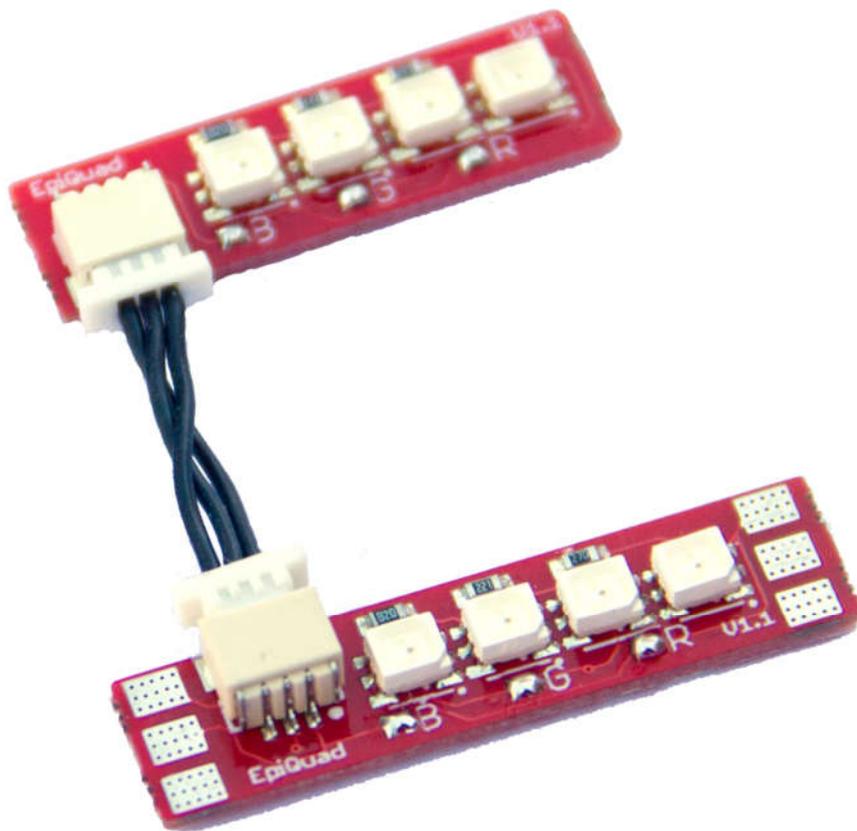


# EPILEDWIRE

## MANUAL



Version 1.0 | February 22, 2019



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## Features and specifications

The EpiLedWire is made to simplify the use of LEDs on a quadcopter. No need for 3 extra wires to your fc to power and control leds anymore. The EpiLedWire connects to your 3 motor wires and to your 4in1 esc. The EpiLedWire is capable up to 6s (25v). You can connect another EpiLedWire trough the connector to mount leds to the bottomside of your quadcopter. The EpiLedWire is RGB, every color can be chosen trough solder bridges.

### The EpiLedWire:

- **The EpiQuad team burned ZERO motors or esc's since they use the EpiLedWire, since it can work as a fuse if something fails on your model!**
- 3-6s capable
- You can bridge solder pads to choose between different colors.
- Easy swap of a EpiLedWire with the simple connector system.
- Big solder pads for easy soldering

### Specification EpiLedWire:

- 4 leds per strip
- 3-6s capable
- RGB leds
- Max current: 35a 4in1 esc
- Width: 8mm
- Length: 32mm

### Specification EpiLedWireExtension:

- 4 leds per strip
- RGB leds
- Width: 8mm
- Length: 27mm



## Warnings and advices

Here you will find some general information about your product. Please keep this always in mind and read it a few times if needed.

**WARNING:** Never use the EpiLedWire without tape on the bottomside. Without tape a short can cause between the EpiLedWire and the carbon fiber.

**NOTE:** If a EpiLedWire burns it has saved your motor or esc, on normal use it will not happen, only on crashing or failing hardware. The EpiLedWire worked as a fuse.

**NOTE:** Sometimes you don't see the EpiLedWire turns on when the quads boots up and the tones are playing, this is normal.

