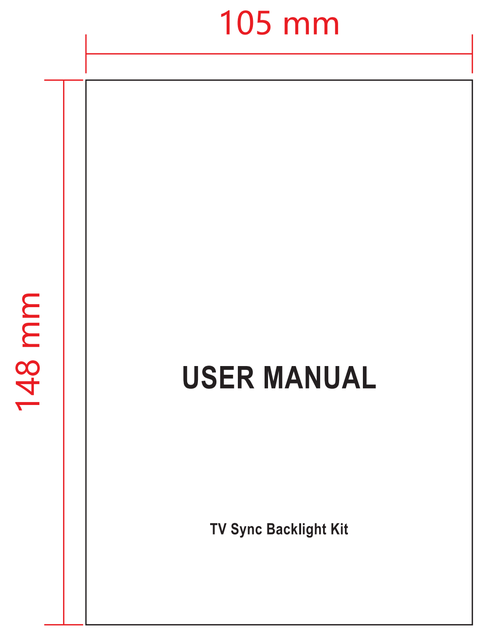
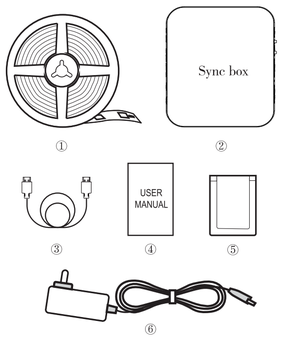
# 光画同步灯带说明书 V1.20220609

装订方式：骑马订
纸张：105g双铜版纸
印刷方式：四色印刷
尺寸：105*148mm




封面

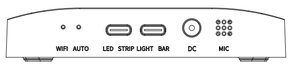
## What You Get



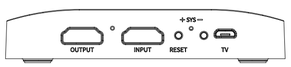

① LED Light Strip X 1 ② Sync Box X 1 ③ Data Cable X 1
④ User Manual X 1 ⑤ Cable Clips X 6 ⑥ Power Adapter X 1



## Sync Box




**WIFI**: Be on when the sync box is successfully connected to WIFI. Flash when it fails to connect to WIFI.
**AUTO**: Light up when you put a tick on "Setting→Sync TV Switch" in the Smart Life APP.
**LED STRIP:** Connect the light strip.
**LIGHT BAR:** Connect our other products in the future.
**DC**: Connect the power adapter.
**MIC:** Pick up sounds around.




**OUTPUT**: Connect your TV or monitor.
**HD**: Flash when there is HD signal input.(The light between "INPUT" and "OUTPUT")
**INPUT**: Connect Apple TV/Fire TV Stick/PS4 and other signal sources.
**RESET**: Long press this button for 5s to restore the sync box to factory default settings.
**TV**: Connect to your TV with a micro usb cable (the cable is not included in the package), and the light strip will be turned on/off simultaneously with your television. But if this port is connected and the "AUTO" light is on, you can't control the light strip via the APP when your TV is off.



## Specifications

| | |
|---|---|
| Length of LED Light Strip | 12.5ft (2.3ft*2+3.9ft*2)<br>16.4ft (3ft*2+5.2ft*2) |
| Specification of LED Light Strip | 30Pcs/m RGBIC SMD5050 |
| Adapter Output | AC100-240V DC12V/2A<br>(For Length of 12.5ft)<br>AC100-240V DC12V/3A<br>(For Length of 16.4ft) |
| Dustproof and Waterproof Level | LED Light Strip: IP65<br>Sync Box: Non-waterproof |
| Recommended Aspect Ratio | 16:9 |
| Fit TV Size | 55-65inch (12.5ft) /<br>75-85inch (16.4ft) |
| Signal Input and Output | HD 2.0b, support up to 4K<br>60Hz and HDR10 |
| WiFi Connection | 2.4Ghz IEEE 802.11 b/g/n |
| APP Control | Smart Life/Tuya |
| Voice Control | Alexa / Google Assistant |



## Safety Precaution

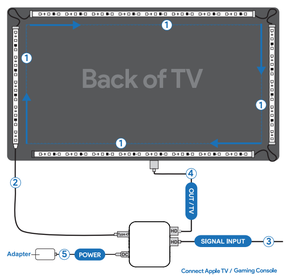
- Do not cut the LED light strip.
- Please clean and dry the back of TV and remove any conductive objects like nails or screws from the installation surface before installing the light strip to avoid short circuit.
- Please avoid bending the LED components during installation because it may affect the service life of the LED light strip.
- Please keep the product away from sharp objects, water, corrosive chemicals, open flames, heat sources, high temperature, humid environment.
- Please place the product beyond the reach of children.
- Please be careful of static electricity during installation and usage.
- Stop using if the power adapter or cord is damaged. Always use the original power adapter.
- Do not disassemble the product by yourself.
- Do not power on the LED light strip before reeling it out.

## Before Installation

- Please clean and dry the back of TV and remove any conductive objects like nails or screws from the installation surface.
- Please reel out the LED light strip and power it on to check whether it works correctly.



