



Setup:

Throttle calibration should not be needed out-of-the-box. However in order to make the throttle range of different transmitters, the calibration of the ESC is necessary:

- Mount the ESC in an area that is well ventilated and isolated from vibration and shock.
- Connect the ESC motor wires to the motor red-red & black-black.
- Plug the receiver with into the throttle channel on the receiver. The black negative wire should be towards the outside of the receiver.
- Before plugging the battery into the ESC, make sure your transmitter is on and the throttle trim is set at zero.
- Connect the battery to the ESC, this will turn on the ESC.
- Test forward and reverse control using the transmitter.
- To calibrate the ESC, make sure the transmitter is on and the throttle control is at neutral.
- Connect the battery to the ESC and wait 3 seconds to let the ESC initiate a self-test and automatic throttle calibration. When the ESC is ready to run a long beep sound will be emitted from the motor. Always disconnect the battery when the vehicle is not in use.
- Connecting the 2 LED wires to the ESC. The wires should color match.

Notes:

- Drag Brake set to 100% from the factory.
- LiPo Cut-Off is set to "ON" from the factory.

Specifications:

Input Voltage:	2-3S LiPo, 5-9 Cells NiMH/NiCd
Size:	46.5mm x 34mm x 28.5mm
Weight:	70g
Motor Limit:	12T 2S / 18T 3S
On-Resistance FET:	.002
Rated/Peak Current:	180A
Braking Current:	90A
BEC Voltage/A:	6.0V 3.0A Peak
PWM Frequency:	1KHz

Beep Sound and LED Status:

1 Short Beep:	Battery is NiMH/NiCd
2 Short Beeps:	Battery is 2S Lipo
3 Short Beeps:	Battery is 3S Lipo
1 Long Beep:	Self-test and throttle calibration is OK and ESC is ready to run

CAUTION **CONNECT THE BATTERY PACK JUST BEFORE DRIVING AND DISCONNECT IT IMMEDIATELY AFTER. ALWAYS MAKE SURE YOU ARE CONNECTING THE ESC TO A PROPER POWER SOURCE THAT HAS THE CORRECT VOLTAGE & POLARITY. INCORRECT VOLTAGES OR REVERSED POLARITY WILL DAMAGE THE ESC. ONCE THE BATTERY PACK IS CONNECTED, HANDLE THE MODEL WITH EXTREME CARE, MAKE SURE YOU ARE CLEAR OF ALL ROTATING PARTS.**

4 LED White & Red Light String