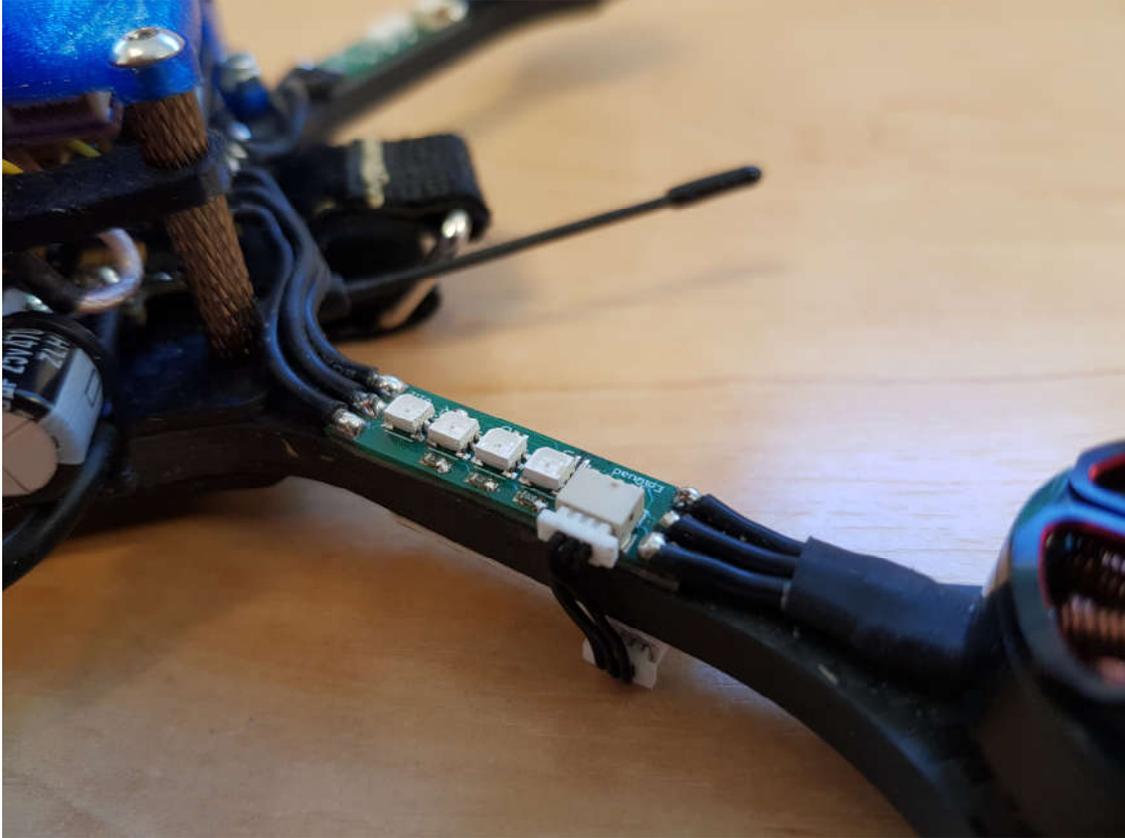
**ADVICE:** For first power up, use a bench power supply with limited current.

**ADVICE:** Place the EpiLedWire with the connector to the motor side to prevent a broken connector when a propstrike happens.



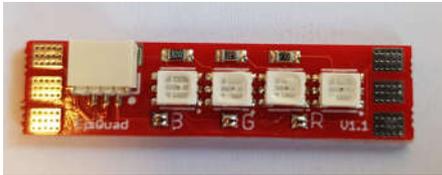
## Installation

Here is a picture with the EpiLedWire installed. This is the only way the ledwire works properly.





## Colors



In order to select your favorite color you can solder the bridges next to the leds. There are 3 bridges marked with a B,G and R corresponding with the colors Blue, Green and Red. Combining those colors get you some different colors. You have a total of 7 options, you can find it in the table below:

### Color scheme

RED	GREEN	BLUE	Colour
X			Red
	X		Green
		X	Blue
X	X		Yellow
X		X	Purple
	X	X	Cyan
X	X	X	White

# EPIQUAD



## Special thanks

-We would like to thank you for your interest or purchase of an EpiQuad product.

-We would like to thank our team's pilots [NelisFPV](#), [DroneDFPV](#), [ThomasFPV](#) and [ShaggyFPV](#)

- Also thanks to all of our test pilots for testing our hardware and giving feedback on it. You guys know who you are!