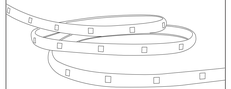
Smart LED Light Strip User Manual



Please read this manual carefully before using the product and keep it in a safe place for future reference.

Product introduction

Smart RGB ambient light strip can be used on TV or monitor, in bedroom, kitchen room, living room, other recreation places, etc.
Amplify the atmosphere with two modes: the screen sensing mode can automatically capture and display the color on the screen; and the music sensing mode syncs the light with the rhythm of the music once activated.
You can also adjust different light modes and light colors to meet the needs of various moods.

Product features

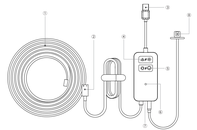
- Color customizing
- Brightness adjustment
- One-button control
- Phone control
- Extendable capability
- Scene change
- Timer
- Screen color capture
- Optional modes
- Energy saving
- Easy installation
- Voice control

Specification

Product name	5V TV Smart version	24V TV Smart version
Controller size	68*32.7*13mm	
Color	Matte white	
Control modes	Control modes: button control, APP control, voice control	
Power supply	5V 3A	24V 3A
Light source	5050 RGB Serving life: 50,000 hours	
Connecting length	5m(MAX)	15m(MAX)
Working environment	Temperatures: -20℃ to 55℃ (humidity 0% to 80% RH)	
Installation method	controller/light strip, 3M adhesive tape	
Accessories	Controller, light strip, connector, color sensor, instruction manual	Controller, light strip, connector, adapter, instruction manual

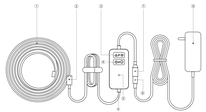
Product certification

Connecting method (5V smart version)



①Light strip
②Light strip connector
③USB connector
④Brightness adjustment/ Wi-Fi reset
⑤ON/OFF/light mode
⑥Indicator light
⑦Controller
⑧Color sensor(for selected model)

Connecting method (24V smart version)



①Light strip
②Light strip connector
③Brightness adjustment/Wi-Fi reset
④ON/OFF/light mode
⑤Indicator light/music sensor (for selected model)
⑥Controller
⑦DC female connector
⑧DC male connector
⑨Adapter

Button controls introduction

ON/OFF/light mode button		
ON	Press the ON/OFF button to enter the light mode, the indicator light illuminates.	
Optional light modes	Mode1	Automatically capture and display the color on the screen	For selected models
		Automatically sync the light with the rhythm of the music	
	Mode2	Flowing light effect(blue, green, and cyan)	
	Mode3	Breathing light effect(pink)	
	Mode4	Solid green	
	Mode5	Solid yellow	
	Mode6	Solid cyan	
	Mode7	Solid violet	
Power off	press and hold the ON/OFF button; the indicator goes off.		

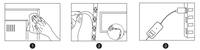
Brightness adjustment/Wi-Fi reset:
①Press: adjust from 8 levels of brightness, from bright to dim;
②Press and hold: press for 5s, the indicator light on the controller will flash, indicating the Wi-Fi has been reset successfully and the device is ready to pair. (The previously added smart light strip will be removed.)
Note: The light strip features a memory function that allows the light to remain at the set mode after power off.

Indicator light status:
1.Power on: LED flashes (0.5s/1 time); LED is solid on after paired;
Screen sensing mode: LED is in breathing status.
Music sensing mode: LED is in breathing status.
Other modes: LED is solid on.
2.Power off: LED is off.

TV installation

Automatically capture and display the color on the screen when used on TV as ambient light.

Installation method



1.Clean the area where you want to install the light strip and keep it clean;

2.Paste the LED light strip on the back or the edge of your TV or monitor; use the connector to keep the light strip flush in the corners. Please fold the LED light strip carefully;

3.connect the USB port on the controller with the 5V port on your monitor;(If the controller has a 24V DC interface, please use a 24V adapter.)

4.Firmly and correctly connect the light strip connector on the controller to the light strip with the polarity facing the same direction of + and -;

5.Tear off the adhesive tape on the back of the controller and place the controller in position. Connect the color sensor jack to the controller connector;

6.Vertically install and fix the color sensor on the left or right side of the screen with the head of the color sensor and the edge of the device aligning vertically;

7.Installation completed; ready to use.

