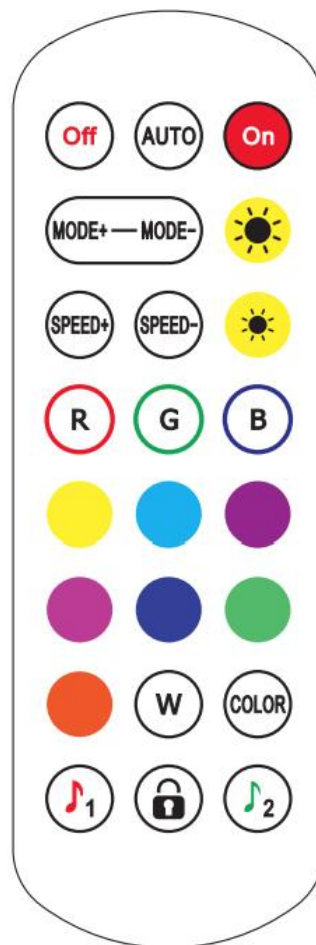


Smart Bluetooth Controller

For Smart Bluetooth LED Strip



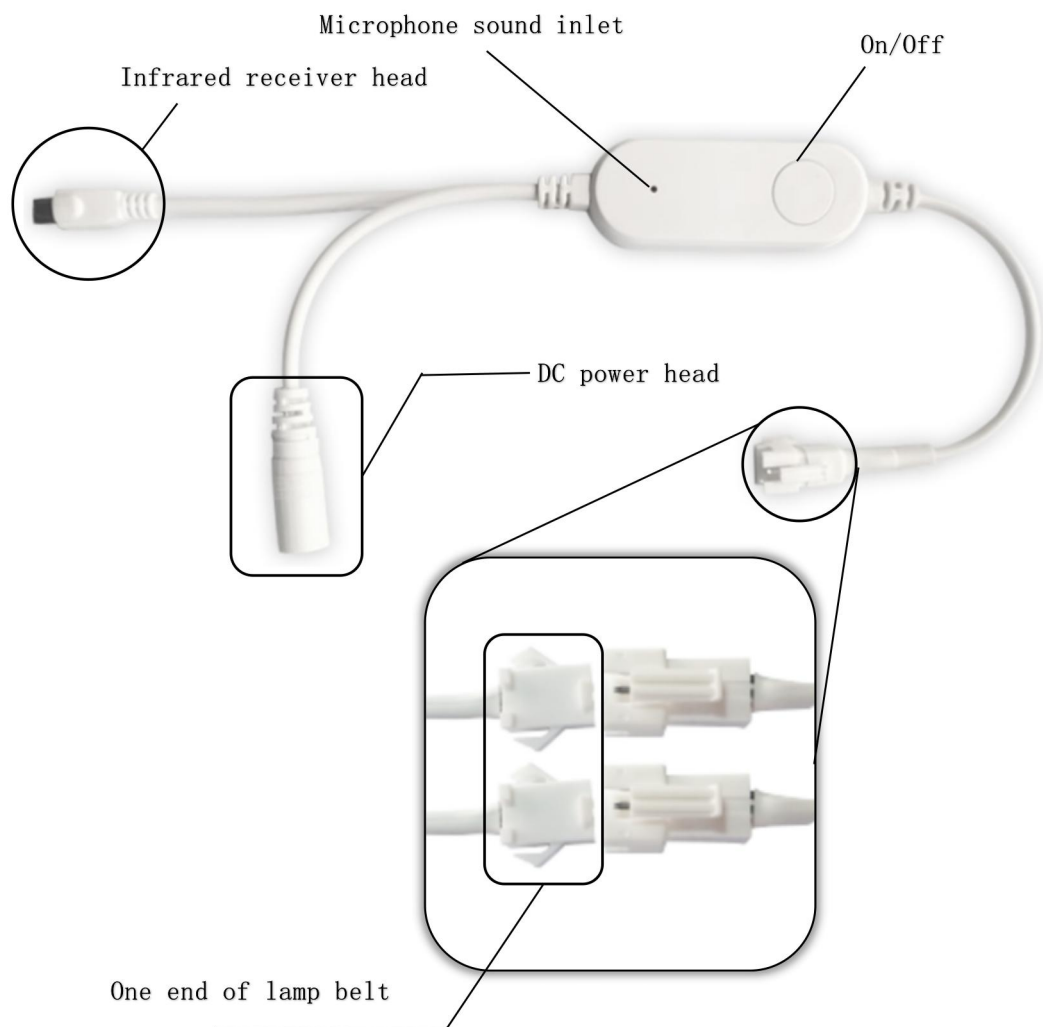
Product Features

1. Built-in microphone ,real-time acquisition of music and environmental sound intensity.
2. Led Light sync to music ,contains a variety of musical rhythm modes.
3. You can choose to use the infrared remote control.
4. Control by Smart Life APP.The software shows that the text is based on the language of the mobile phone set up automatic transformation of Chinese ,English and other local language.
5. It has a variety of dynamic light effects to cope with various occasions.

