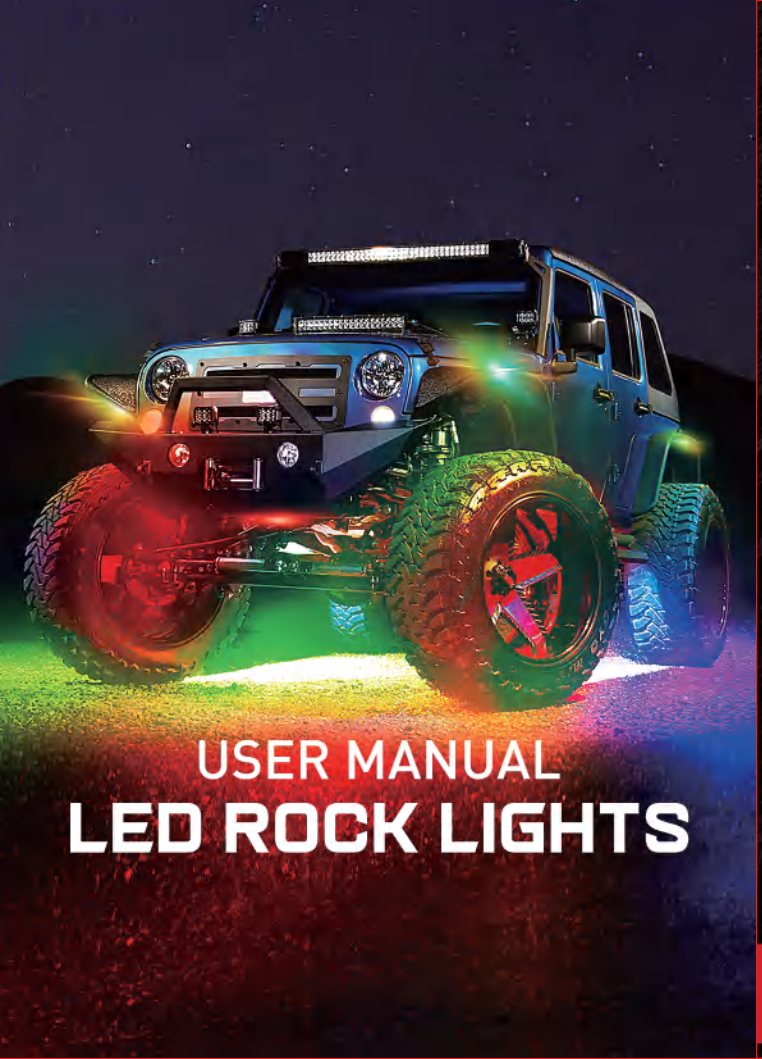


USER MANUAL
LED ROCK LIGHTS



LED ROCK LIGHTS

CATALOGUE

led rock lights is an APP+ remote controlled RGB rock lights with additional music mode, DIY option. Work for any vehicle in 12V DC.
For fun, for lighting, and for safety.

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* Please read the manual carefully before use
* Please keep manual well for future reference

IMPORTANT NOTES

- Power on only after all wiring connections are finished. Power off before you disconnect the wire.

⚠ Do not connect/disconnect wire connectors when power is on.

⚠ Make sure inside connectors are dry and clean before plug and play.

- When plug and play the connectors, arrows at 2 sides must align to connect.

⚠ Do not forcibly push in connector when arrows do not align.

⚠ Do not place wire or controller box around any heated position in case of melting.

- When your remote control get lost, you can still control rock lights with the app. If you get a new remote, firstly remember to use the new remote to remove the one-to-one remote control mode you setup on the rock lights in the past. Only after this, you can use new remote and get it setup one-to-one control with the rock.
- To avoid your rock lights are interfered by others' remote, you can set them into one-to-one matching mode the first time you use it. Please refer guidelines in the page 5
- To avoid pairing your lights with other's lights, do not setup one-to-one remote control mode when there is other same style rock lights around. You can go somewhere else to setup or have other's rock lights turn off first.
- When you find rock lights do not display the same color as the color buttons, please follow guidelines of RGB sequences in page13.

PACKAGE INCLUDES

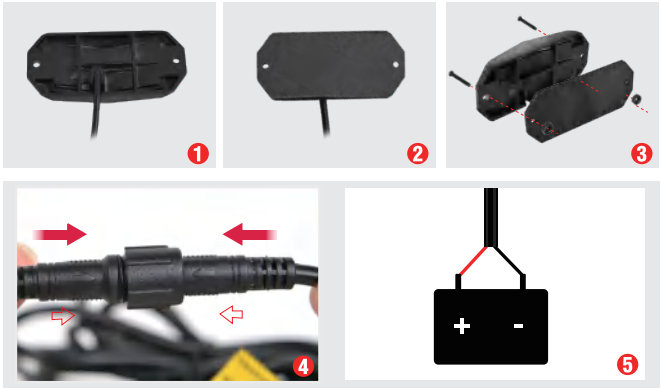


1- LED Rock Lights
2- Remote Controls
3- Wiring Harness
4- Control Box and Switch Harness Kit
5- ZIP Ties
6- Adhesive
7- Hardware
8- Mounting Pad

Note: This manual only shows the types of accessories. The actual number of accessories depends on the product you purchased.

