Setup:
- Mount the ESC in an area that is well ventilated and isolated from vibration and shock.
- Connect the ESC wires to the motor.
- Plug the receiver wire into the throttle channel on the receiver.
- Before plugging the battery into the ESC, make sure your transmitter is on and the throttle trim is set at zero.
- Plug in the battery to the ESC with the ESC switch in the OFF position.
- Apply full throttle on the transmitter.
- Turn on the ESC switch while applying full throttle.
- The ESC will emit a series of beeps with the red LED.
- Continue applying full throttle until the ESC blinks green and emits a series of beeps.
- Once the esc blinks red, apply full brake/reverse.
- The ESC will emit a series of beeps while blinking red to finalize the brake/reverse endpoint.
- Return the throttle to the neutral position and the ESC will emit a series of beeps to finalize the neutral point.
- The ESC will emit a final series of beeps confirming the ESC is ready to work.
- Apply throttle to make sure the motor is going the direction you wanted. To reverse the direction of the motor, switch the wires going to the motor.

**Do not reverse the battery wire connections! Reversing the battery polarity will permanently damage the ESC.**

**Notes:**
- If ESC setup does not initialize when holding the full throttle, try switching the throttle reversing switch on the transmitter.
- LiPo Cut-Off is set to “ON” from the factory.
- Use the Castle Link to access the advanced settings in the ESC.
- Visit http://www.castlecreations.com/ for more information on the Castle Link USB Programming Kit.

**Specifications:**
- **Input voltage:** 6 Cell Ni/2S LiPo
- **Size:** 1.7 in x 1.2 in
- **Weight:** 45 grams
- **Motor Limit:** 19T
- **On-Resistance FET:** .0018
- **Rated/Peak Current:** 106A Peak
- **Braking Current:** 106A Peak
- **BEC Voltage/A:** 5.0V 2.0A Peak
- **PWM Frequency:** 6 KHz

**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.