User instrution

for led strip light

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.

CE RoHS

Thank you for buying this product . To provide an excellent user experience, please install it according to these instructions and then give the instructions to appropriate person for rerention and future reference.

Precautions :

Please make sure the suface is flat smooth and clean before sticking the strip light on the wall.

Please don not light the strip on for over 5s when they are rolled on the plastic axle.

Please check the led strip carefully before installation.

Please ensure the power is off befor wiring and insrallation.

The product led light belt is 12V voltage, please pay attention to the voltage when increasing the power supply.

FAQ

1. Can led strip lights stick to any surface?

NO, please make sure the surface is flat, smooth and clean, before sticking the led strip light on the wall.

2. How many times can led strip light stick to a new surface ?

We recommend sticking led strip light to asingle surface

3. Are led strip light waterproof ?

There are have two kinds of led strip light. If you choose the bare board, the light strip has only IP62 rating. When you choose epoxy , the light strip has IP65 waterproof rating.

Note: the ir control driver and the tap transformer are present, they are not waterproof.

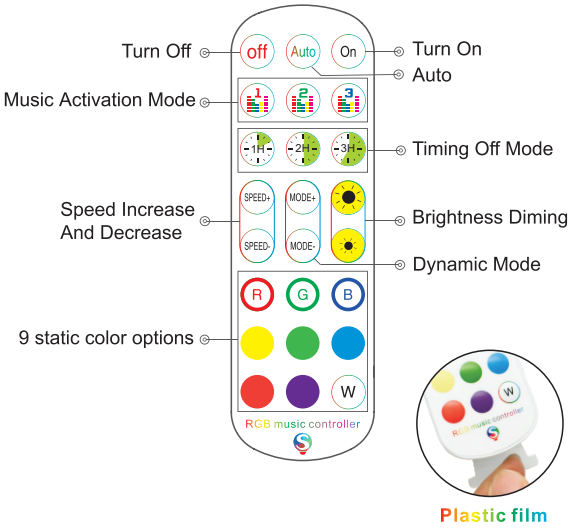
4. Can led strip lights be plugged directly into the mains?

NO. As led strip light are 12 Volt , they can not be plugged directly into the mains. Led strip lights will last up to 40000hours or around 14years based on 8hours is usage perday.

5.Can you cut led strip lights?

YES-Just be sure to cut where clearly marked

Music Remote(Advanced Version)



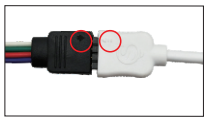
Plastic film

Controller Mode

M	Press this key to switch static colors.there are 20 kinds of colors for chosen
	In any state, long press this key can turn on/off the strip lights. In static color mode, short press this key can adjust the brightness. there are 10 levels for chosen. In dynamic mode, short press this key to increase+ or reduce-the color changing speed. there are 10 levels for chosen.
	Press this key to switch color changing modes. there are 21 different modes for chosen.

II. Wire Connection

1 The connection between the controller and the power supply



2 Controller and device connection

3 Foam adhesive

Notice:
It is necessary to ensure that the red arrow of the controller corresponds to the black arrow of the device end, otherwise the device will have a short circuit.

This product has a unique and exclusive two-in-one design - the smart LED lamp . Bluetooth 4.0(Enhanced data rate) Wish you have infinite joy from the combination of light and music. Open the mobile phone and scan the code to download the app

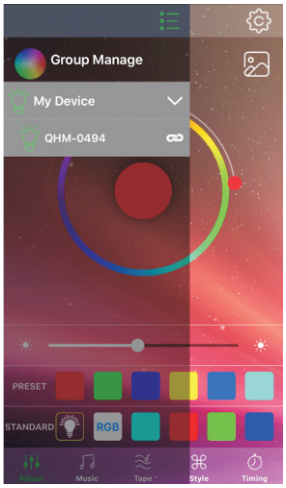
Scan the QR-Code to download the APP

1、Bluetooth Connection

For the first time you use it or never pair with 'QHM-' after moving the equipment, please following the below steps:

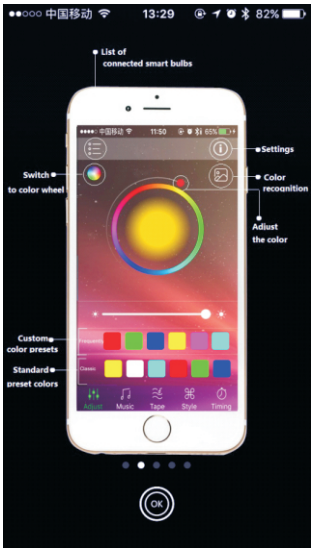
A / First, please enter your phone settings, open the Bluetooth, searching and pairing with the 'Happy Lighting'.

B / Second, Open the Happy Lighting app, the app will auto to connect the BLE light.