ROCK LIGHT MOUNTING STEPS

1. Lead the light wires out from the side
2. Place the light on the mounting pad
3. Mount light on the position with the screws and nuts provided
4. Quick connect the light to the 4(6/8/10/12) way splitter controller wires
5. Connect the red wire to the positive terminal of the vehicle and the black wire to the negative terminal



REMOTE CONTROL INSTRUCTIONS



ON Power On

OFF Power Off

Monochrome Display

Color Flash/Strobe/Fade/Smooth



Power On/Off
Setup/Removed one-to-one remote control

Sound Active Mode
When you play music, the rock lights will flash with the rhythm of the music

Brightness increase
Speed increase

Brightness reduction
Speed reduction

FLASH **7 color jump/7 color flashing**

STROBE **Monochrome flash/monochrome breathing**

FADE **7 Color Jump/7 Color Breathing**

SMOOTH **3 Color Jump/3 Color Breathing**



Monochrome Display

press these buttons and the rock light displays corresponding color

HOW TO SETUP/REMOVE ONE-TO-ONE REMOTE CONTROL



Setup one-to-one remote control:

Press and keep holding the ON button before the rock light connects to the power supply, and then turn on the power supply. When the rock lights flash 3 times, the one-to-one remote control mode is successfully set up. (Only your remote can control your lights)

Remove one-to-one remote control:

Press and keep holding the OFF button before the rock light connects to the power supply, and then turn on the power supply. When the rock lights flash 3 times, the one-to-one remote control mode is successfully removed. (Other's remote might also be able to control your lights)

- Rock light must be at ON status either by remote or APP before you remove one-to-one remote control
- Check instruction video on product page if you still need help

App Introduction

1 Specs

Item	Requirements
Phone/Pad OS requirement	Android 4.3 and above
	ios 7.0 and above
Phone/Pad Bluetooth requirement	Bluetooth 4.0 Low Energy(BLE)
Bluetooth Effective Range	15M
Change Brightness/Color	√
Dynamic Lighting Effects	√

2 Product Features



BLUETOOTH APP INSTRUCTIONS

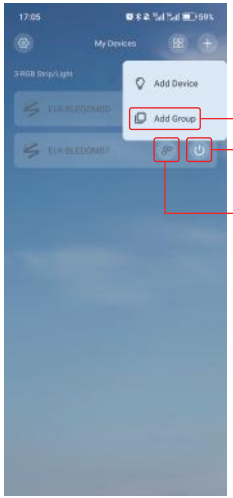
1 Download & Install APP

Scan QR code on the controller box or directly search " **LotusLamp X** " in App store to download



2 Scan & Connect

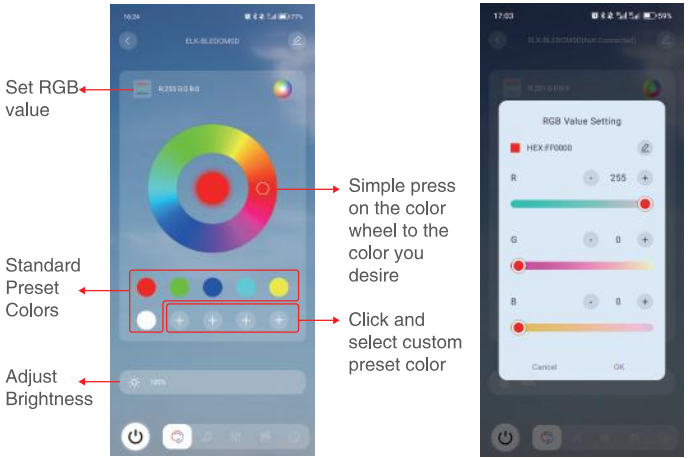






Note:
Manage multiple devices in your custom groups. Choose and add the devices together, then enter a group name. The Group has created. If you have trouble, please double check bluetooth is active on your device. Alternatively, you can try another device to make sure the problem is not with your device.

3 Light Control



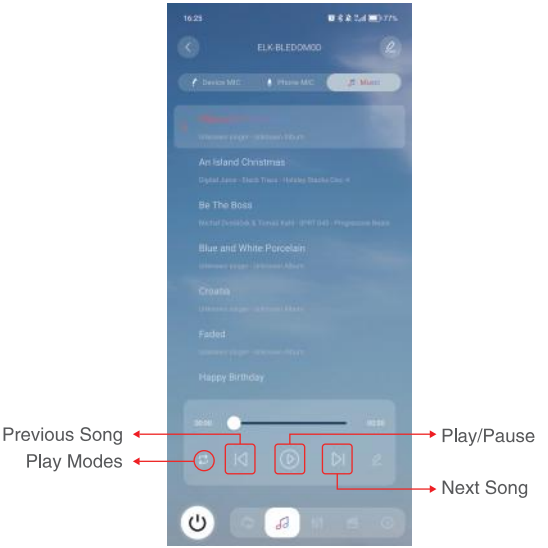
Note1:

4 palettes are provided to set up frequently used color presets. To set up frequent colors, press a color block then press on the color wheel to the color you would like to replace it with.

