

彩虹天使**APP**使用说明书

Rainbow Angel APP User Manual

1. 软件概述

1. Software Overview

1.1 概述

1.1 Overview

彩虹天使是一款通过苹果或安卓手机控制 LED 灯带的手机 APP 程序。

Rainbow Angel is a mobile APP program that enables control of LED light strips via Apple or Android phones.

手机控制方式取代了传统的红外、433、2.4G 等老旧的遥控器的控制方式，方便快捷、功能强大且扩展性强。

The mobile phone control method has replaced the traditional infrared, 433, 2.4G and other outdated remote control methods, which is convenient, fast, powerful and highly expandable.

通过手机 APP 可以快速的控制 LED 灯带的色彩、亮度、色温，还可以设置各种花样的闪动模式，更可以使 LED 灯带随音乐节奏进行律动。只需要保持 LED 灯带通电，打开手机彩虹天使APP 智能控制软件，通过蓝牙连接一个或多个 LED 灯带控制器，从而实现对多个 LED 灯带的各种设置和控制。操作非常简单，易学易用。

The color, brightness and color temperature of LED light strips can be conveniently and quickly controlled through the mobile phone APP, and various patterns can also be set

The flashing mode can even make the LED light strips dance in rhythm with the music. Just keep the LED light strip powered on and turn on your mobile phone

The Rainbow Angel APP intelligent control software connects to one or more LED light strip controllers via Bluetooth, thereby enabling various Settings and controls for multiple LED light strips. The operation is very simple and easy to learn and use.

1.2 功能

1.2 Functions

- 对彩色 LED 灯带进行 6 万种颜色的色彩和亮度调节；
- adjust the color and brightness of the colored LED light strip in 60,000 colors;
- 播放手机音乐或者打开音乐设备播放音乐，都可以让灯光随音乐节奏变换颜色和亮度，音乐律动美轮美奂；
- Play mobile phone music or turn on music devices to play music, both can make

the lights change color and brightness according to the rhythm of the music, the rhythm of music is magnificent;

- 多种内置的颜色变幻模式，脱离手机自动控制；
- multiple built-in color change modes, independent of mobile phone automatic control;
- 不受方向限制的长距离控制，以及多对多的群控模式；
- unrestricted directional long-distance control, and many-to-many group control mode;
- 自动连接方便快捷。
- automatic connection is convenient and fast.

1.3 性能

1.3 Performance

彩虹天使APP 具有良好的易用性和兼容性，几百部手机的实际测试验证，兼容目前市场上绝大部分的智能手机。APP 小巧便捷，占用系统资源少，对手机配置要求低。控制延迟小，操作手感好，灯控视觉感觉平滑度高。

The Rainbow Angel APP features excellent ease of use and compatibility. It has been tested and verified on hundreds of mobile phones and is compatible with the best products currently available on the market

Most smart phones. The APP is compact and convenient, occupies few system resources and has low requirements for mobile phone configuration. The control delay is small, the operation feel is good, and the visual smoothness of the light control is high.

2. 运行环境

2. Operating environment

本 APP 程序要求 Andriod 4.3 和 iOS 8.0 版本以上系统的手机。手机配置不限。

This APP program requires mobile phones with Android 4.3 and iOS 8.0 versions or above. The configuration of the mobile phone is not limited.

3.使用方法

3. Usage Method

注：安卓 版本和 iOS 版本下载及使用方法基本相同，在此以安卓版本为例进行说明。

Note: The download and usage methods for the Android version and the iOS version are basically the same. Here, we take the Android version as an example for explanation.

3.1 APP 下载

3.1 APP Download

iOS 和 Android 系统，均可通过扫描二维码下载“彩虹天使”APP。打开带有“扫一扫”功能的浏览器、QQ、微信等程序工具，扫描“彩虹天使”二维码。

Both iOS and Android systems can download the "Rainbow Angel" APP by scanning the QR code. Open it with "Scan"

Use functional browser, QQ, wechat and other program tools to scan the QR code of "Rainbow Angel".