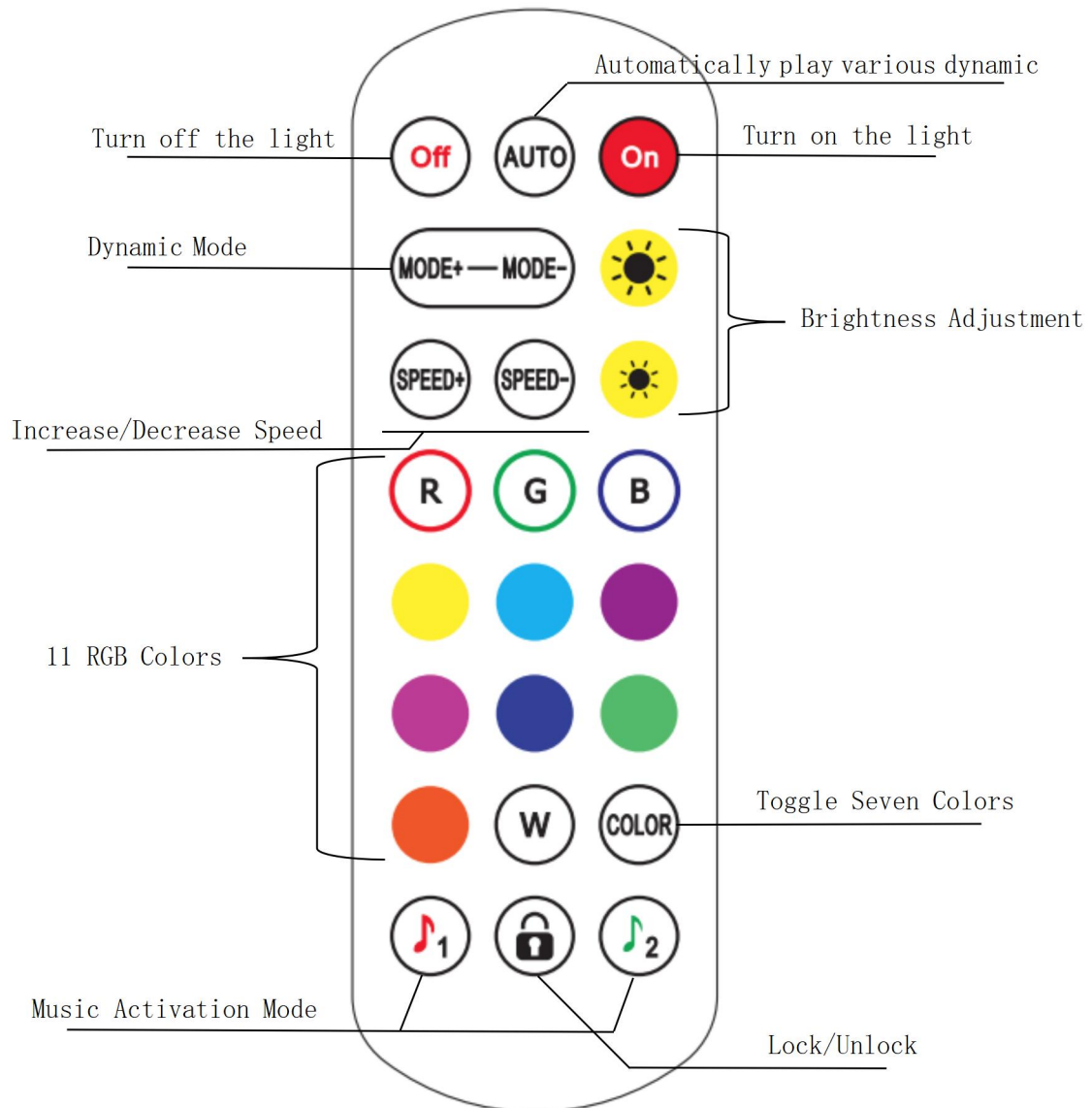
Product Parameters

- Model Number : Light Controller
- Category : Led Controller
- SPI Strip Type : WS2811 / WS2812B / CC16703
- Sound Sensor : Mems MIC
- IP Rating : IP20
- Input Voltage : DC(5-24)V
- Max Output Power : 25-120W
- APP : Smart Life / Tuya Smart
- Language : 11 languages including Chinese, English, German,French, Italian, Spanish and Japanese
- Supported Protocols : Bluetooth
- Operation Platform : iOS 10.0 or Android 5.0(Only for Phone) or higher.
- Set up : Maximum can be 5M SPI driven strip, up to 100 ICs.
- Work For : Led Strip or other constant voltage lights.
- Mix infrared receiving distance : 5M
- Output voltage : 5-24V

Controller details



Infrared remote control



Download and install the App

Search for "Smart Life" or "Tuya Smart" in the app store – download and install. You can also download the application by scanning the QR code.



Smart Life



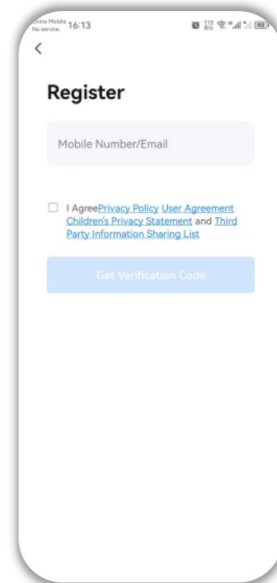
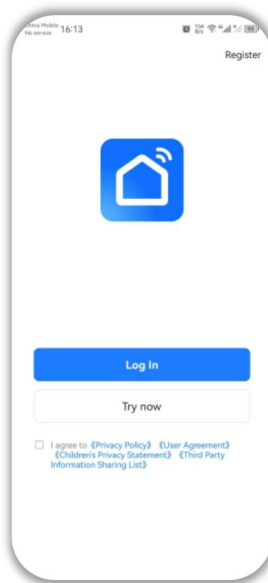
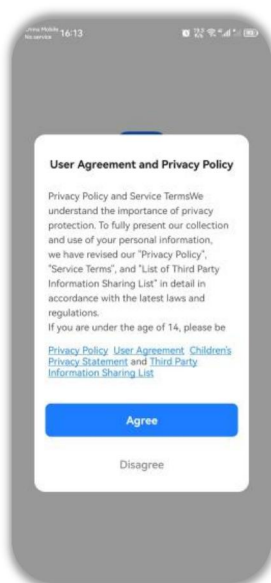
Tuya Smart

Register/Login/Forget password

Register : Tap Register. Read the Privacy Policy page that Appears and tap Agree to enter the account registration page (The password requirement is: 6–20 characters, the password must contain both letters and numbers).

Login : If you have an App account, tap Log in with Existing Account under Register to enter the login page.

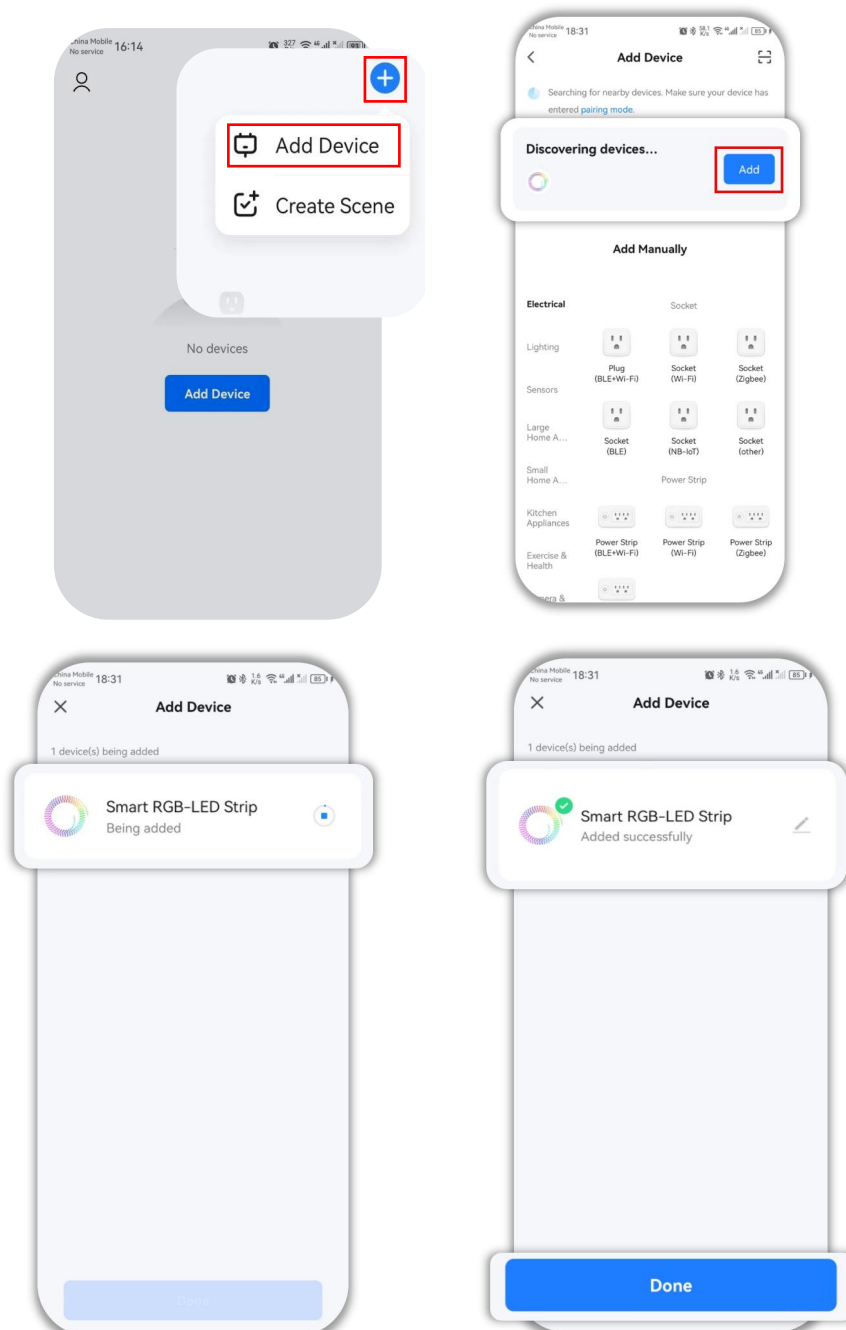
Forget password : If you forgot your password of the App, you can reset your password by clicking "Forgot Password" on the login page.



