

LotusLamp X APP Manual

1. Software Overview

1.1 Overview

LotusLamp X is a mobile APP for controlling LED strips using both Apple and Android phones. It provides a convenient, powerful, and scalable control method. Traditional control methods such as infrared, 433MHz, 2.4GHz, and other old wired methods are replaced by the mobile phone. Through this APP, you can not only control the color, brightness, and color temperature of the LED strips, but also set up all kinds of fancy flashing modes. In addition, the APP can change the light of the LED strip according to the rhythm of the music. This APP can set and control several LED strips via Bluetooth, and the operation is very simple, easy to learn, and easy to use.

1.2 Features

- Change brightness and color temperature.
- Adjust color LED strips with 60,000 colors to change color and brightness, and also adjust monochrome LED strips.
- Play music or turn on a sound playback device - the light will change color and brightness with the rhythm of the music, creating a beautiful musical light show.
- Multiple built-in setting modes for color change and control of LED strips without needing the mobile phone.
- Long-distance control with an omni-directional antenna, and many-to-many group control mode.
- Once the connection is successful, the APP will automatically connect next time.

2. Operating Environment

This APP requires phones running Android 4.3 or above and iOS 8.0 or above. There are no other limitations on mobile phone configuration.

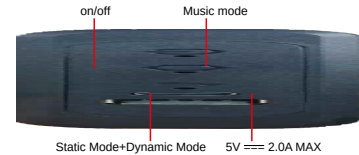
3. Instructions

3.1 APP Download

Note: The download and use methods for the Android version and iOS version are the same. The Android version is used as an example here.

You can download the LotusLamp X APP in the following two ways:

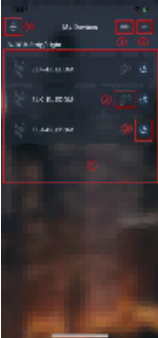
1. Scan the QR code - Use the "Scan QR code" function of your browser or other tools to scan the LotusLamp X QR code shown below. Both iOS and Android systems can download the APP by scanning this QR code.
2. Search from the app store - Open your phone's official application market (Google Play for Android or the App Store for iOS), search for "LotusLamp X", and download the APP directly.



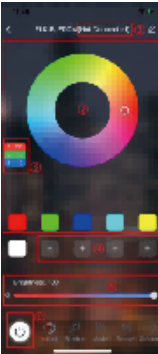
Welcome to our App! Here are some guidelines to help you better use the App, including features:

First of all, the use of all the functions of the App requires the authorization of the relevant mobile phone system authority, and the consent to open the App can use all the functions of the App normally.

1. My Device



- ① Device list, showing the searched device, highlighted when connected.
- ② Connection status, click to connect / disconnect the device.
- ③ Light switch button, in the connected state, click the light on / off.
- ④ Set the button, click to jump to the setting page
- ⑤ Switch over the device list display mode
- ⑥ Add the device / group / virtual device entry



2. Device details
2.1 Adjust
You can switch the color of the device by sliding the color disk or clicking on the color block.

- ① Device connection state, including unconnected / empty (representing connected)
- ② Color tray, used to change the device color
- ③ RGB color value, click can set the RGB color value to more accurately select the color
- ④ Customize the color to save your favorite color. After selection, slide the color plate above. Long press can be deleted.
- ⑤ Brightness adjustment, sliding can set the brightness of the device
- ⑥ Switch, used for turning the lights on / off



2.2 Rhythm

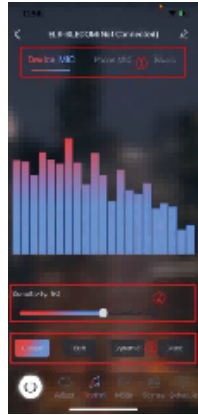
Rhythm is generally divided into three kinds (according to the specific situation of the Device), outer wheat, mobile phone mic and music rhythm.among

External mic: rely on the built-in microphone of the device to rhythm, and the device will automatically make the corresponding light rhythm according to the change of external sound.