软件安装下载成功后点击 APK 安装，安装完毕后在桌面上会出现以下样式的程序图标：

After the software is successfully installed and downloaded, click on APK to install.

After the installation is complete, the following style of program ICONS will appear on the desktop:

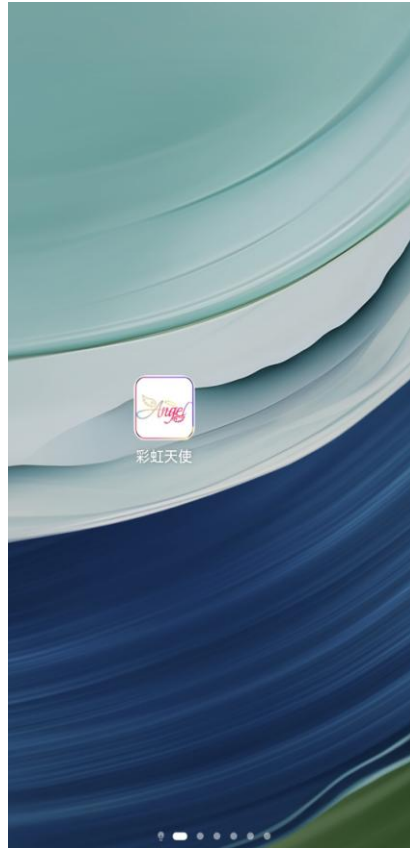


3.2 软件运行

3.2 Software Operation

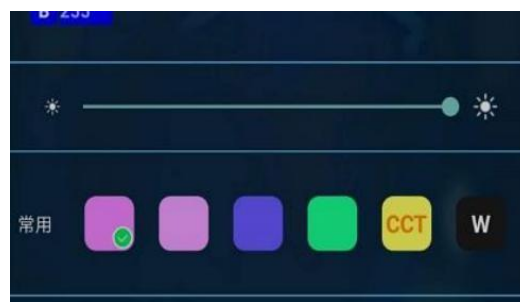
(1) 点击彩虹天使APP 图标，进入 APP 页面：

(1) Click on the Rainbow Angel APP icon to enter the APP page:



(2) 进入 APP 界面后，若未开启蓝牙则会弹出“彩虹天使想要开启蓝牙” 点击【允许】：

(2) After entering the APP interface, if Bluetooth is not turned on, a message saying "Rainbow Angel wants to Turn on Bluetooth" will pop up. Click [Allow]



