



ITEM#: WRL-OPTO

powered by Western Robotics

Congratulations on your purchase of the Glitch Buster Opto-Isolator. This new Opto-Isolator is designed and manufactured in Canada. The Glitch Buster Opto-Isolator is universally designed to work with all popular brands of RC receivers and servos. It converts any RC electronic speed control (ESC) with a built-in battery eliminator circuit (BEC) to an opto-isolated input. This isolates any potentially harmful electrical noise from your ESC and motor away from your sensitive RC receiver, resulting in a glitch free operation. The Glitch Buster is to be used with a separate BEC that isolates the ESC power source from the receiver's power source.

**Please read the entire manual before proceeding. Before installation, be sure your radio system uses center red or positive receiver/servo connections.**

#### Features:

- Ultra compact opto-isolator that provides a "glitch free" RC receiver.
- Converts any RC ESC with a BEC to an opto-isolated input.
- Isolates harmful electrical noise from the ESC & motor to your radio receiver.
- L.E.D. status indicator gives visual feedback.
- Easy installation.
- Wide operating voltage range - 3V to 15V

#### Package Contents:

- Glitch Buster Opto-Isolator unit
- User Instruction Manual

#### Installation and Setup

1. Make sure to disconnect the power source to the receiver before continuing. Connect the ESC's receiver cable to the Glitch Buster's input female jack.
2. Connect the output male plug to your receiver where the ESC is normally connected to. Note, power is required to the receiver side when optically isolated.
3. Securely mount the Glitch Buster on your RC vehicle.
4. Reconnect the receiver power source and the Glitch Buster's RED LED should turn on to indicate receiver power present. GREEN LED indicates power on the ESC/Servo side is present.

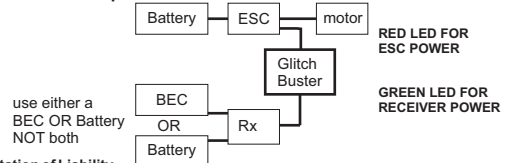
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#### Installation and Setup Cont'd

5. Now the Glitch Buster is actively isolating your receiver.

NOTE: You will need a separate battery pack or BEC to run the receiver.

#### Diagram of typical model setup:



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#### Limited Warranty (North America Only)

The Glitch Buster Opto-Isolator is guaranteed to be free from defects in material and workmanship for a period of 90 days from the date of purchase accompanied by the proof of purchase or invoice. Warranty does not cover damage due to improper use or incorrect installation.

During the 90 day warranty period, if the product shows defects caused by abuse, accident or misuse, it will be repaired or replaced upon Western Robotics Ltd. sole discretion, at a service charge not greater than 40% of the current retail list price. Please ensure to include your contact information before any repair(s) or replacement(s) can be conducted. Under no circumstances or condition will the purchaser be entitled to consequential or incidental damages. In no case shall our liability exceed the product's original cost. We reserve the right to modify warranty provision without notice. Because Western Robotics Ltd. has no control over connection and use of this product, no liability may be assumed nor will be accepted for damage resulting from the use of this product, user accepts all resulting liability. If you attempt to disassemble, modify or repair this unit yourself, it may void the warranty.

For warranty service on Western Robotics product(s) in, out or off warranty period, please send the defective unit(s) along with the proof of purchase and a description of the problem, postage paid, to the given address below.

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