



## SP103E Mini-RF 遥控控制器使用说明

### 一、特点:

- 1、RF 射频无线控制，距离可达 15M，操作灵敏人性化，体积小，接线简单方便；
- 2、支持定制市面上常见的单线或双线的 LED 驱动 IC；
- 3、自带 300 种花样效果，炫丽灵动；
- 4、可调节级联点数，最多可带多达 2048 个像素点；
- 5、带掉电保存功能；
- 6、带灰度调节功能；
- 7、电源具有防反接功能。



### 二、遥控器部分:

#### 1、按键:

开关	自动	速度加	速度减	模式加	模式减	亮度加	亮度减	配对	设置	红	绿	蓝	白

#### 2、按键操作:

灯具测试功能	连续按 <b>自动键</b> 5 次，次直到灯具熄灭，放开 AUTO 键，跳转到红、绿、蓝、黄、紫、青、白七色跳变效果，方便灯具测试；
遥控器配对功能	连续按 <b>配对键</b> 5 次，灯具快闪白光，此时接遥控板与接收器进行一对一配对；连续按配对键 5 次，灯具慢闪白光，此时接遥控板与接收器解绑；
调节 RGB 顺序	由于灯具的差异，遥控面板的 RGB 按键与实际灯具对应不上，此时可调节 RGB 顺序；连续按 <b>设置键</b> 5 次，灯具此时闪动一次白光后常亮白光，按 <b>红色键</b> 直到灯具亮红色，按 <b>绿色键</b> 直到灯具亮绿色，按 <b>蓝色键</b> 直到灯具亮蓝色，最后按 <b>设置键</b> 1 次确认设置完成；
调节级联点数	本控制器出厂默认控制 600 个点，最多可调节至 2048 个点，最少可调节至 300 个点。连续按 <b>设置键</b> 5 次，灯具闪动一次白光后常亮白光，按 <b>模式+键</b> 和 <b>模式-键</b> 来增加或减少点数，每按一次就增加或减少 60 个点，最后按 <b>设置键</b> 1 次确认设置完成；
抓取效果功能	在当前是全部效果自动循环模式时，按下 <b>设置键</b> 1 次，接着按 <b>配对键</b> 1 次，可抓取当前效果使之循环跑动。

### 三、接收部分

- 支持定制市面上常见的单线或双线的 LED 驱动 IC；
- 本产品可选择 5V 供电和 12V 两种供电电压。
- **注意：上电使用前请确认供电电压。**



## SP103E Mini-RF controller operating instructions

### 1. Features:

1. RF Remote control,long distance,mini size,wire connection is simple and very easy to use;
2. Support almost every kind of one-wire or two-wire LED-DRIVER-IC :(Can be customized)
3. With 300 kinds of patterns,which are vivid and beautiful;
4. Each controller can control up to 2048 pixels;
5. With user setting saving functionality;
6. Brightness adjustable.
- 7.Preventing reverse connection of power supply.



### 2. Remote Controller

#### 1. Functions Of Each Button:

ON/OFF	AUTO	SPEED UP	SPEED DOWN	MODE UP	MODE DOWN	BRIGHTNESS UP	BRIGHTNESS DOWN	MATCH	SETTING	RED	GREEN	BLUE	WHITE

#### 2.Usages:

Testing	Continuously pressing the <b>AUTO</b> button 5 times until LED is off, release the <b>AUTO</b> button to into the mode of switch in red,green,blue,yellow,purple,cyan and white,witch can test the your LED.
Matching	Continuously pressing the <b>MATCH</b> button 5 times until LED flash in white quickly to match the Remote control with the receiving controller.Pressing the <b>MATCH</b> button for 5 times till LED flash in white slowly to un-match;
Reorder RGB	Differ from kinds of LED, The <b>R G B</b> keys may don't perfectly match to your LED,Reorder them if needed. Continuously pressing the <b>SETTING</b> button 5 times until LED flash in white once and then turn into all white,Pressing the <b>R</b> button until LED is red, Pressing the <b>G</b> button until LED is green, pressing the <b>B</b> button till LED is blue, then press the <b>SETTING</b> button once to confirm your setting;
Adjust Num of pixels	The factory default setting of the number of controlled pixel is 600. Continuously pressing the <b>SETTING</b> button 5 times until LED flash once and turn all white, pressing <b>MODE+</b> to add pixels ,pressing <b>MODE-</b> to decrease pixels,(each pressing add or decrease 60 pixels) then press the <b>SETTING</b> button to confirm your setting;Can be regulated to up to 2048 pixels,The minimum number is 300 pixels.
Catching	When in the AUTO mode, pressing the <b>SETTING</b> button once,and then press <b>MATCH</b> button once to catch the Current pattern to stay and operate circularly.

### 3.Receiving Controller:

- Can be customized to support almost every kind of one-wire or two-wire LED-DRIVER-IC;
- The receiver controller has two kinds of working voltage :5V-supply-voltage or 12V-supply-voltage;
- **Cautions: Please make sure the power supply voltage is match to your controller before you power it.**