彩虹天使想要开启蓝牙。

拒绝

允许

调色

模式

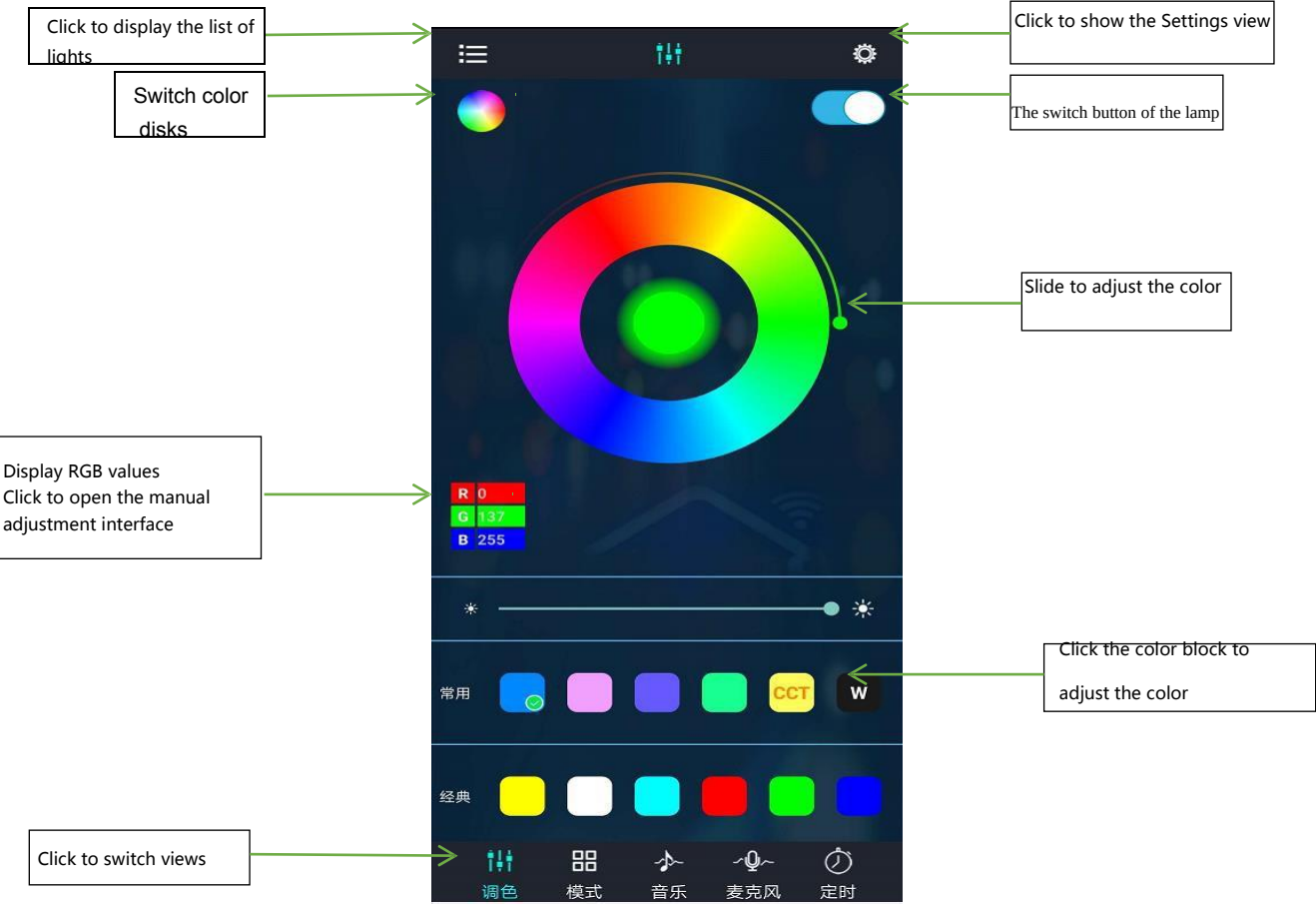
音乐

麦克风

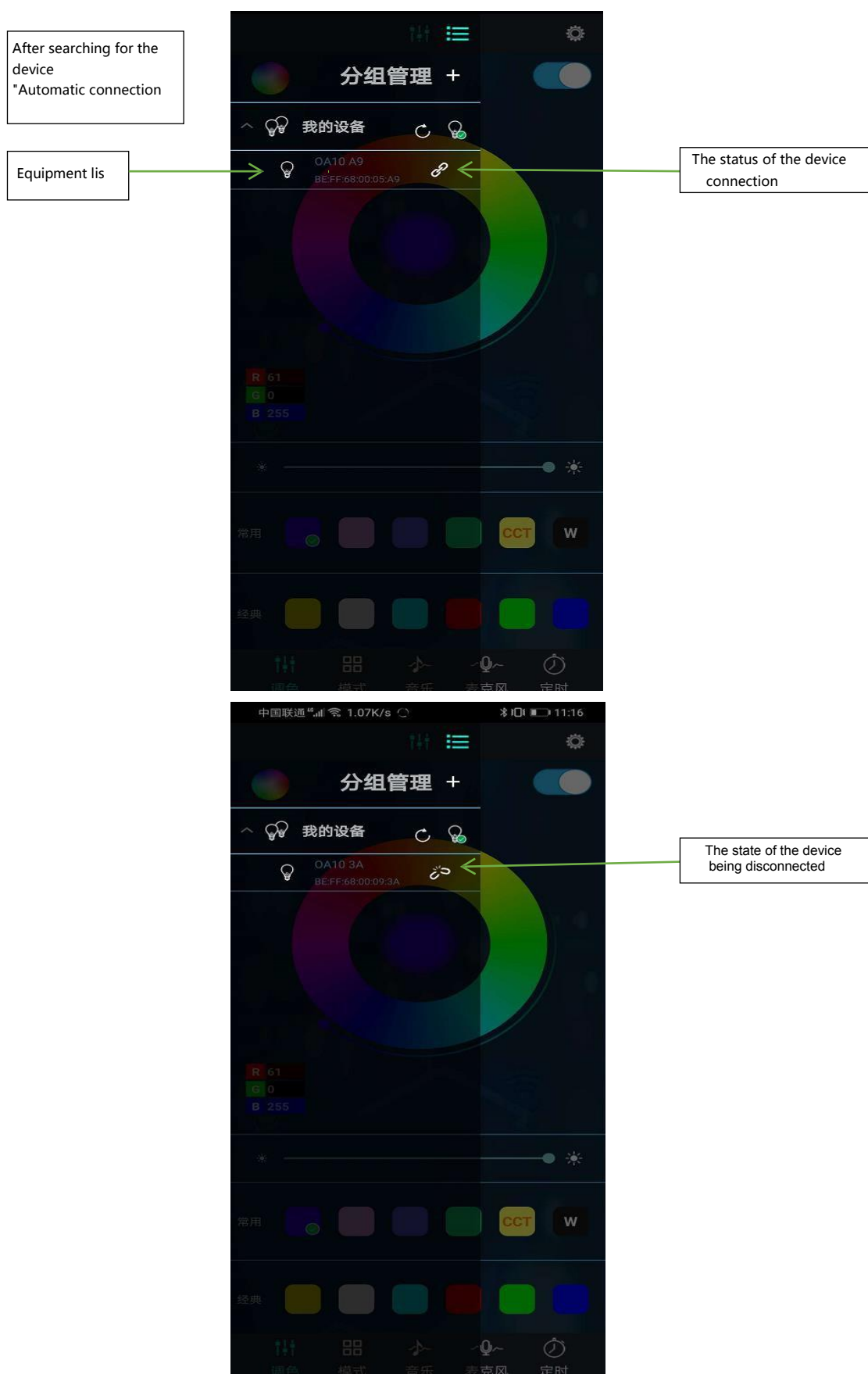
定时

(3) 切换到调色界面：

(3) Switch to the color grading interface



- (4) 点击设备列表，查看设备：
(4) Click on the device list to view the devices:



