



## 一、 Function summary

LST04-WR is an RGB+W light belt that supports mobile phone WIFI communication and RF remote control. It is a smart light belt with functions such as scene mode, dimming and toning, white light mode, and timing.

## 二、 The product suit icon



备注：电源为图示，实际待确认，规格是 24V/1ADC（带 DC 接头）。灯带控制器 TYPE\_C 连接灯带，右边 DC 接头连接 24V 电源。1pcs 5 meter light strip+1 pcs 24V/1A power adaptor+1pcs controller (type C connect the light strip, DC connector connect the power adaptor) +1 pcs transmitter

### 三、 Product parameters

<b>外观</b>	
产品型号 <b>Model#</b>	LST04-WR
灯带尺寸 <b>Size of light strip</b>	10*5000mm
每米灯珠个数 <b>LED qty/meter</b>	30PCS5050 灯珠/30PCS2835 暖白灯珠 <b>30pcs 5050 RGB LED/30pcs 2835 2700K LED</b>
白光灯珠 2835 色温范围 <b>2835 LED color temperature range</b>	2700K ± 10%
白光灯珠流明值范围 <b>The lumen value range of 2835 LED</b>	1100lm ± 20%
控制器尺寸 <b>Size of controller</b>	80*29.1mm
产品颜色 <b>product color</b>	White
产品重量	/
<b>产品参数 Product Parameter</b>	
电源输入电压/电流 <b>Power input voltage/current</b>	AC 120v/60Hz, 0.3A (Max)
电源输出电压/电流 <b>Power output voltage/current</b>	DC 24V, 1A (Max)
WiFi 参数 <b>WiFi parameter</b>	支持协议 802.11 b/g/n; 通道 1-14@2.4GHz; 支持 WPA/WPA2 安全 <b>support 802.11 b/g/n; WiFi channel 1-14@2.4GHz; support WPA/WPA2 security protocols</b>
RF 参数 <b>RF parameter</b>	FSK 915Mhz, Remote control distance > 30M
待机功耗 <b>stand-by power consumption</b>	< 0.5W (The power supply parameters have been modified and the stand-by power consumption need to be reconfirmed)
手机系统要求 <b>Smartphone system requirements</b>	iOS 8.0 及以上版本; <b>iOS 8.0 and above</b>
	Android 4.4 及以上系统的手机 <b>Android 4.4 and above</b>

### 四、 Instructions for use

## Instruction of RF resync code and reset WIFI

LST04-WR 是一款智能 WIFI 灯带，主要功能是通过手机 APP 以及 RF 遥控器实现的。使用该设备 WIFI 功能之前，需要先进行添加设备。

LST04-WR is an intelligent WIFI+RF light strip. The main functions are realized through APP and RF remote control. Before using the WIFI function of this device, the device needs to be added first.

产品的壳体正面有一个按键。按键操作分为两种：点按和长按。

There is a button on the front of the housing of the product controller. There are two types operation of button: click and long press.

- 点按控制灯带的开关，开启时灯带点亮，关闭时灭。

Click the button to turn on/off the light strip. The light strip will be lightened when turn on and be dark when turn off.

- 灯带关闭时长按进入配网模式：未配网则会进入 EZ 配网模式（万能模式）；EZ 模式下继续长按进入 AP 配网模式（指定热点配网）；继续长按会在 AP-EZ 之间模式切换；已配网则会重置 WIFI。

When the light strip is turned off, long press the button on the controller, it will enter the pairing network mode. If not enter the pairing network mode, it will enter the EZ mode (universal mode). Continue to long press the button under the EZ mode to enter AP mode (pairing network under specified hot spot ); Continue to long press the button will switch between the AP-EZ mode; WIFI will be reset when the network have finished the pairing.

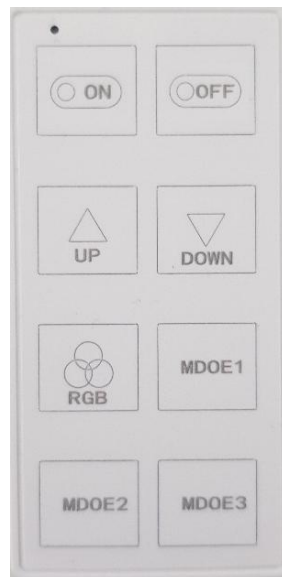
- 灯带打开时长按：灯带切换回白光，并调节亮度。

When the light strip is turned on, long press the button on the controller, it will switch to white light and adjust the brightness.