Add Device -- EZ mode

First, please confirm that your mobile phone Bluetooth is turned on.

In the main interface of the application, click the "+" in the upper right corner to enter the pairing interface. Wait a moment to see the device found, and click "Add" to pair with the device. The specific operation is shown in the following figure.



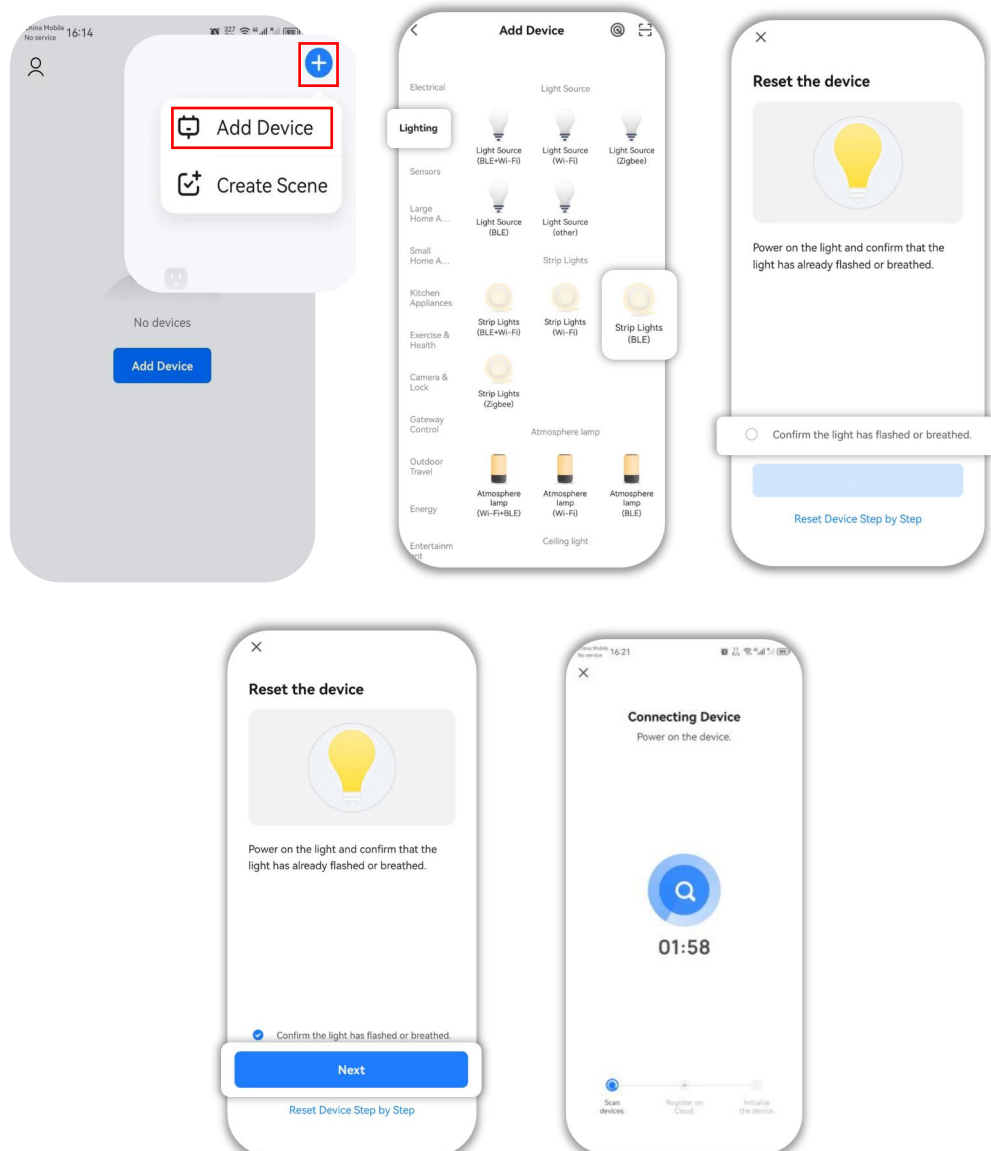
Add Device -- AP mode

In the main interface of the application, click the "+" in the upper right corner to enter the pairing status interface, then select the "lighting", and select the "Strip Lights (BLE)" option, as shown in the following figure.