Note2:

Standard colors are default colors.

4 Music Responsive

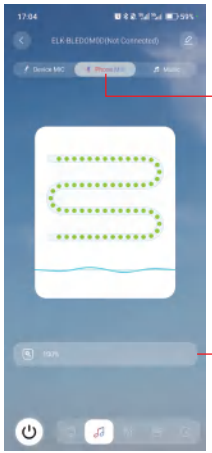


Currently music mode is only available for songs that have been download onto your phone. Apple music, spotify and other streaming services generally do not download songs to your phone. As a solution, you can use the “MIC” mode so that your lights automatically adjust to the sound of music.

5 Sound Responsive

This app can respond to sound on your device and the brightness and colors will change.

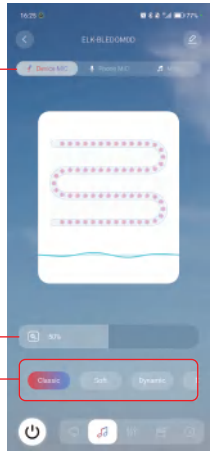
Phone MIC



Capture the sound by the microphone of the phone

Change the sensitivity of MIC to match the sound

External MIC



Switch to external MIC on PCB board for real catching of music and sound

Change the sensitivity of MIC to match the sound

4–Style rhythm

6 Light Patterns

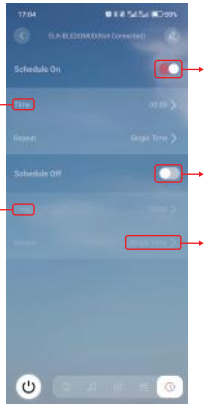
Scroll up and down to change patterns



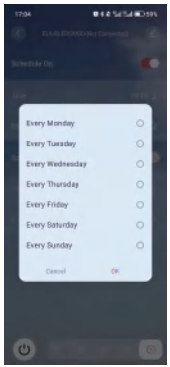
Adjust Speed

Adjust Brightness

7 Timing Function

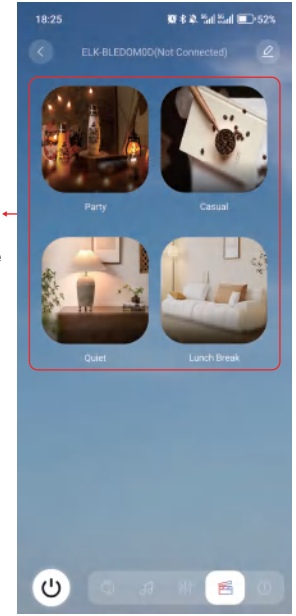






By using the timer feature, you can set the correct time and correct color mode for the wake–up lighting. Set a schedule of lights on turn on and off automatically in your schedule.

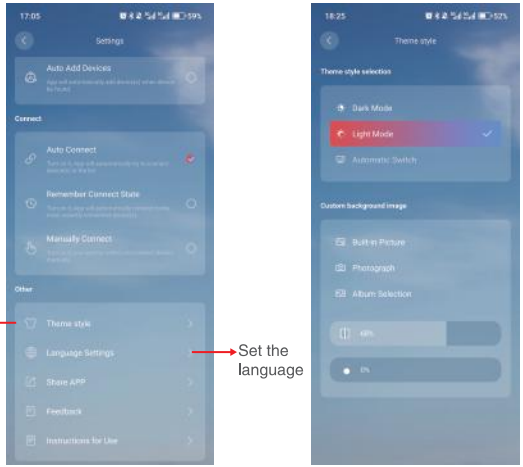
8 Select Scene



Note:

New scene modes have been added. You can choose the suitable or your favorite scene, and different scenes will display different lighting effects.

9 Settings



Note:

You can set the theme of the APP page according to your hobbies, change the background image, and adjust the brightness and clarity of the page. At the same time, connection methods and different languages can be set.

DIAGNOSIS OF POTENTIAL PROBLEMS

1: When remote control doesn't work

Firstly check if the indicator light on the remote lights up. If not, will need to change a battery. If yes, then check if the Rock lights were locked by others via removing the one-to-one remote control (refer method in page 8)

2: When Rock Lights do not light up at all

Check if all connections are good, and use multi-meter to test if both lights have power through in and check if the controller box have power through out. Then check if both remote control and app are power on. Finally check if 1） Rock Lights were lock by other's remote via removing the one-to-one remote control (refer method in page 6)

3: When one of the lights does not light up

Try swapping the position of this light with other lights to see if this light can light up at other interfaces. If it still doesn't work, please use multi-meter to test if the lights have power in. If it doesn't have power, check if there is any loose wire connection.

4: When display colors do not match with the color opted
Adjust the RGB sequence by following the instruction in page 9

5: When device connection shows unsuccessful

Check if the Bluetooth on your phone is active. And ensure your phone is within 10 meters distance away from the controller box.

⚠ WARNING

- **INGETSION HAZARD:** This product contains a button battery or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button or coin batteries can cause **Internal Chemical Burns** in as littlr as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted any part of the body.