

## Companion Nitro Servo Regulator

powered by Western Robotics

Congratulations on your purchase of the Companion Nitro Servo Regulator. This new Nitro Servo Regulator is designed and manufactured in Canada. The Companion Nitro Servo Regulator is universally designed to work with all popular brands of RC receivers and servos. It provides safe and consistent power to your RC receiver and servo(s) which allows it to perform at an optimum level. The Companion helps regulate and protect the receiver and servo(s) from higher voltage level sources such as from lithium polymer batteries. This power regulator is ideal for R/C cars and trucks that use 2 lithium batteries.

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

### Features:

- Compact high accuracy 6V voltage regulator.
- Protects against reversed input voltage polarity and Thermal/Current overloads.
- Ultra low voltage dropout of 300 mill Volts with high current capability of 3 Amps.
- Extremely fast protection against transient voltage spikes.
- L.E.D. status indicator gives visual feedback.
- Easy to install ON/OFF switch that fits any RC vehicle application.
- Wide input voltage range - 6V to 8.4V (5-7 NiCd/NiMH or 2 LiPo cells)

### Package Contents:

- Companion Nitro Servo Regulator unit with power switch

### Installation

1. Power Connections: Connect the Companion's open power wire connections by soldering the Red power wire to the positive (+) terminal of the battery source that is being used. Solder the Companion's Black power wire to the negative (-) terminal of the battery source.
2. Plug the Companion's voltage output plug into the battery slot of the receiver. Make sure the polarity is matching with the receiver slot before inserting the Companion's plug (black wire negative (-) and red wire positive (+)).

3. Securely mount the Companion unit on your RC vehicle.
4. Securely mount the Companion's On/Off switch to a convenient location on your RC vehicle with the provided screws. Optional: Place the On/Off switch front face plate on top of the switch before securing it with the provided screws.

### Setup

1. With the Companion installed and required servo(s) connected, turn on the transmitter.
2. Turn the Companion's On/Off switch to the "On" position.
3. The LED should turn on and then Companion Nitro Servo Regulator is supplying the regulated voltage to your RC vehicle.

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### Limited Warranty (North America Only)

The Companion Nitro Servo Regulator 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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