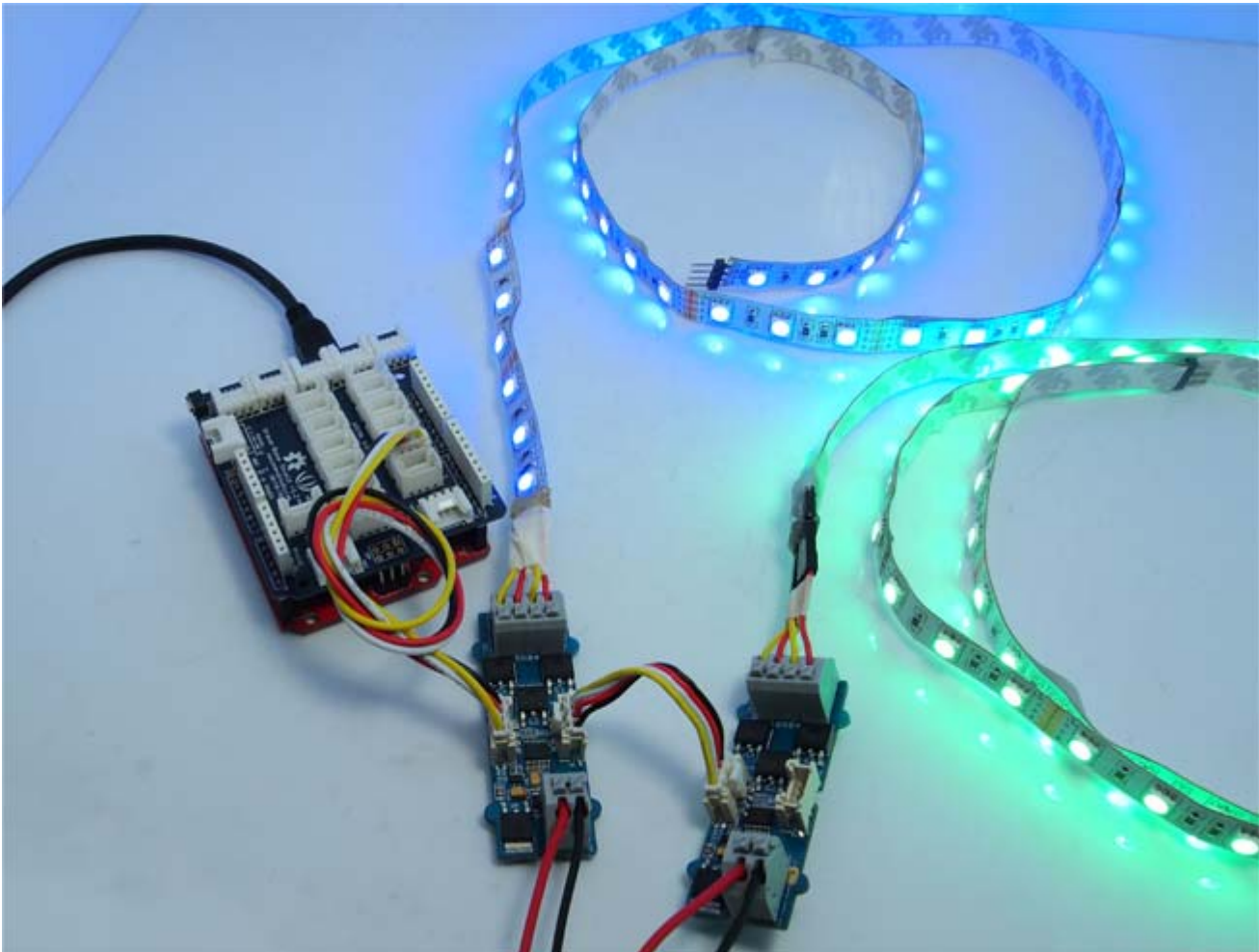


# Grove - LED Strip Driver

The LED Strip Driver with 4-pin Grove interface provides easy connectivity to your standard Arduino device or Seed Stalker. It can help you control the luminance of a single-color LED strip, as well as the color and the luminance of an RGB LED strip through Arduino or Seeduino.

It has 2 terminals and 2 Grove interfaces. The power for the LED strip comes in through the 2-pin terminal. And the LED controlling voltages output through the 4-pin terminal. The 2 Grove interfaces are respectively screen-printed “IN” (for controlling data input) and “OUT” (for controlling data shared with the next strip driver).

It can drive an LED strip 1 to 2 meters long with 9 V, while 1 to 5 meters long with 12 V. The driver in conjunction with the colorful LED strips can add a wonderful effect to indoor or outdoor usages.



## Features

- Grove compatible interface
- Can be cascaded for a larger display
- Best results achieved with LED strips 5 meters long or shorter
- Outputs PWM signals
- 256 gray-levels are adjustable via programming

- Arduino and MEGA compatible
- Screw Terminals (power input and control signal output interface)

**For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.**