- RF 配对方式：控制器上电 30S 内来回按下第一组 ON/OFF 按键，若设备受控，表示学习完成；

RF pairing method: After the light strip power on, press the first row ON/OFF button on the transmitter repeatedly within 30 seconds. If the device is controlled, stands for the syncing is finished.

LST04-WR 遥控器功能说明: **Description of transmitter function:**



ON : 打开灯带 **turn on the light strip**

OFF : 关闭灯带 **turn off the light strip**

UP : 灯带切换为白光亮度增加 **light strip switch to white light and the brightness increased**

DOWN : 灯带切换为白光亮度减小 **light strip switch to white light and the brightness decreased.**

MODE1 : 闪烁模式。 **flash mode**

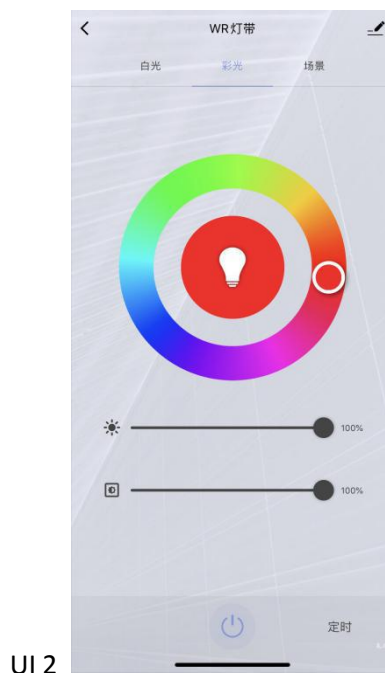
MODE2 : 跳变模式 **jump mode**

RGB : 通过 RF 来选择, RGB 色彩 **choose the RGB through RF**

MODE3 : 呼吸模式 **breathing mode**

## 2. LST04-WR 手机 APP 功能说明

### Description of APP function



界面以及功能介绍 **Interface and function introduction**

界面 1: APP 面板打开的默认状态: 可以通过开关来开关灯带

UI1: Default status of open APP panel: you can turn on and off the light strip by switch.

界面 2: 调色盘面板, 可以选择灯带的色彩、亮度以及浓度等参数

UI 2: Palette panel, you can choose the color, brightness, dimming and other parameters.

界面 3: 场景模式选择面板, 点按进入到对应的场景模式, 点击编辑进入到设置该场景模式设置界面

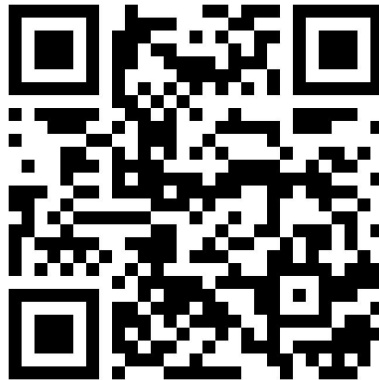
UI 3: Scene mode selection panel, click it and enter to the corresponding scene pattern, Click edit to enter the setting interface of this scene mode

## 五、使用方法 Using Method

### (一) 下载 APP download the APP

使用手机扫描下方二维码下载 APP, 也可在各大应用商店搜索 “SmartlinkPlus” 下载安装 APP

Use your phone to scan the below QR code to download the APP, or search for "SmartlinkPlus" to download and install the APP in the APP stores



### (二) 连接 WIFI Connect the WIFI

打开 APP 注册登录 》》手机连接 WIFI 》》连接灯带和控制器并通电 》》关闭模式下长按控制器按键进入 EZ 配网模式 》》打开 APP 点击添加设备或者右上角 “+” 号按提示完成配网 》》连接成功 APP 内可选择模式、色彩等。Open the APP to register and login-----the smart phone should to connect the WIFI -----connect the light strip and controller and power it on----- long press the button on the controller to enter the EZ mode when the light strip is turned off-----open the APP and click add device or “+”

on the top right corner to finish pairing network according to the reminder-----choose the mode and color after the APP connect successfully.

### **(三) 连接 RF 发射器 Connect RF transmitter**

连接灯带和控制器并通电 《》 上电 30S 内来回按下第一组 ON/OFF 按键 《》 若设备受控则连接成功 《》 使用遥控远距离选择开关、选色、模式等功能。 **Connect the light strip and controller and power it on-----repeatedly press the first row ON/OFF button within 30S-----if the device is controlled, connect successfully----use the transmitter to choose ON/OFF, color, mode and other functions.**



**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.

Warning: 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 statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.