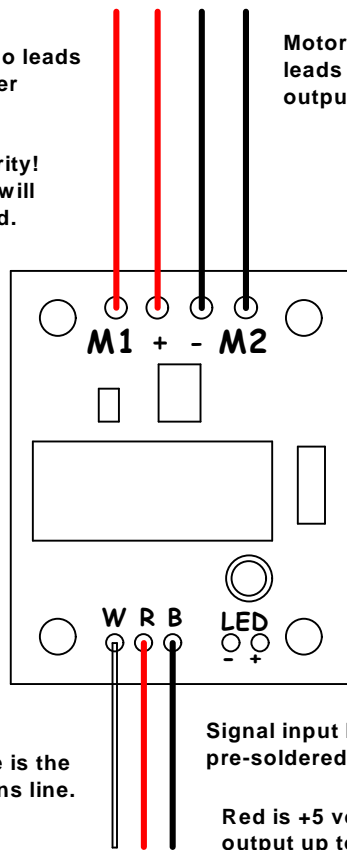


**Power: Center two leads are for main power input. 6-50 Volts**

**Be aware of polarity!  
Reverse polarity will damage the board.**

**Motors: Outer two leads are motor outputs.**



**The White wire is the communications line.**

**Signal input leads with pre-soldered leads.**

**Red is +5 volt regulated output up to 1.0 Amp**

**Specifications:**

- Single channel
- Power status LED
- 10 Amp regulated-12 amp shut down
- Over current limited
- Thermal protection
- Voltage Range 6-50 Volts
- +5 V regulator (BEC) up to 1.0 Amp
- Futaba J-type connector
- Screw terminals for input power and motor output connections.

**Code:**

- 4 times signal averaging
- Failsafe to dead band if no signal is detected
- Noise rejection
- Fully proportional Fwd and Rev
- 500 Hz chopping rate to keep transistors cool

**Signal:**

- 1.0ms to 2.0ms pulse control (hobby servo std.)
- 1.5 ms dead band
- Pull up resistor logic
- Works with most all micro controllers and R/C receivers