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:

	AUTO	SPEED +	SPEED -	MODE +	MODE -					R	G	B	W
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 **AUTO** button 5 times until LED is off, release the **AUTO** 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 **MATCH** button 5 times until LED flash in white quickly to match the Remote control with the receiving controller.Pressing the **MATCH** button for 5 times till LED flash in white slowly to un-match;
Reorder RGB	Differ from kinds of LED, The **R G B** keys may don't perfectly match to your LED,Reorder them if needed. Continuously pressing the **SETTING** button 5 times until LED flash in white once and then turn into all white,Pressing the **R** button until LED is red, Pressing the **G** button until LED is green, pressing the **B** button till LED is blue, then press the **SETTING** 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 **SETTING** button 5 times until LED flash once and turn all white, pressing **MODE+** to add pixels ,pressing **MODE-** to decrease pixels,(each pressing add or decrease 60 pixels) then press the **SETTING** 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 **SETTING** button once,and then press **MATCH** 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.**