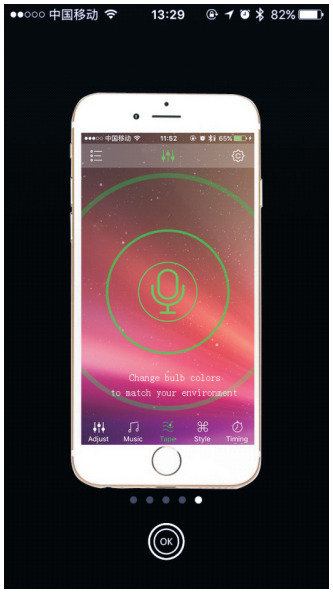
2、Main User Interface

A / Adjust: Change the RGB LED color and White LED bright.

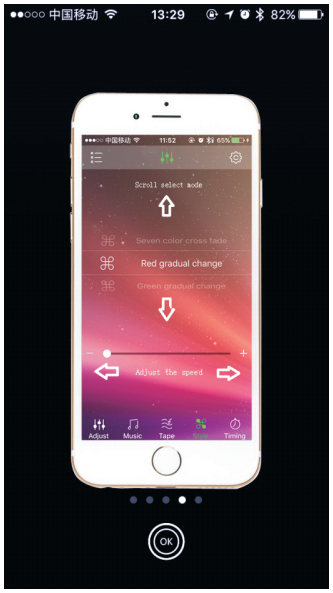


B / Music: Play music and change RGB LED color by music rhythm.

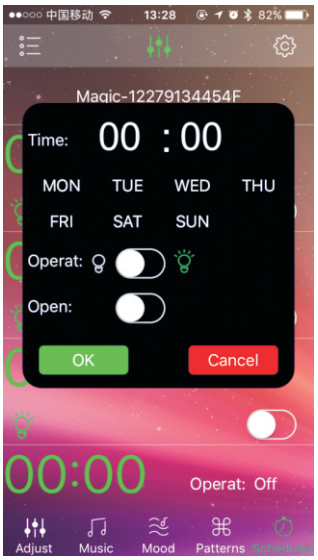
C / Mood: Change RGB LED color by phone microphone input voice rhythm.



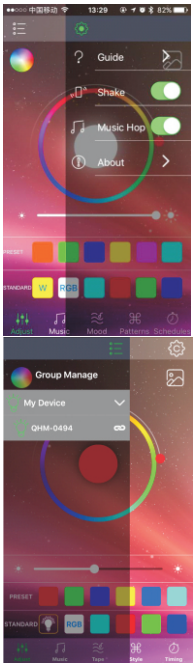
D / Patterns: Change RGB LED color by fixed model.

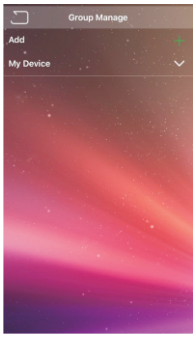


E / Schedules: Timers, auto ON/OFF.



F/ Setting: Shake: Change RBG LED color by shake the phone;
Music Hop: RBG LED color changed by music.
G/Click group management to add a group or modify the name of the device





3 、Specification

NO.	Item	Parameter
	Input Voltage(V)	12V/50-60HZ
	Input Power(W)	<192W
	Power Factor (PFC)	>90%
LED light indicators		
	Lamp Power(W)	<10W
	Lumen Ratio(K)	>400,5W power consumption
	CRI	White>0.75; Warm white>0.85
	Color Temperature(IF)	3000-6500,Tolerance:±500K
	Light Decay	<10%,T=25℃; RH=90%; H=20000
	Illumination Angle	>90°,According to customers request
	Dimming	PWM
Audio amplifier indicators		
	Audio Power (W)	3W,THD+N=10%，1KHz
	Frequency Response	40HZ-18KHZ, Nonuniformity:±3dBm
	Audio Distortion(HTD+N)	<1%,P=1W;A-weight
	Volume Control	Phone key or Audio APP
	Bluetooth Distance	0~15m,Straight line distance and no obstacles
The use of ambient temperature		
	Working Temperature(℃)	-20-60
	Storage Temperature	-40-70

4 、Note:

◇ If you can't search your Bluetooth bulb device or can't connect with the Bluetooth lamp device for a long time, please enter your phone 'setting' and connect again;

◇ If you can't connect to the device for a long time or other abnormal , please close the APP , then try to restart;

◇ Do not put the product in closed lampshade;

◇ Do not put the product in the place which is humid or has water;

◇ Keep using it under the power supply of 12V DC, 50-60Hz;

◇ This product is not a toy and keep it untouchable to children;

◇ Do not put the product on high-temperature surface;

◇ Do not open any sealing device for safety and according to Warranty Terms;

◇ Cool down the product before replacing it to avoid electric shock or burning.

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

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment