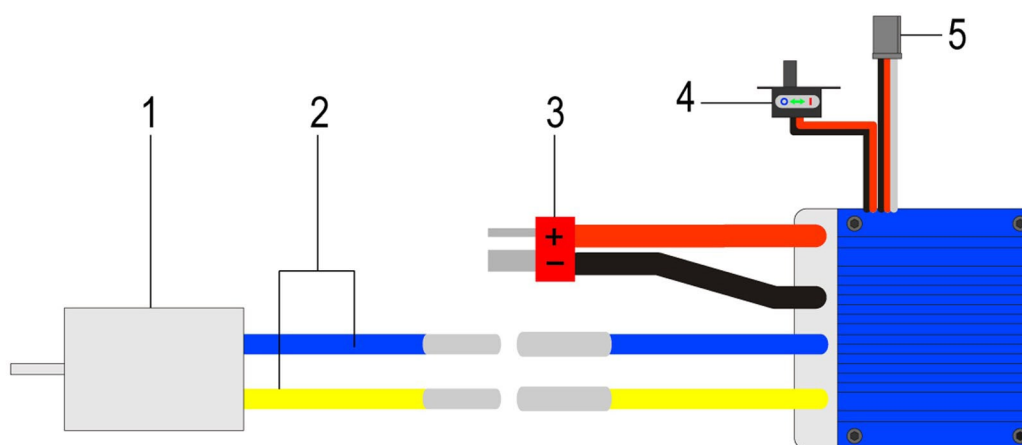




ETRONIX PROBE PLUS

FORWARD AND REVERSE ELECTRONIC BRUSHED SPEED CONTROLLER (ETO101)



Instructions For Use:

- Attach the speed controller to the vehicle, e.g. with double-faced adhesive tape or a piece of hook-and-loop tape.
- The speed controller should be installed in the car as far as possible away from the receiver.
- Connect the two motor connection cables (2) of the speed controller to those of the motor (1). If the motor is rotating in the wrong direction (depending on the transmission of the vehicle) simply swap the connections. The motor now rotates in the opposite direction.
- The on/off switch (4) should be attached so that it can be operated easily. Also use hook-and loop tape or double-sided tape for installation.
- Install all cables so that they cannot become entangled in rotating or moving parts of the vehicle. Use cable binders for fastening.
- Connect the three-pole plug of the speed controller (5) to the corresponding output of the receiver. Make sure the assignment on the receiver is correct (see operating instructions of the receiver as well as the information on the receiver).

White cable: Control signal
Red cable: Operating Voltage
Black cable: Minus/GND

! IMPORTANT
Brushed motor limit no lower than 14 turns



Set-up:

The Probe Plus has automatic throttle calibration



IMPORTANT

When switching the speed controller on, for safety reasons please ensure the vehicle is off the ground.

- 1. Make sure the Probe Plus is switched off and then connect a charged battery.**
- 2. Switch on transmitter.**
- 3. Switch on Probe Plus.**
The red LED will light momentarily whilst automatic calibration is in progress and will go out when this is complete.
- 4. If the motor goes backwards – first, check the motor wires are connected correctly. If they are then move the servo reverse switch on your transmitter to the opposite position and repeat the automatic calibration process.**
- 5. The Probe Plus is now ready to go!**

Function, Placement and Use:

- With the speed controller in neutral the LED will be off. The LED will light when the throttle position is moved into either the forward or the brake/reverse position.**
- Make sure the Etronix Probe Plus is secured safely in your model with good quality double-sided tape before using and that the air flow to the fan is not obstructed.**
- The power cap must be attached at all times or damage may occur.**
- Speed controller may become hot during use – be careful.**
- NEVER reverse the battery polarity to the speed controller – this will cause irreparable damage.**
- Do not adjust the small switch on the side of the speed controller case – this is a factory setting and should not be changed.**
- Always disconnect the battery when not in use.**
- If using with a 2S Lithium Polymer (LiPo) battery it is strongly advised to use an additional voltage cut-off unit to protect the battery.**
- This speed controller is NOT waterproof. If used in wet conditions, permanent damage could occur.**
- The speed control has a brushed motor limit of 14 turns. You must not use a motor lower than this or the speed control can be damaged.**

The Etronix Probe Plus is guaranteed to be free from defects in materials or workmanship for a period of 90 Days from the original date of purchase (verified by dated, itemised sales receipt). Warranty does not cover incorrect installation, components worn by use, damage to case or exposed circuit boards, damage due to timing, damage from using more than

3 Li-Po cells input voltage, cross-connection of battery/motor power wires, overheating solder tabs, reverse voltage application, improper use or installation of external BEC, damage resulting from thermal overload or short-circuiting motor, damage from incorrect installation of FET servo or receiver battery pack, tampering with internal electronics, allowing water, moisture, or any other foreign material to enter ESC or get onto the PC board, incorrect installation/wiring of input plug plastic, allowing exposed wiring or solder tabs to short-circuit, or any damage caused by a crash, flooding or natural disaster. Because Etronix has no control over the connection & use of the speed control or other related electronics, no liability may be assumed nor will be accepted for any damage resulting from the use of this product. Every Etronix speed control is thoroughly tested & cycled before leaving the manufacturer, and therefore considered operational. By the act of connecting/operating speed control, user accepts all resulting liability. In no case shall our liability exceed the product's original cost

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