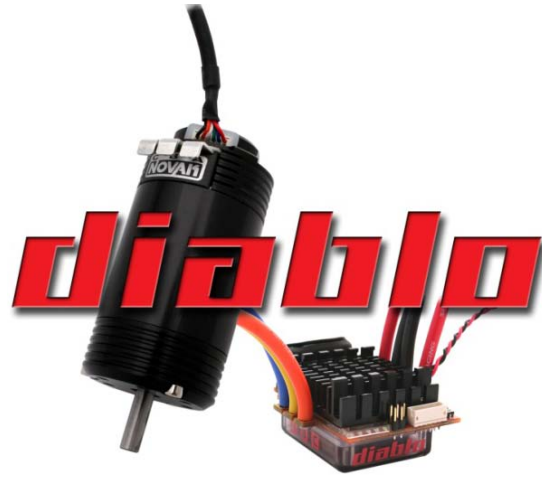




PRESS RELEASE

For Immediate Release

#3085 Diablo Dual Battery Brushless 550 System



TWICE THE FUN FOR DUAL PACK TRUCKS

Irvine, CA – November 17, 2011– Since the inception of the twin motor, dual battery monster truck platform, enthusiasts have been on the hunt for the perfect system to upgrade the power and runtime. Well, look no further! Novak is proud to introduce an all new brushless system for your twin battery monster truck—the **Diablo Dual Battery Brushless 550 System (#3085)**. Novak's Diablo brushless system was designed from the ground up to run from any dual 2S LiPo or dual 6-cell NiMH battery packs intended for full-sized 10th scale vehicles. Not only is the system a perfect fit for the Traxxas® E-Maxx™, HPI® E-Savage™ and other dual pack monster trucks, but it is ultra simple to operate, and packed full of cutting-edge features. All this at an unbelievable price point!

MADE FOR EACH OTHER

The Diablo System features the completely new **Diablo Dual Battery Brushless ESC**. While it may use the same heat sink and case as other popular Novak products, the similarities stop there. The internal components of this speed control are all new, and designed specifically for the high demands of monster truck bashing and thrashing. **Enhanced thermal protection, updated low-voltage protection, and Novak-Only Motor ID firmware** ensures that the Diablo system will remain safe and sound as you push your truck to the limit.

The perfect ESC requires the perfect motor, and the Diablo System utilizes the customized **Diablo 550 Brushless Sensored Motor**. Novak has chosen this special breed of brushless motor to provide power-hungry monster truck owners with the best balance of performance, reliability, and runtimes.

NOVAK'S NEW BASH BOOST

Novak's Bash Boost™ is a new feature that has been developed directly from race-proven technology found in Novak Electronics' competition product line. Bash Boost works similar to Novak's Dynamic Timing Advance. When the Diablo motor reaches the ideal RPM, and the throttle is in the correct position, the ESC will electronically advance the motor's timing firing sequences. What this does is gives the Diablo motor a kick-in-the-pants worth of RPM, and **makes your rig faster!** A lot faster!

THREE MODES TO CHOOSE FROM

Many monster truck drivers are not interested in complicated ESCs with a gigantic laundry list of features and adjustability. It's a monster truck. It needs smooth control and lots of power. The Diablo brushless system offers Novak's most simple tuning options yet! You can select from three, very distinct driving modes:

- **Default:** Provides full forward driving power with limited (50%) reverse and full brakes for all around fun and long runtimes. Includes Novak's Bash Boost™ for extreme, top-end power.
- **Standard:** Unleash the full power of the Diablo system. The standard mode provides full forward driving power including Bash Boost™ at full throttle for a boost of acceleration. Reverse is not limited and there are full brakes.
- **Limited:** This is an ideal training mode, or when you let a friend drive your truck for the first time.

OTHER COOL FEATURES

The Diablo is also equipped with Novak's **Smart-Stop Dual LiPo Cut-Off Circuitry**. This new form of LiPo battery protection allows you to operate your truck un-interrupted until the batteries die. The circuitry works so well, you may think you've driven your truck too long— there is no abrupt cut off or throttle interruption when your voltage cut-off is reached. The Diablo ESC will simply decrease the power to the motor, bringing the vehicle to a gradual stop.