Confirm that the light band is flashing, then select "Confirm the light has flashed or breathed", and then click "Next" to connect the controller.

Note:

The reset mode of the equipment is to switch the power supply of the equipment three times (open-close-open-close-open). Power on the device, and then press and hold the switch button on the device for more than 5s until the indicator light of the device starts flashing, and the device enters the mode to be distributed. At this time, enter the Add Device page on the APP to add a device.

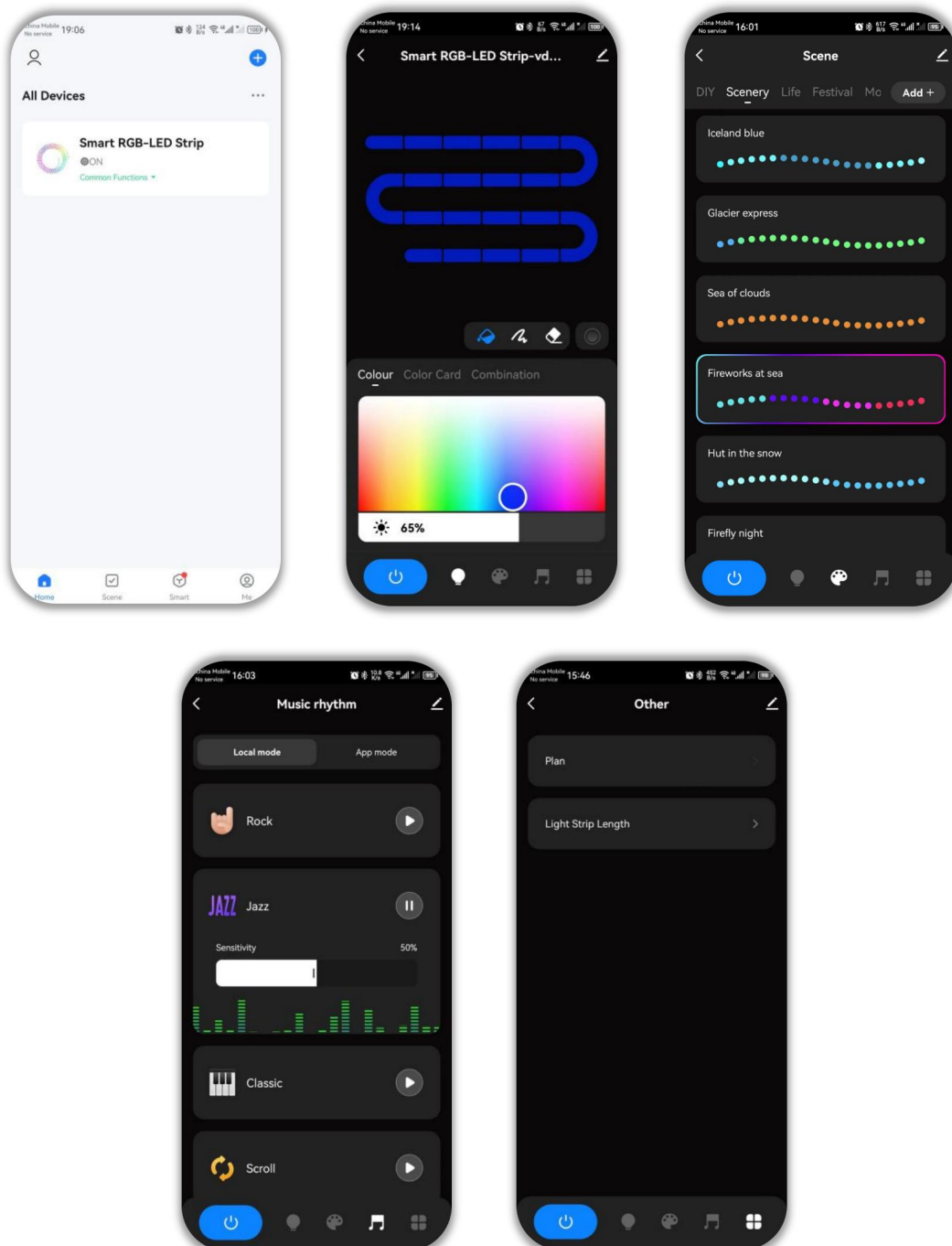


Control Device

After the device is successfully connected, the paired device will be displayed on the main interface. Click to enter the corresponding control interface.

