Operation manual of Magic Lantern APP

1.1 Overview
The Magic Lantern is a mobile app that controls the LED lamp belt through apple or Android mobile phone.
The traditional control ways like infrared,433MHz,2.4GHz and others old wired ways will be replaced by mobile phone control way with convenient,powerful and scalable features.
Through the mobile app,you can easily and quickly control the color,brightness and color temperature of the LED light belt.You can also set various flashing modes,and make the LED light belt move with the music rhythm.Just keep the LED light band powered on,turn on the mobile phone Magic Lotus lamp app intelligent controls oftware,connect one or more LED light band controllers through Bluetooth,so as to realize various settings and control of multiple LED light bands.Operation is very simple,easy to learn and use

1.2 Features
・ Adjust color LED strips with 60,000 colors to change color and brightness and adjust monochrome LED stips to change brightness and color temperature
・ Play mobile music or turn on a sound playback device,you can let the light change the color and brightness with the rhythm of music,the music rhythm beautiful
・ Inside multiple setting mode for color change and control LED strips without mobile Long distance control with omni-directional antenna,and many-to-many group control mode
Quick and easy automatic connection

1.3 Performance
Magic Lantern APP has good ease of use and compatibility.The actual testing and verification of hundreds of mobile phones is compatible with the current market. Most smartphones.APP is small and convenient,it consumes less system resources, so the requirements of the mobile configuration are low.Control delay is small,the operation feel good,light control is smooth with people's visual sense.

2.Operating Environment
This APP program requires phones of system above Andriod 4.3 and iOS 8.0 Mobile phone configuration is not limited.

3.Instuctions
Note: Android version and iOS version download and use the same method,here in the Android version as an example.

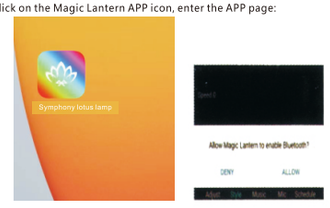
3.1 APP Download
・ Scan the QR code
iOS and Android systems can download the " Magic Lantern " APP by scanning the QR code. Open the browser or other tools with "Scan QR code" function, scan the" Magic Lantern " QR code as below:

After the software is installed and downloaded successfully,click apk to install.After the installation is complete,the following style of program icon will appear on the desktop.

1

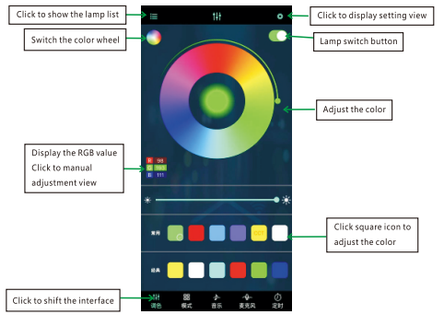
3.2 App Operation

(1) Click on the Magic Lantern APP icon, enter the APP page:



(2) After entering the APP interface,if Bluetooth is not enabled, "Allow Magic Lantern to Bluetooth?" Click[Allow]

(3) switch to color and brightness interface:



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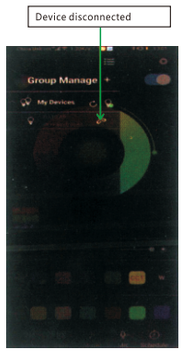
(4) click to show the lamp list,view lamp list:



(5) Click to RGB manual adjustment view:

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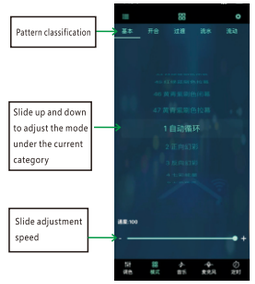
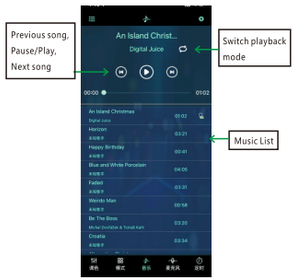
(6) switch to the mode interface:



(7) switch to the music rhythm interface:



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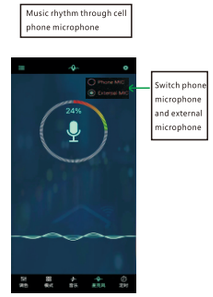
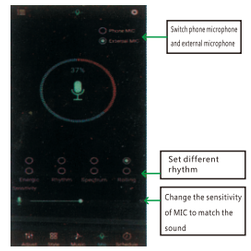
(8) Switch to the microphone rhythm interface:





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Game atmosphere light

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Instruction

Basic parameters :
Controlling method : APP/RF Type/key board type
Working temperature : -20degrees to+60degrees
Power : 1.5W/Pice Power supply voltage : DC5V
(Each DC5V 2A power supply can load 15pcs modules,if need more modules.
Applied places:study room,living room,bedroom,night club or bar,KTV, gym,music bar or restaurant, coffee shop and other home and commercial places.

Product Characteristics

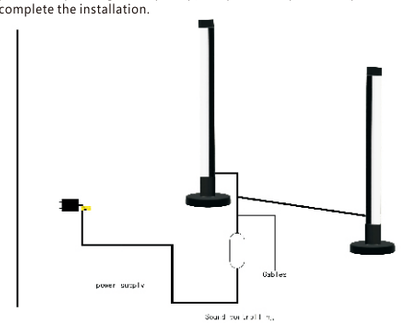
Support mobile APP control, support IOS and Android system

Audio control · Bluetooth connection · Dimming · Unlimited stitching · Follow the rhythm of music · APP control
16 million Color transformation · Decoration atmosphere · Scene memory · Multiple sets of timing · Speed regulation

Stay tuned for more smart interactive features!

Installation instructions

1. Please make a model layout plan in advance or pre-manufacture the model on the desktop, and define the position of the drive control line entrance.
2. Remove the release paper on one side of the double-sided non-marking adhesive, stick the double-sided adhesive to the center of the back of the module, and remove the release paper on the other side of the non-marking adhesive before installation. (This step is omitted for desktop installation)
3. First locate the drive control line entrance module, then insert the arrow pointing end of the connecting piece (NEXT end) into the cascade module, and insert the "PRE" end of the connecting piece into the previous module according to the sequence of the modeling plan to complete the installation.
4. Insert the USB end of the drive control line into the first module, and then plug the other end of the drive control line into any signal output port corresponding to the pickup, and power the power adapter to complete the installation.



Connection manual

DIY any assembly style

Please read carefully before using the product

made in china

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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.

FCC Radiation Exposure statement

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