(5) 点击 RGB 调节按钮，进入手动调节 RGB 值界面：

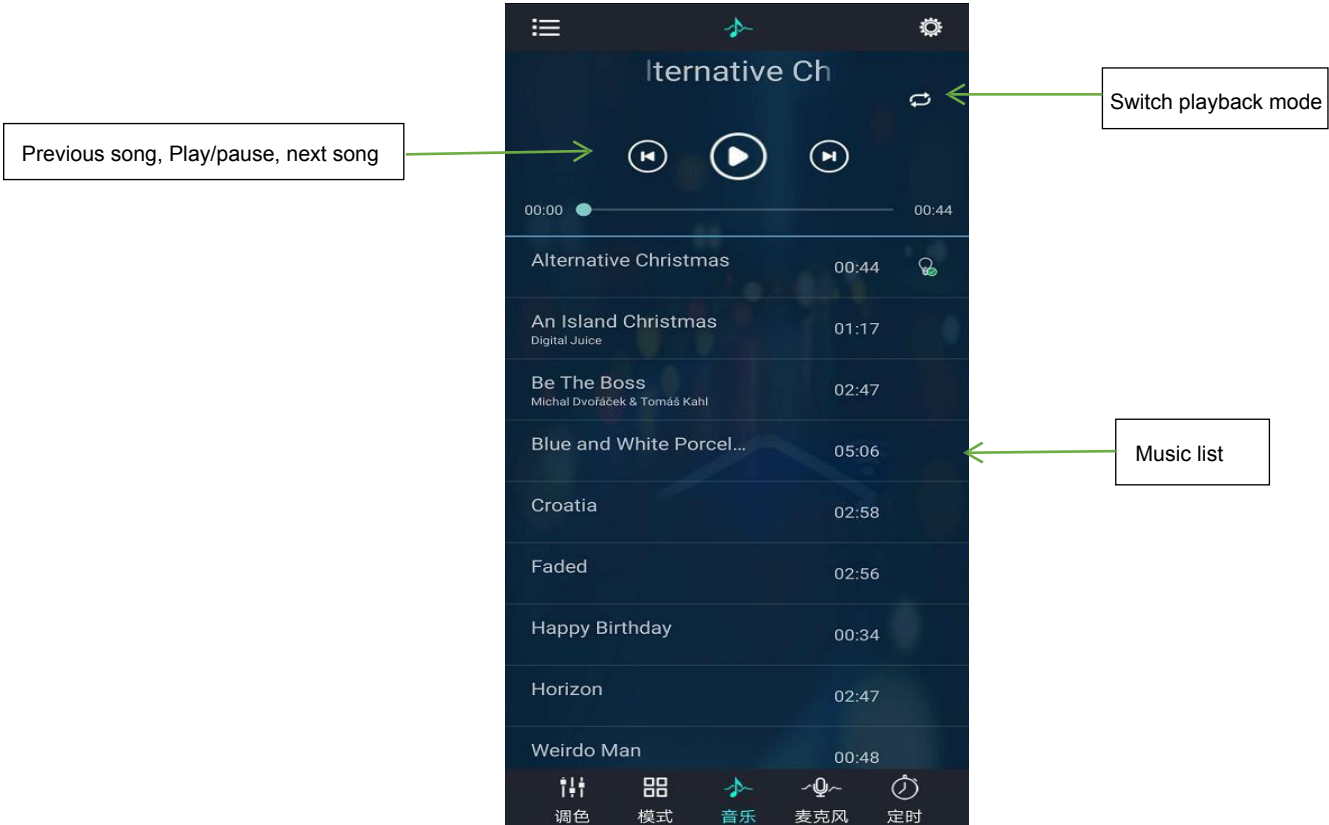
(5) Click the RGB adjustment button to enter the interface for manually adjusting RGB values:



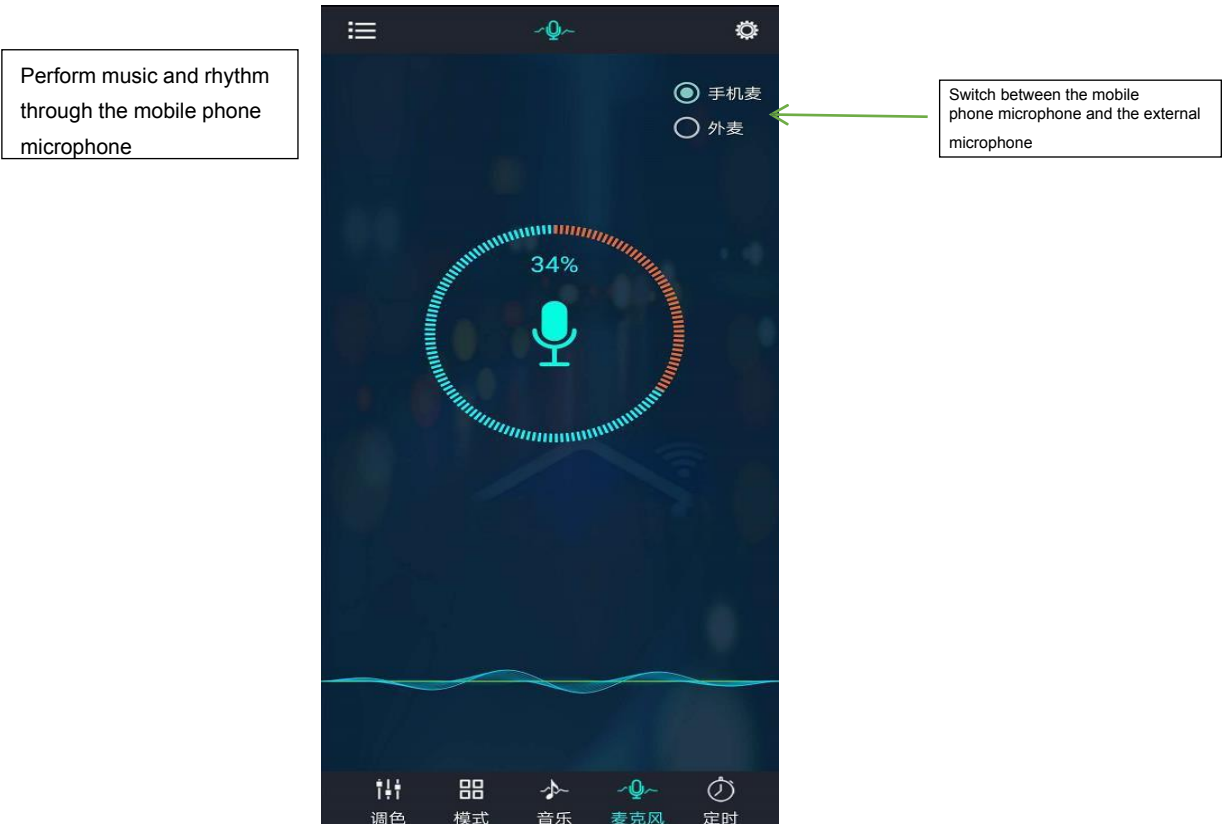
(6) 切换到模式界面：(6) Switch to the mode interface