Using the device

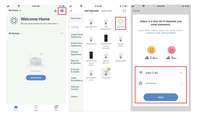
Connect your device to a power source and make sure your phone is connected to a 2.4 GHz Wi-Fi network.

Download APP

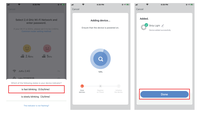
For android users, please search for Smart Life and download it from Google Play Store; for iOS users, please search for Smart Life and download it from iOS APP Store; or scan the QR code to download and install the APP.
For the first use, please click the "register" to register for an account. Click "login" if you already have an account.

Binding the device

Two methods to bind the device; method Ⅰ: add manually; method Ⅱ: auto scan
Method Ⅰ (add manually):
1.Open the APP and enter "Home" page, tap "+" in the upper right corner, and then select add manually;
2.Tap "Lighting" in the "device list"; select "Strip Lights" and follow the on-screen instruction to add the device;
3.Select a 2.4GHz Wi-Fi network and enter the password; click next;



4.Power the product, the blue indicator light on the controller will blink (0.5s/1 time), the device will automatically enter the pairing mode, click confirm the indicator rapidly blinks (0.5s/1 time) to pair;
5.The connecting page will be displayed. The indicator light on the controller is solid on after paired;
6.The page indicating the device has been added successfully will be displayed. You can edit the device name now.



Wi-Fi reset

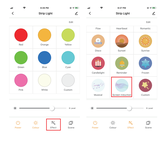
Press and hold the button (brightness adjustment/Wi-Fi reset) for 5s, the indicator light on the controller will blink rapidly (0.5s/1 time), indicating the Wi-Fi reset is done and the device is ready to pair. (The previously added smart light strip will be removed.)

Third-party smart speaker connection

Support Alexa and Google Assistant.
Go to the main page, click the "✓" button in the upper right corner to set the light strip, select your device name, and then follow the on-screen instruction to add the device.

Screen induction mode

Go to the main page, click "" to set the light effect, and then click "screen sensing" icon to enter the screen sensing mode.



Musical mode

Go to the main page, click "" to set the light effect, and then click "music sensing" icon to enter the music sensing mode.

FAQ
Troubleshooting

1.The light is off/blinking/flickering
Check if the connection between the light strip and the connector is correct. Test the USB port with other adapters. If the light illuminates normally, the issue might be caused by the wrong power output or low voltage.

2.The light doesn't work in automatic sensing mode?
Check if the light is set to automatic sensing mode by confirming that the controller indicator is in breathing status.

3.The light is not changing in color sensing mode?
Check if the light is set to color sensing mode by confirming that the indicator on the controller is in breathing status.
Check if the color sensor is correctly installed to the screen with the correct installation procedure.

4.The light is not changing in music sensing mode?
Check if the light is set to music sensing mode by confirming that the indicator on the controller is in breathing status.

5.The light is flashing after turning off the TV
The USB port will supply power even the TV is turned off. Press and hold the controller button to turn off the light.

6.Can't connect to Wi-Fi?
① Wi-Fi signal is weak.
② Confirm the Wi-F connected to your phone is a 2.4G network (5G network cannot be connected).
③ Press the brightness adjustment/Wi-Fi reset button for 5s to re-enter the pairing mode and try to connect again.

7.The controller button doesn't work
Contact us if it still fails to function even you test with other adapters.

Safety precautions

1. Please confirm that the voltage conforms to the working voltage of this product before use. Improper voltage may damage the product and cause safety hazards.

2. The light source of this product can't be replaced.

3. The light strip will generate heat, please keep the air flowing for better heat dissipation.

4. Do not bend the LEDs in the light strip greater than 90 degrees to avoid damaging the product.

5. Do not use the product near water to prevent the product from damage or other unexpected circumstances.

6. Keep out of reach of children. Children should use this product under the care of their parents.

7. Do not connect the product to the power supply when it is in the package box.

8. Do not exceed the maximum extended distance of the light strip.

9. Do not use the product outdoors.

FCC statement

This device complies with Part 15 of the FCC Rules: Operation is subject to the following two conditions: 1. This device may not cause harmful interference and2. This device must accept any interference that is received, including any interference that may cause undesired operation.

RF exposure warning :

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body. This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band. Ad Hoc function is supported but not able to operate on non-US frequencies. Do not use the device with the environment which below minimum -30 °C or maximum over 50°C .

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

说明书单页尺寸:140*140mm