Note:

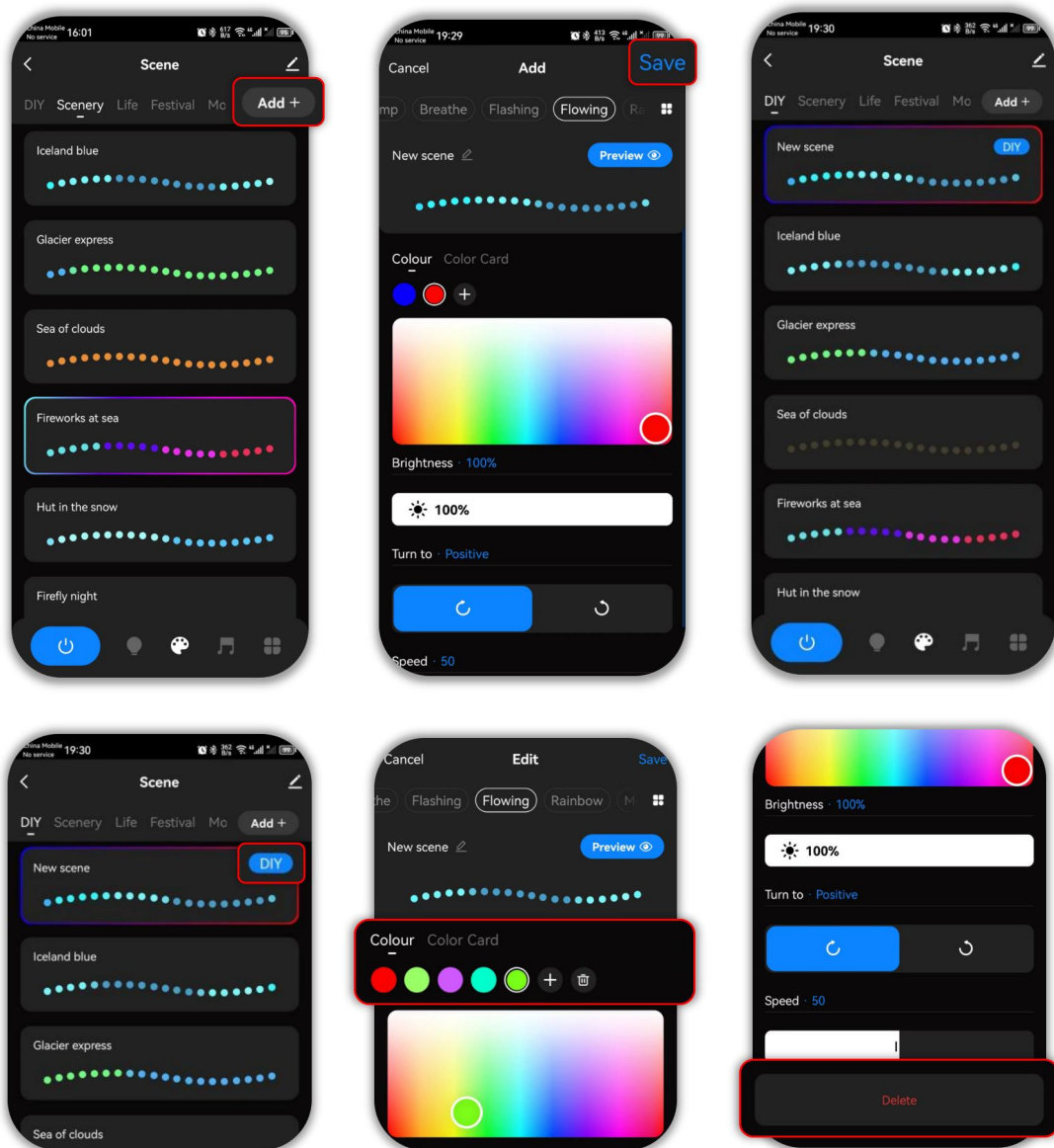
1. When device is online, it supports quick operations.
2. When the device is offline, "Offline" is displayed. At this time, the device cannot be operated. At this time, you can check whether the device has been successfully powered on.



LED Strip Light Dynamic Mode

You can select a favorite dynamic effect from the scene interface, or "DIY" your desired dynamic effect.

1. Click "Add+" in the top right corner to enter custom scene.
2. You can DIY their own mode according to their preferences.
3. You can add/delete/modify the color displayed and change the speed of color switching.
4. If you are not satisfied, you can reset the settings.
5. After you click "Save", you can see the saved dynamic effects in the scene interface.
6. If you want to change the customized scene, click "DIY" to change or delete it.