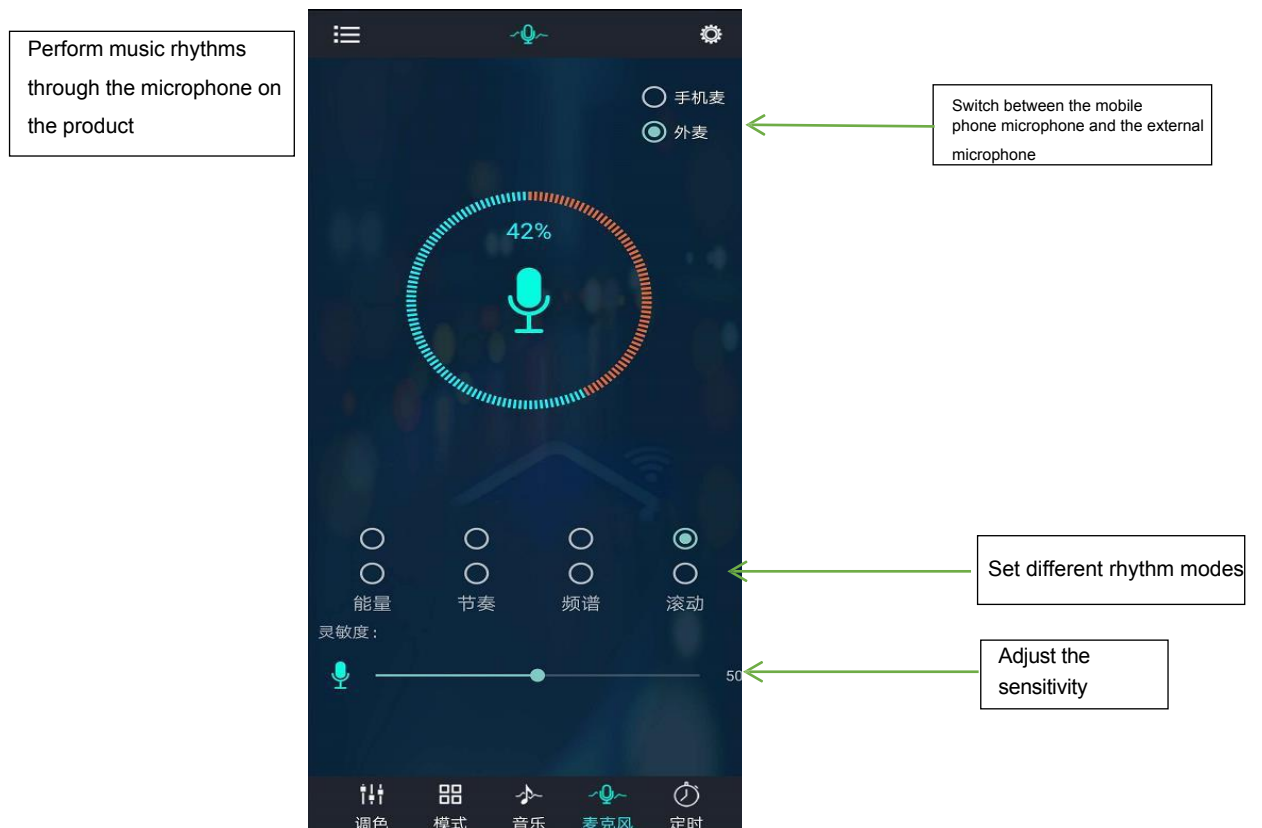


(7) 切换到音乐界面：
(7) Switch to the music interface



(8) 切换到麦克风律动界面：
(8) Switch to the microphone rhythm interface:

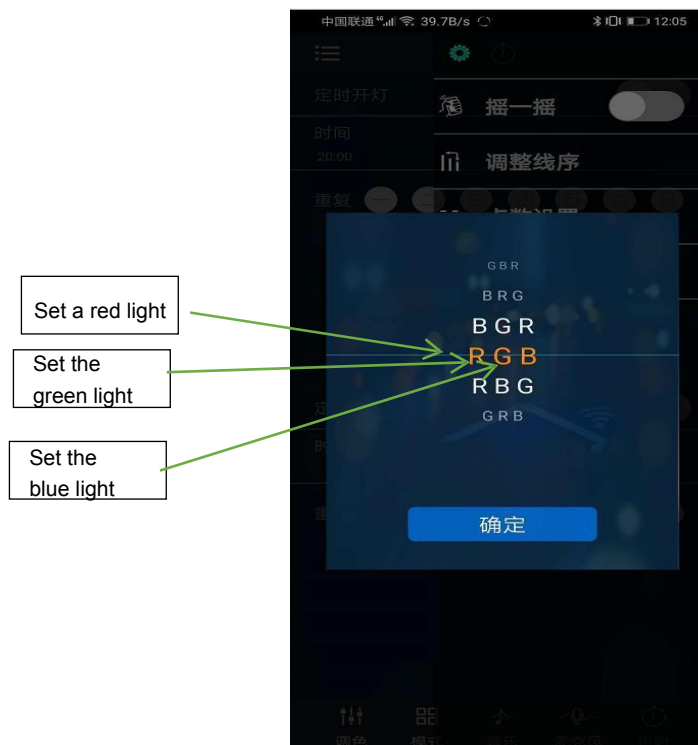




(9) 切换到定时界面：
(9) Switch to the timing interface



- (10) 切换到调线序界面：
- (10) Switch to the line sequence adjustment interface:



 Download on the App Store

 GET IT ON Google Play

 Download from the App Store



1 Chose the logo

2 Sweep the Code,download APP

3 Turn on the Bluetooth

4 Turn on the device,the



Smartphone app controls

 App Store

 Google Play



DIY Color



Multi Scenes



Music Mode



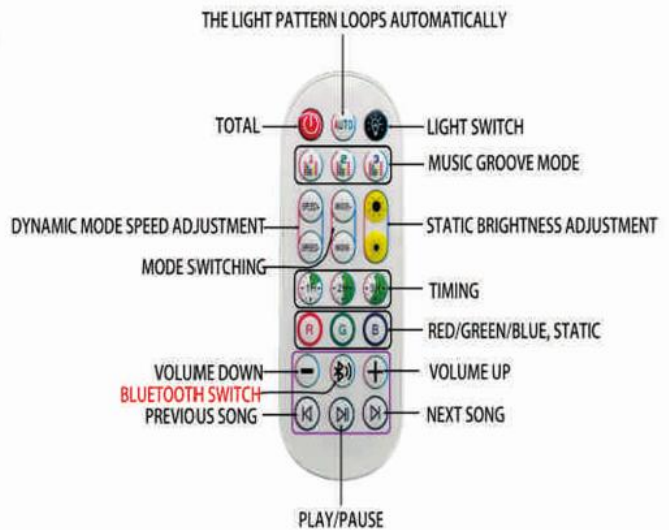
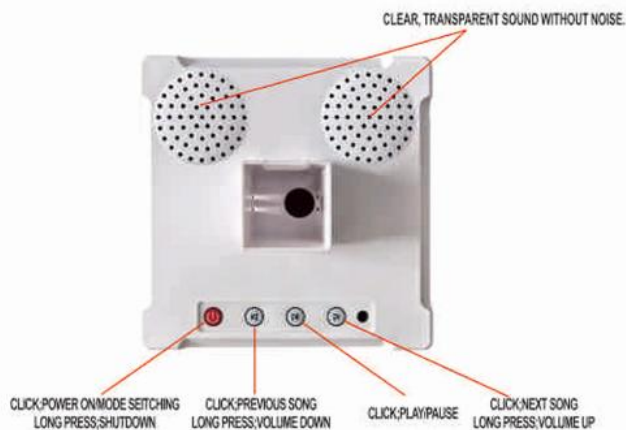
Mic Mode



Timing Mode



I.Functions:



II. Technical data:

II. Technical data:

Model	LDL-RGBIC-1.5 / 0.55
Product description	Colorful Sound Ambience Light
Rated wattage	8W +
Power input of light modules	5V/3A dc
Protection degree	IP20
Protection class	Class II
Color temperature	RGBIC
Luminous flux	/
Dimensions	550x133x133mm / 1500x133x133mm
LED type	SMD5050 RGBIC

Operating temperature	-15 C~40
Power output of adaptor	C 5V/3A dc.
Rated input voltage of adaptor	AC 110-240V
Nominal frequency of adaptor	50/60Hz
IR remote control	included
Input voltage	5V d.c
Battery type	1xCR2032(included)
Power out of remote	0.021W
Available distance	3-5meter

III. Safety Instructions:

No obvious symptoms Unfortunately, it is not obvious when a button or coin battery is stuck in a child's esophagus (food pipe). There are no specific symptoms associated with this. The child might > cough, gag or drool a lot, > appear to have a stomach upset or a virus, > be sick; > point to their throat or stomach, > have a pain in their abdomen, chest or throat; > be tired or lethargic; > be quieter or more clingy than usual or otherwise "not themselves". > lose their appetite or have a reduced appetite; > not want to eat solid food/ be unable to eat solid food These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding. A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help. The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

BATTERY WARNING KEEP OUT OF REACH OF CHILDREN Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.	
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- a) "BATTERY WARNING: KEEP OUT OF REACH OF CHILDREN
b) "If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children".
c) "If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention".
Warning: contains coin battery.



Warning.
contains coin battery

FCC Statement:

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.

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. Caution: Any changes or modifications not expressly approved by the party