



3-Button Controller/Driver for WS2812B RGB LED

Designed to connect to industry standard 3-wires WS2812/WS2811 RGB LED strips. Power supply can range from 5~24VDC. 300++ display modes, ten-speed levels, all controlled with 3 buttons. Control up to 2048 pixels with preprogrammed 76 lighting patterns.



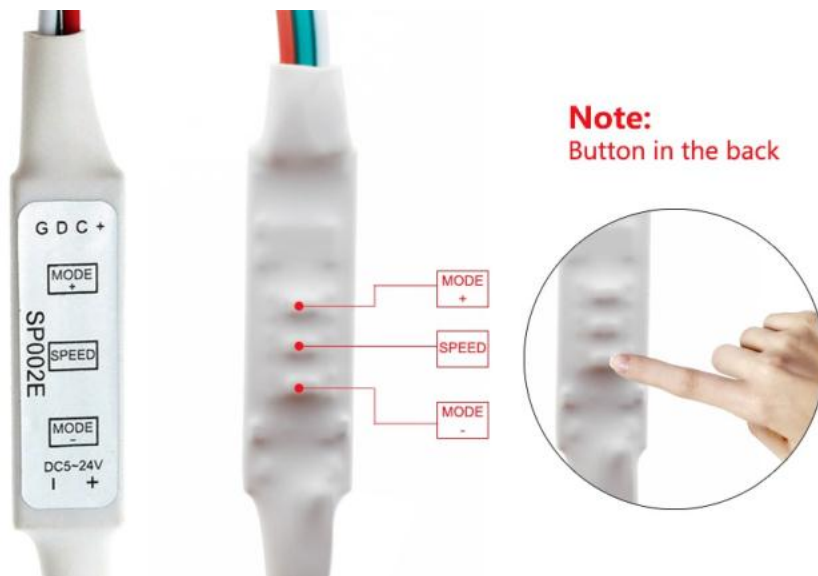
SKU: [MDU1078](#)

Brief Data:

- 3-Keys WS2812 LED manual controller kit.
- Number of Pixel: 2014.
- 76 display patterns and speed options.
- Ultra slim modules design.
- Input voltage: 5~24VDC. (Make sure to match to WS2812 LED Strip supply voltage)

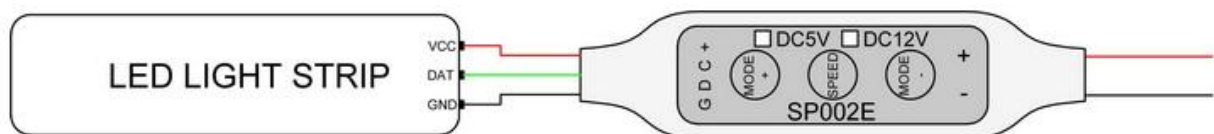
Note: Please make sure the supply voltage is match to the input voltage of WS2812 Neopixel RGB Strip. Common input for Neopixel RGB strip is 5V.

Key Function Description:

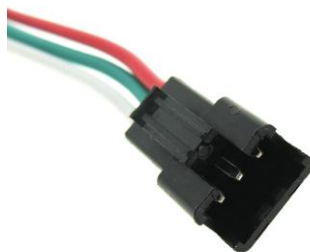


Button	Function Description
MODE+	Forward LED Switching patterns
SPEED	LED Running/Switching speed
MODE-	Backward LED Switching patterns
MODE+&MODE-	Pressing MODE+ and MODE- together and release at the same time into AUTO Mode.

Wiring Diagram:



Plugable 3-Pins Connector Assignment:



Pin Name	Description
White/Gray	Ground
Red	Power Supply 5~24V (Match to LED Modules)
Green	Data Out

Web Resources:

1. FastLED Wiki > <https://github.com/FastLED/FastLED/wiki>
2. [Adafruit NeoPixel Userguide.](#)
3. [Adafruit NeoPixel Library.](#)



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