After switching to this mode, the APP can also be used normally without a connection.(The specific function is subject to the device, and some devices do not support this function)

Mobile phone mic: it relies on the microphone of the mobile phone to rhythm. The APP will calculate the corresponding instructions according to the transformation of external sounds, and then send them to the device, and the device will make the corresponding lighting rhythm. After switching to this mode, you need to connect to the APP and stay on this page to use it normally.

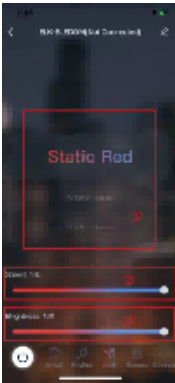
Music: it depends on the rhythm of mobile phone music. The APP will calculate the corresponding instructions according to the rhythm of the music, and then send them to the device end, and the device will make the corresponding lighting rhythm. After switching to this mode, you need to connect to the APP and stay on this page to use it normally.



- ① Rhythm options, click / swipe to able.
- ② Sensitivity adjustment, refers to the sensitivity to the external sound recognition.
- ③ Rhythm style, click to switch

2.3 Mode

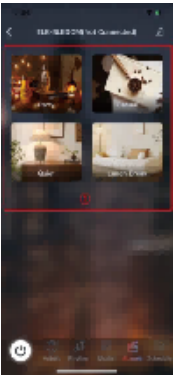
A designed combination of color, speed and brightness.



- ① Mode list, slide to switch
- ② Speed adjustment, sliding can set the transformation speed of the mode
- ③ Brightness adjustment, sliding to set the brightness of the light

2.4 Scenes

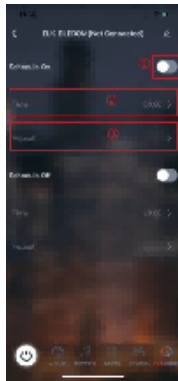
A combination of colors, speed and brightness designed according to different usage scenes



- ① List of Scenes, click to switch

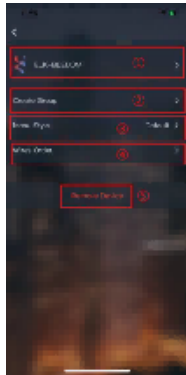
2'5 Schedule

Supports setting time on and time off. Note: The APP will not save the timing time. After connecting the device, it will automatically read from the device.



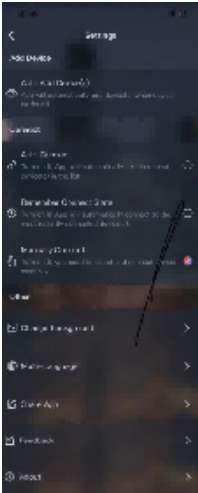
- ① switch
- ② time selection
- ③ Repeat, can set Monday to Sunday any time, support multiple selection

2.6 Device editin



- ① Modify the device icon and name
- ② Create groups, a similar type of devices support creating groups, you can control multiple devices simultaneously
- ③ Menu style, you can modify the page style
- ④ Line order can be corrected when the device color is not consistent with the setting color.
- ⑤ Remove the device and remove the device from my device list.

3. Set



- ① Automatically add devices. After checking it off, the APP will automatically search for nearby devices and add them to my device list
- ② linkage
 - Automatic connection: After checking, it will automatically connect to my device list
 - Memory connection: When checked, the most recently connected device is automatically connected
 - Manual connection: after checking, you need to manually click on the corresponding device to connect
- ③ other
 - Change the background: you can customize the APP background map
 - Multi-language: you can switch to the APP language and follow the mobile phone system by default
 - Share the APP: Download the QR code for the same series of APP
 - Problem feedback: Problems can be fed by email
 - About: The APP version is introduced

FCC Caution.

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.

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

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Statement:

The device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada 's licence-exempt

RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1.L'appareil ne doit pas produire de brouillage;

2.L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF exposure statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Déclaration d'exposition RF:

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans des conditions d'exposition portable sans restriction.