

RC4WD Outcry ESC Instructions

Single Motor and Dual Motor ESC

This is an instruction sheet for the new Outcry ESC (Electronic Speed Control). This will cover basic questions about the ESC and how it works. If you have further questions about it's the ESC. Please contact our support line, or use our forum.

E-mail : Support@rc4wd.com

Forum : www.rc4wdforum.com



The Outcry ESC is designed for Radio Control Crawler or Scaler use. The ESC is has a built in non-adjustable drag break. The ESC comes with a BEC (battery eliminator circuit). This allows you to get full power to the other electronics in your setup.

This ESC is a simple Plug and Play unit. Use the equipped plugs and install to your electronics. Make sure your radio is plugged in, plug the battery into the ESC, and turn on your ESC. This should program everything and then your ESC should be ready to use.

Speed Controller Specs:

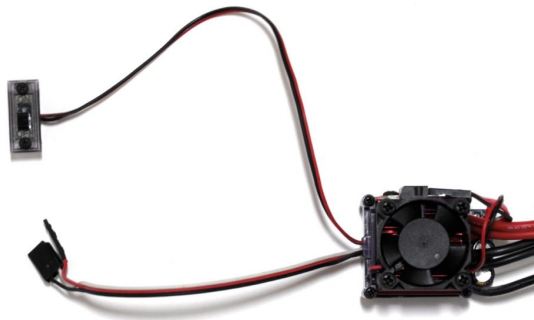
- Input Voltage: 4-12 NiCd/NiMH cells (1.2V per cell) or 4S LiPo cell
- Weight: 49g / 1.72 oz
- Size: 35mm/1.37inch x 33mm/1.29inch x 30mm/1.18inch
- Advanced 6V/5A Turbo BEC
- BEC input 5V-23V, 2S-4S Lipo
- Rated current: 300A forward, 150A reverse
- Motor limit: Anything more than 30+ turn brushed
- Discrete Steps: 128 Forward, 128 Reverse
- Connectors: Futaba J, Standard for Battery, Bullet Motor (all pre-installed)
- Status LEDs: 1
- Delay in reverse: No
- Drag break: Yes
- Dual motor unit offer a fan

1. ESC Plugs and wires

In the photos below you can see the different wires coming from the Outcry ESC. We have used the dual motor ESC for these photos. The only difference between the single version and dual version are the extra two motor wires on the dual version.

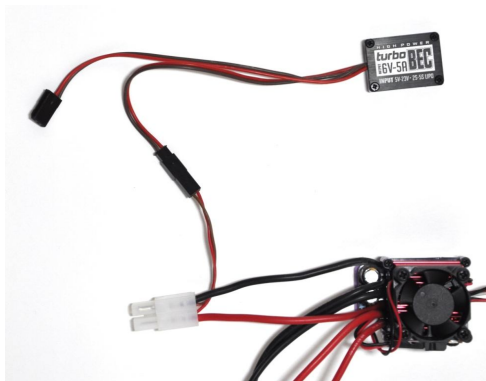
A. In this photo you can see the ESC On/Off switch and the receiver throttle input plug. You will notice the red wire to the receiver throttle input plug has been removed and heat shrink applied. This is to allow the BEC to apply full power to the receiver and other electronics in your setup. It is very important to leave the shrink wrap on the red wire. (Removing the shrink wrap can cause damage to the ESC and your other electronics)

The receiver plug will install into the throttle slot of your receiver. Please refer to your radio's owner manual for instructions on which slot to plug the throttle control plug into.

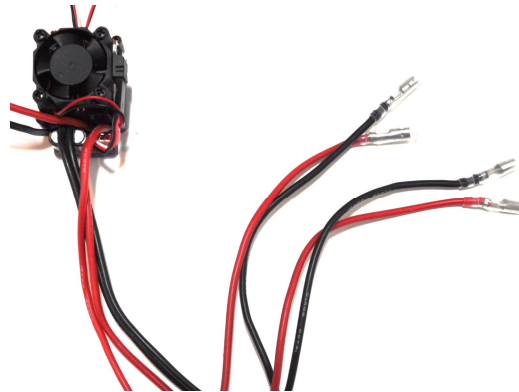


B. This photo shows the BEC and battery plugs. The ESC is equipped with a standard Tamiya plug. This should make it an easy plug and play for your battery connections. (changing the plug may void your warranty)

The plug on your BEC is a standard receiver plug. This will plug into two different spots on your receiver. Either your Auxiliary, or Battery slots. Refer to the owner's manual that came with your radio for these slots.



C. The motor wires are shown in this photo. Again the dual motor ESC was used for this manual. The single motor ESC will only have the two motor wires. One black and one red. The dual motor has two black and two red.



2. The dual motor ESC offer a fan.

We do not recommend removal of the fan from the ESC.

3. Receiver plug installation

We recommend you refer to your radios owner manual to help with this step.

Plug the receiver throttle control plug in the throttle control slot of your receiver. Plug the BEC plug into your Auxiliary, or Battery control slot on you receiver.

Make sure the red wire with the heat shrink is up and out of the way. This is not supposed to be plugged into the receiver.

