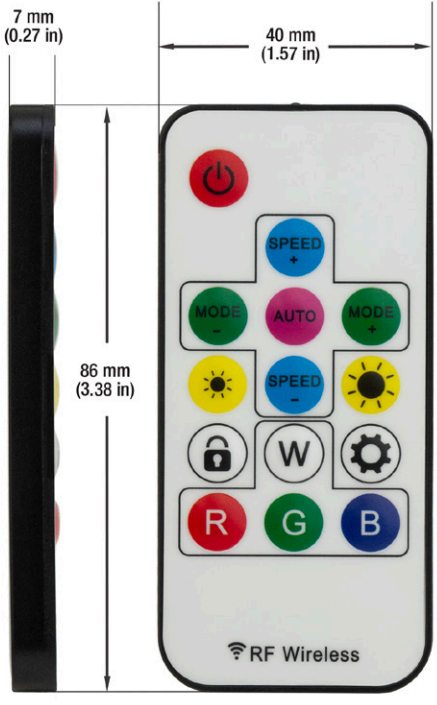
Installation Manual

SP103E Remote Controller

Features:

- **Input voltage:** DC5-24V
- **Controllable pixels:** 2048 pixels
- **Minimum pixels:** 300 pixels
- **Support IC models:** WS2811, WS2812B, etc.
- **Application range:** LED addressable RGB pixel light
- **Working temperature:** 20~60°C
- **Remote control distance:** about 20m
- **Effects:** Built-in 358 kinds of effects



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

Once connected to the power supply, press the ON/OFF button to activate the LEDs, which will resume their previous routine.

To speed up or slow down the color changing, press either the Speed Up or Speed Down buttons.

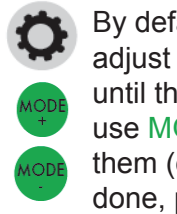
To make the LED strip brighter or dimmer, use the Brightness Up or Brightness Down buttons.

To switch between the 358 built-in effects, use the Mode Up or Mode Down buttons.

To activate Test mode, press the AUTO button five times. This will make the attached LEDs cycle through red, green, blue, yellow, purple, cyan, and white. Pressing the AUTO button again will switch the controller to color wheel mode, where it will cycle through a preset sequence of colors.

To sync the remote control with the receiving controller, press the MATCH button five times until the LEDs flash quickly in white. To unsync, press the MATCH button five times until the LEDs flash slowly in white.

To remap the RGB keys on the controller, press the SETTING button five times. The LEDs will flash white and then stay solid. Press R for red, G for green, and B for blue, making sure each color matches. Once blue is set, press SETTING again to confirm.



By default, the controller handles 600 pixels. To adjust this, press the SETTING button five times until the LEDs flash once and turn white. Then, use MODE+ to add pixels and MODE- to decrease them (each press adjusts by 60 pixels). Once done, press SETTING to confirm.