Another feature that is built-in to the Diablo ESC is an all-new **Launch Limit™**. As many of these dual-pack trucks are big and heavy, they cause a huge drain on the battery packs. Even the best racing packs can have a hard time keeping up with the demands of these rigs. To minimize battery pack heating or damage, the Diablo's Launch Limit restricts the trigger speed— our version of automatic self control! Mash the gas and hold on tight! Your rig will rip away with from you with shocking control and poise, keeping your hard-to-handle rig under control. If you're already a throttle control expert, the Diablo's Launch Limit can be disabled for un-adulterated wheel spinning good time!

The Diablo ESC wouldn't be complete without **Novak X-Drive™**. This all new hardware and firmware upgrade recently introduced in Novak's Havoc Pro SC ESC is included for enhanced throttle response, ultra smooth power delivery, higher top speeds, and cooler operating temperatures. Once you have driven a rig using Novak's X-Drive, you will never want to drive without it.

So if you're looking for a power upgrade to your shiny new dual battery / brushed motor monster truck, or you're getting out your classic E-Maxx™ for a refresher, check out Novak's newest offering designed for the high-voltage brushless basher world, the **Diablo Dual Battery Brushless 550 System (#3085)**. This full-featured and purpose-built system is scheduled to ship **January 2012!**

FEATURES

- ✓ Designed specifically for dual-battery pack vehicles such as the Traxxas® E-Maxx™
- ✓ Sensor-based system for excellent torque and low-speed drivability
- ✓ Plug-and-Play: Factory-wired with genuine Traxxas® battery plugs & gold-plated Bullet motor plugs
- ✓ 3 Throttle Modes: Default, Standard, and a Limited Mode (ideal for beginners)
- ✓ Novak-developed Bash Boost™ for an extra burst of power at full throttle
- ✓ Novak X-Drive™ provides enhanced throttle response, ultra smooth power delivery, higher top speeds, and cooler operating temperatures
- ✓ Novak's Launch Limit™ to minimize battery pack heating and damage, and to maximize run time
- ✓ Novak's One-Touch Set-Up™ for quick and easy transmitter set-up
- ✓ Novak's Smart Braking II™ enables users to "shift" from forward to reverse
- ✓ Water-resistant case with protective silicone gasketed seal to help keep out the elements
- ✓ Smart-Stop Dual LiPo Cut-Off Circuitry independently monitors both battery packs
- ✓ Robust 3-amp BEC for strong and fast steering response under any condition
- ✓ Thermal Overload Protection circuitry to protect the Diablo ESC and motor from overheating
- ✓ Built-in diagnostic temperature monitoring that lets you quickly check the ESC's temperature at any time
- ✓ On-board Hall Sensor Test to easily and quickly verify that the motor's sensors are working properly
- ✓ Included cooling fan and factory-installed, cross-cut heat sink for cool operation
- ✓ On-board power capacitors—no external module
- ✓ User-replaceable input harness
- ✓ Rebuildable motor based on Novak's proven Ballistic 550
- ✓ Carries Team Novak's commitment to excellent quality, support and warranty (120 days).
- ✓ Designed and manufactured by Team Novak in Irvine, California using the best components from around the globe. All items are 100% tested to ensure your system works right out of the box and on the track!

SPECIFICATIONS

DIABLO ESC SPECIFICATIONS	
Fwd/Brk/Rev	F / B / R
Input Cells	Dual 2S LiPo or Dual 6-cell NiMH
Size	1.16" x 1.47" x 0.70" (29.5 x 37.3 x 17.8mm)
Weight (w/o wires)	1.29 oz. (36.6 g) [System Weight: 12.6 oz, 357g]
On-Resistance	0.0004 ohms
Motor Compatibility	Diablo Sensored Brushless Motor only
BEC	6 Volts / 3.0 Amps
Wire Size	14G Silicone Wire with Traxxas battery and gold-plated Bullet motor plugs factory installed
Status LEDs	5 (multi-colored)

DIABLO MOTOR SPECIFICATIONS	
Design	Sensored
Size:	550. 2.84"D x 1.41"L (72.1 x 35.8mm)
Weight	10.1 oz. (286.3 g)
Shaft Diameter	5mm
Magnet	One-piece, multi-pole Sintered Neodymium

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