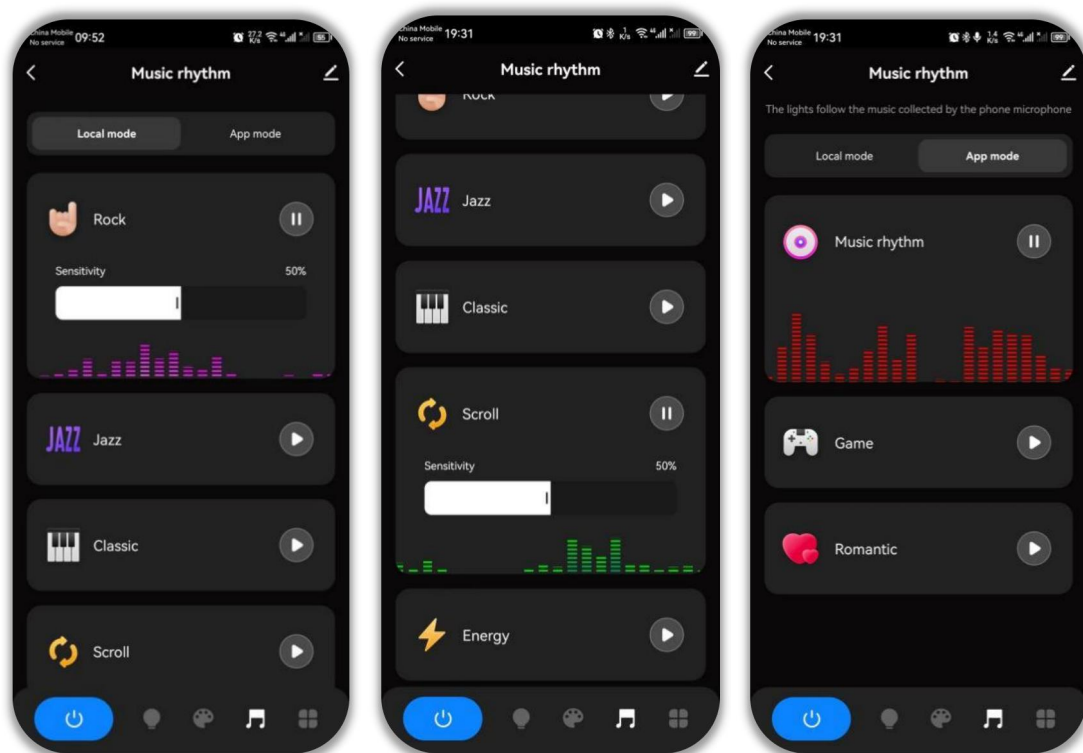


LED Strip Light Sync to Music Function

Enter the music mode and use any device to play music. The led bar light will synchronize with the music.

Note:

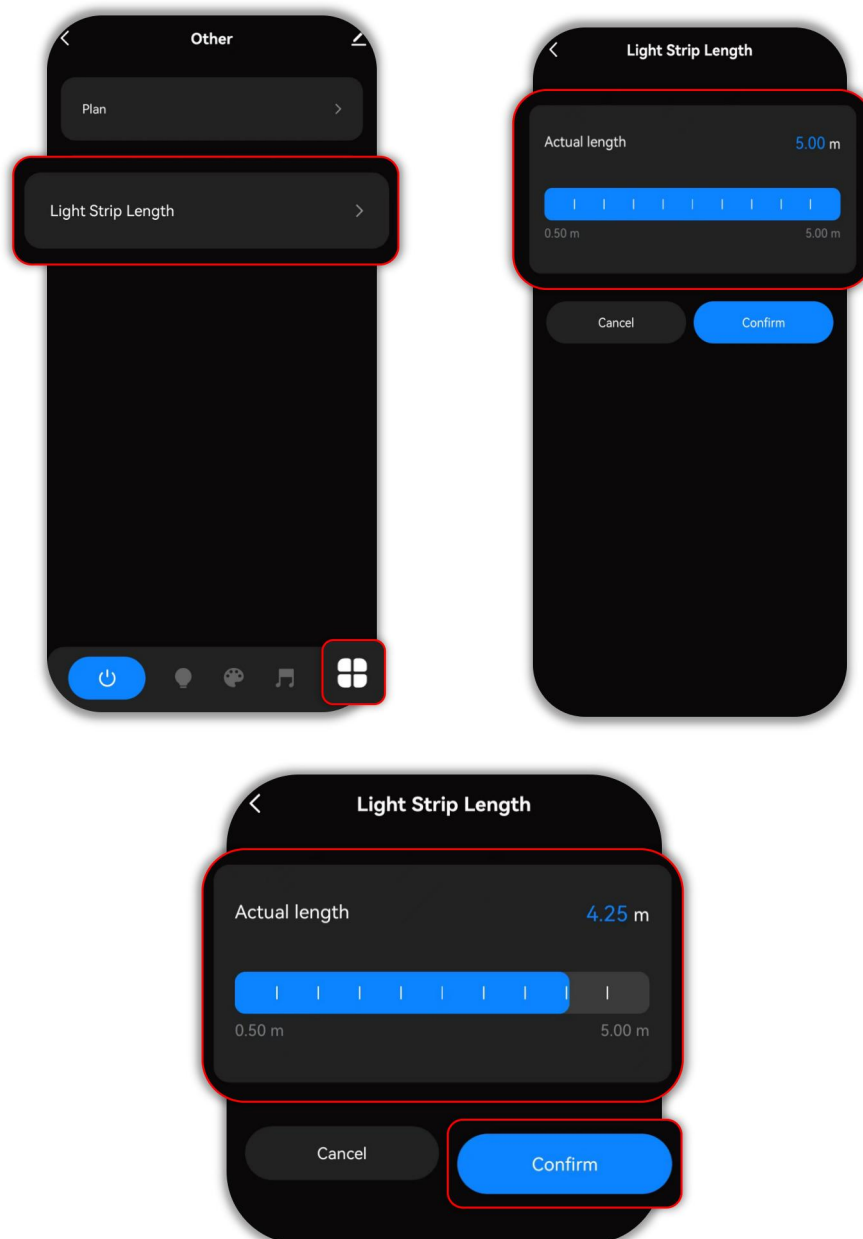
1. The volume of the mobile phone is relatively small. It is better to use Bluetooth audio or local mode.
2. You can select the phone mode or local microphone mode according to different use needs.
3. You can click your favorite scene mode to let the led strip light show different music rhythm effects.



