

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 AUTO button 5 times until LED is out, release the AUTO button to into the mode of switch in red, green, blue, yellow, purple, cyan and white, witch to 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.**