

Led Bluetooth Mini Controller Manual



Download App Software

Please download "LotusLamp X" in the app store or scan the QR code below to download.

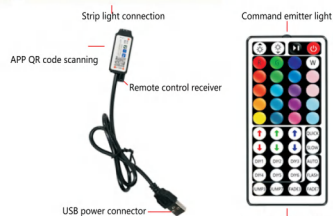


1. Download the "LotusLamp X" app with your phone by scanning the QR code on the user manual or searching for the Lotus Lamp app in the iPhone App Store or Google Play Store
2. After the APP are downloaded successfully, you need to turn on Bluetooth function on your phone firstly, then plug in the strip light, then open the APP, your APP will pair with the strip light automatically and you can control it.

Unable to Connect Troubleshooting

- (1) Check if the power supply of the light strip is normal.
- (2) Check if the Bluetooth is turn on.
- (3) Check if there are other mobile phone are connected, Bluetooth 4.0 only support connections one to many, dose not support many to many.
- (4) Check APP Bluetooth setting if the phone is connected to the device, if connect, exit the APP and reopen, the APP will go to connect automatically.
- (5) Normal operations and can not connect, please exit the APP and reopen.
- (6) Exit APP, restart mobile phone, power on the strip light, reopen the APP, then them will connect automatically.

Product Description



Controller

Remote control

Important

1. Infrared Receivers

When the controller receives the infrared signal transmitted by the remote control, make sure that there is no obstacle between the remote control and the infrared receiver. The remote control and the infrared receiver maintain an angle of 120 degrees.

2. Led strip interface

RGB light with connection port, make sure that the connection corresponds to the indication of the arrow. Prolonged time in the wrong position could cause a short circuit due to prolonged heat.

3. DC power connector

When the DC5V power input, make sure that the power input and voltage match the voltage of the lamp, e.g.: 5V power supply with 5V lamp, the 12V power supply cannot be used with 5V lamp, It could damage the lamp or the smart music controller.

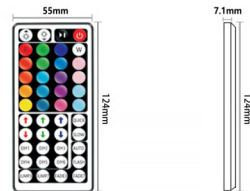
4. Infrared transmitter.

Remote control infrared signal transmitter, point to the receiver on the controller to transmit the signal and confirm, Avoid barriers, they could interfere with the correct reception of the signal. The maximum distance to use the controller is 10m.

5. Battery.

It has been equipped with a battery, remove the insulating plastic before use.

Remote control, function and dimensions



*Battery isolation tablets need to be removed for use

Instructions

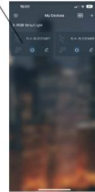
Scan the code or search to get the following APP, open the APP

Controller software



Clicking on the connected device will appear as shown in the dashboard image on the right.

Tap Connected devices



Displays the connection status



Pull the ring to switch colors

Color selection

Color addition

Brightness adjustment

Power on and off

Static color

Timing function

Scene selection

Vibration function

Mode selection

2. Use the color palette function when connecting devices.



3. Use the rhythm function when connecting the device.



(1) Device MIC: Sound rhythm is received through the device

(Four rhythm modes can be selected under the receiving sound rhythm through the device)

(2) Phone MIC: Receive sound rhythm via your phone

(3) Music: By selecting a music groove

(4) Sensitivity: Drag the white point to adjust the receive responsiveness

4. Use the mode function when connecting the device.

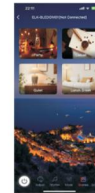


Swipe / tap the screen to switch static colors or jump changes and other functions

Slide the white dot to adjust the flashing speed in the changing state

Slide the white dot to adjust the brightness

5. Use scene features when connecting devices.



The scene function intelligently adjusts the flickering effect according to the system.

6. Use the timing function when connecting the device.



—Turn on the lights regularly

—Set the auto-start time and date by clicking to select

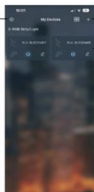
—Turn off the lights regularly

—Set the automatic lights off time and date by clicking to select

The timing function can be used together in other modes.

1. Open the control software to get the following interface

Set up features



Add a device

View linkable devices

Automatic connection

Memory connections

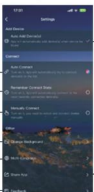
Connect manually

Change the background

Language switching

Problem feedback

Settings interface



Add devices automatically

Share the app

EU DECLARATION OF CONFORMITY
Annex VI of Directive 2014/53/EU of the European Parliament and of the Council

1. For the following Radio equipment:

Product name: LED controller

Trade name or Brand: N/A

Model: YH-252

Software / Hardware number: YH-L68-2.0 / BT4418-V1.1

2.Name and address of the manufacturer or his authorized representative:

Manufacturer: Dongguan Yihong Hardware electronics Co., LTD

Address: Room 1106, NO.2 Shangheng Road, Chang'an Town Dongguan, Guangdong, 523880 China

3. This declaration of conformity is issued under the sole responsibility of the Manufacturer.

4. Object of the declaration (identification of the radio equipment allowing traceability; it may include a colour image of sufficient clarity where necessary for the identification of the radio equipment):

5. The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

Directive 2014/53/EU (RED)

6.References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

Article 3.1a Health: EN 62479:2010

Article 3.1a Electrical Safety: EN IEC 62368-1: 2020+A11:2020

Article 3.1b: ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.3.1 (2024-09)

EN IEC 55015:2019+A11:2020
EN IEC 61547:2023
EN IEC 61000-3-2:2019+A1:2021+A2:2024
EN 61000-3-3:2013+A1:2019+A2:2
Article 3.2: ETSI EN 300 328 V2.2.2 (2019-07)

Operating frequency: 2402-2480MHz

CE RF Power: -1.64dBm

RF exposure warning:

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

Applicant's name: Dongguan Yihong Hardware electronics Co., LTD

Address: Room 1106,NO.2 Shangheng Road,Chang'an Town Dongguan,Guangdong,523880 China

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.

*RF warning for Portable device:

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.