Light Strip Length Setting

If your light strip has been cut during use, you can adjust the actual length to better set up the light strip.

You can click the four grid icon in the lower right corner of the interface to enter the "Other" setting interface. Click "Light Strip Length", and then drag the progress bar of "Actual Length" to the actual length of light strip. When dragging to the appropriate position, click "Confirm" to complete the setting of the length of the light strip.



FAQ

1. The Indicator light changed from flashing to regular, but it still fails to connect?
 - It may have flickered for more than three minutes, and you can still connect to the device through APP.
 - If the "EZ mode" method cannot add your device, you can use "AP mode" to add it.
 - If you are using iOS 14 and above, please make sure you have opened the local network permission and wireless data permission of the App.

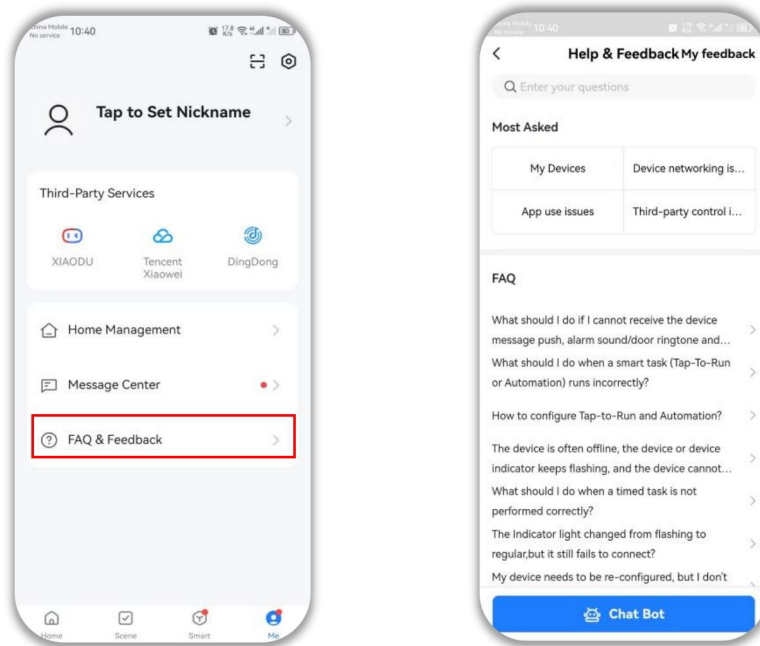
2. My network is fast and stable, but when using the App to control the device, the device latency is always high?
 - Please make sure that the signal of the network environment where the device is located is strong and stable. Troubleshooting: Download the Internet Speed Test App, place your mobile phone in the same location as the device, and then test the Internet upload and download speed at that location (ensure that the speed is at least: upload ≥ 2 MB/s, download ≥ 2 MB/s or upload ≥ 16 Mbps, download ≥ 16 Mbps) .
 - The region where you live now is not the same as the region you selected when you registered your App account. As a result, the cloud server you access when controlling your device is far away from your place of residence, resulting in high latency.
 - Our cloud server is not able to cover the area where you live, causing high latency between the cloud server you need to access and your device.

3. Why does the device not automatically reconnect with the mobile phone after it is powered on again?

Dear user, first, make sure that your controller is powered on.

Because of some technical problems, you can go back to the home page of the APP and slide the interface to refresh, and then you can see that the device has been reconnected.

4. How to get more help?



Attentions

- Please use the product in a dry environment.
- Please use the input voltage at 5-24V DC voltage, must not connect into 220V AC directly.
- The product is requested common anode connection. The wrong connection will cause a malfunction.
- In the process of the product and software upgrade, the data and software interface listed in the text are only for description and reference. No further notify will given if there is any change.



WARNING

- ◆ DO NOT IMMERSE IN FIRE
- ◆ CHILDREN UNDER THE AGE OF 16 SHOULD USE THIS PRODUCT UNDER ADULT SUPERVISION

If you have any question after receiving the products, please contact our customer service, we will reply to you within 24 hours.

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.

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

RF Exposure Information

For Controller:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

For Infrared remote control:

The device was evaluated to meet general RF exposure requirements. This equipment should be installed and used with a minimum distance of 0 mm between the radiator and your body.