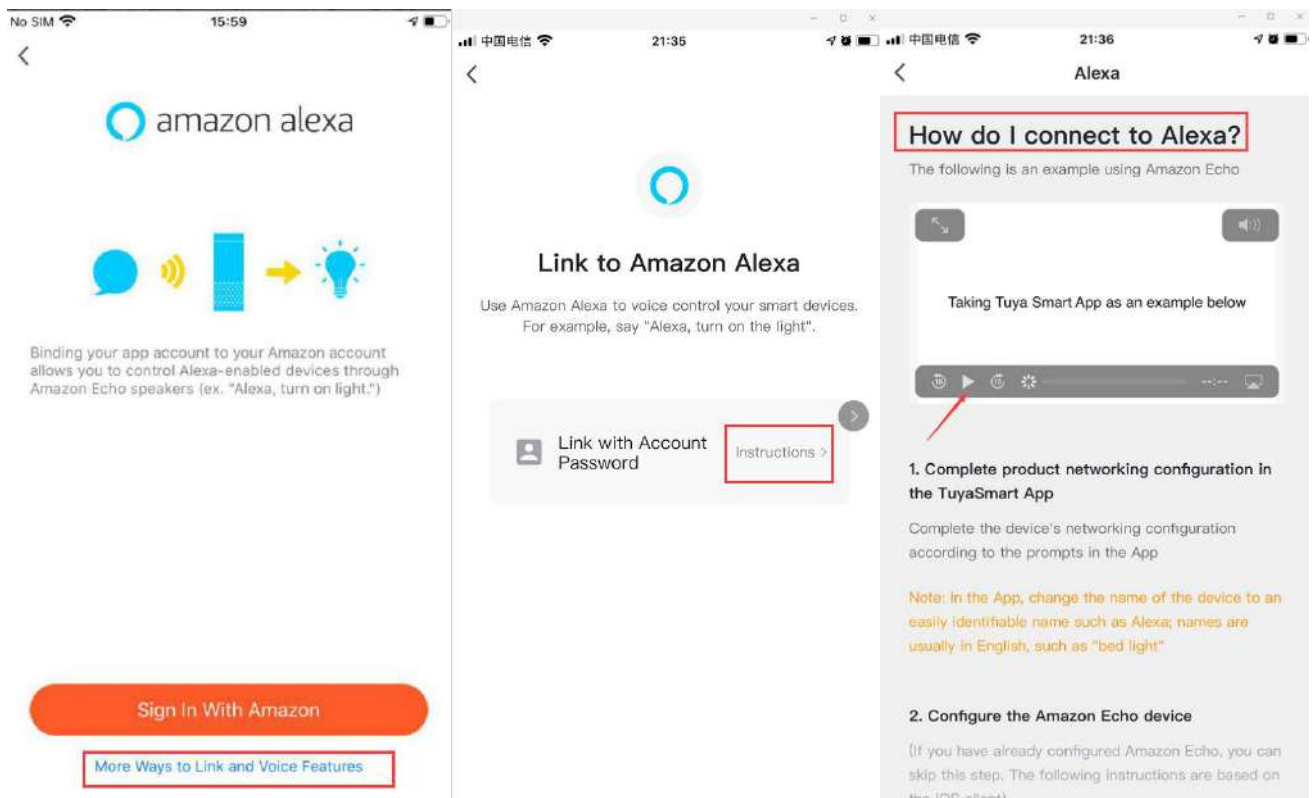
④ **Music:** When your phone are playing some music, the output light will dance with music, change different modes and colors.



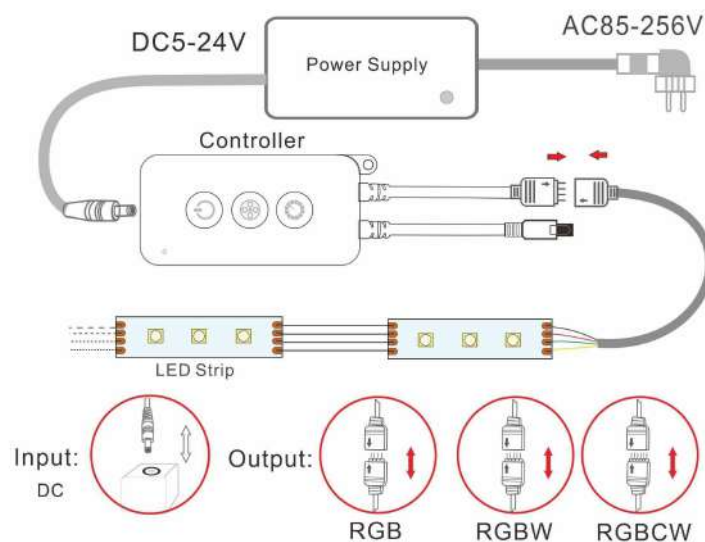
9. Voice assistant service: This controller is compatible with **Alexa, Google Assistant, Rokid, Tmall Genie, Ding Dong, Tencent Xiaowei** and other intelligent voice devices, it can control the lights by connecting smart voice devices. For detailed connection methods and instructions, please follow the corresponding device instructions. As shown by Alexa:

Other services: The controller is also compatible with various services such as IFTTT.





Connection diagram:



Cautions:

1. This product only use on supply voltage DC5-24V, do not input on other voltage.
2. The lead wire shall be according to the wiring diagram of the color and label, connect correctly.

3. This product can not be overloaded.
4. Do not put the controller in a wide range of use metal area, or near a strong electromagnetic wave area, otherwise it will seriously affect the communication distance.

FAQ:
If you have any questions when using wifi device, please enter “FAQ & Feedback” of “My” interface to check.