## Safety Precaution




① Tear off the adhesive tape and stick the light strip clockwise to the back of TV from the bottom left corner. Fix the light strip in corners with clips.
② Connect the light strip to the "LED Strip" Type-C port of the sync box.
③ Connect Apple TV or other signal sources to the "Input" port of sync box with an HD cable.
④ Connect Your TV or monitor to the "output" port of the sync box with the data cable.
⑤ Power on the light strip with the power adapter and start to connect it with the Smart Life APP.



**Note**: The light strip will light up from end to end the first time it is powered on. The sync box will automatically detect the number of IC chips of the light strip and set the aspect ratio for 16:9 without manual operation.

## Pairing Your Device

### What You Need

- A WIFI router compatible with 2.4GHz 802.11 b/g/n (5GHz is not supported).
- A smartphone running IOS 9.0 (or above) or Android 5.0 (or above).

**Install the Smart Life App**

① Download the "Smart Life" App from Apple App Store (IOS devices) and Google Play (Android devices) / Scan the QR code below to download.

Download on the App Store
GET IT ON Google Play

② Register and log in to the Smart Life App.

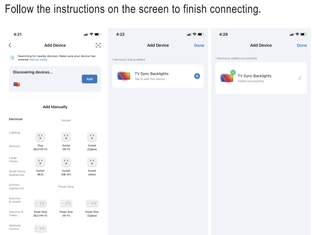
### Reset The Device

① Long press the "RESET" button for 5s until the light strip flash, and then the sync box has been restored to factory default settings.



### Connection Steps

① Open "Smart Life" App, and turn on WIFI and BLE on your smartphone. Tap "+" in the upper right corner and select "Add Device" --> "Auto Scan".
② Add the device from "Discovering devices".
Follow the instructions on the screen to finish connecting.



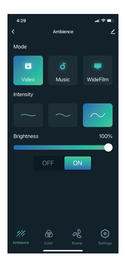

## APP Control

### Ambience

**Video Mode**

The video mode is for better TV immersive viewing experience. The light strip will capture the colors displayed on your TV and change its own color synchronously with the screen.






**Wide Film Mode**

The wide film mode is specially for better TV immersive viewing experience when there are black bars around your video. In this mode, the light strip can reduce the influence of the black bars and accurately capture the colors displayed. And the light strip will also change its own color synchronously with the screen.

**Intensity**

There are 3 intensity levels of time delay of 100ms, 50ms and 0ms (from left to right) when picking up colors on TV. You can adjust the intensity depending on television pictures (for example, slow-changing television documentaries and fast-changing gaming pictures).



**Music Mode**

In the music mode, you can choose the lighting position and brightness. The light strip will capture every beat of the music or your voice, and change its color and brightness along with the rhythm.

### Color

In the "Color" interface, you can move the small circles to choose your favorite colors or adjust brightness.

### Scene

12 preset light effects are included for different scenes, and you can also move the small circles to adjust brightness.



### Home Management

Create a home group in the APP and your family members will get access to the device through "Smart Life" APP on their phones.

### Advanced Rules (Scene & Automation)

Let your smart device execute actions automatically according to the rules you make and even cooperate with other devices based on weather, temperature or just a scene action.

## Voice Control

Please go to the Third-Party Voice Services in the Smart Life APP (Smart Life APP→Me→Third-Party Voice Services) to bind your app account to your Amazon account or Google account. After that, you can control the light strip with your voice.

## FAQ:

**Fail to turn on/control the light strip**

- Check if the power supply is plugged in.
- Check if the data cable is connected correctly and the signal sources work normally.
- Check if the type-c cable of the light strip is plugged in tightly.
- Check if the "TV" port of the sync box is connected with your TV and whether the sync TV switch in the APP is ticked. If so, you can't control the light strip via the APP when your TV is off.
- Long press the "RESET" button for 5s until the light strip flash to restore the sync box to factory default settings. And follow the user manual to connect the Smart Life APP again.



**Fail to connect with the APP**

① Make sure the light strip is powered on.
② Check if BLE on your phone is turned on.
③ Make sure your smart phone and the light strip are connected to the same 2.4GHz WiFi network. (5Ghz is not supported)
④ Make sure you have entered a correct Wi-Fi password and the light strip is within the signal coverage of the router.
⑤ Follow the steps of "Pairing Your Device" in the user manual to connect with the APP again.

**Colors of the light strip are not in sync with the TV**

- Check if the installation direction is the same as the direction showed in the user manual. Please refer to "Installation Steps".
- Check if it is in video mode or wide film mode. Colors in other modes can't not be in sync with TV.

**Fail to have screen sync light effects when using TV's built-in app**

- The sync box needs HD signal input through a data cable to realize the screen sync function. It doesn't support built-in app.



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Federal Communications Commission (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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Warning: Changes or modifications made to this device not expressly approved by **Shenzhen Mingan Optoelectronics Technology Co., Ltd.** may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## RF exposure statement:

The transmitter must not be colocated or operated in conjunction with any other antenna or transmitter. This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a Minimum distance of 20cm between the radiator and any part of your body.