

80A Brushless ESC (For Crosse BL, Model#8137)

Specifications:

- 1.1 Output current: continuous 80A, burst current 560A
- 1.2 Power output: 4-9 cell NiMh/Ni-Cd battery or 2-3 cell Lipo battery * See remark1.
- 1.3 UBEC output: 5V/3A (Power regulated by switch.)
- 1.4 Resistance: 0.0006(Ω)
- 1.5 Motor type: sensorless brushless and sensor brushless
- 1.6 Motor gears.
 - 2S Lipo battery/4-6 cell NiMh battery: 1/10 sedan \geq 5.5T, 1/10 buggy \geq 8.5T;
 - 3S Lipo battery/7-9 cell NiMh battery: 1/10 sedan \geq 10.5T, 1/10 buggy \geq 17.5T
- 1.7 ESC fan: 5V (pre-installed on ESC, as standard)
- 1.8 Applicable for types of RC cars: 1/10 & 1/12 sedan, buggy, 1/10 & 1/8 rock crawlers.
- 1.9 Size: 43mm (L) * 36mm (W) * 33mm (H)
- 1.10Weight: 80g

ESC calibration:

Step 1: Before ESC is switched on, connect the ESC to the battery, then turn on transmitter. Set the throttle as "REV", and the throttle trim to "0". Set the EPA/ATL of the throttle as 100% (Maximum). The ABS function on transmitter should be shut off.

Step 2. ESC switch is set at OFF status, press and hold SET key, switch on ESC, red LED on ESC starts to blink (with motor sound at the same time, see Note 1), let go the SET key (If the key is not let off within 3 seconds, the ESC will enter programming mode. Start from Step 1 again.)

Remark 1: The motor sound may be weak. At this point, watch LED status and keep it as normal.

Step 3. Set three areas: Throttle Neutral Point, Maximum of Normal direction and Maximum of Reverse direction.

1) Keep the throttle trigger at neutral point, press SET once, red light is off and green light flashes once, there is "crashing sound " from the motor. It indicates that the throttle is set at neutral point.

2) Pull the throttle trigger to maximum, press SET key, green light flashes twice, motor sends out two "crashing sounds", this means that the throttle is set as maximum.

3) Push the throttle trigger at maximum, press SET key once, green light flashes three times, motor sends out three "crashing sounds". At this moment, the throttle is set as maximum at reverse highest.

4) Three seconds after the throttle setup is complete, the motor can work properly.