New! Reedy Blackbox 850R Competition 1:8 ESC

Reedy's highly anticipated Blackbox 850R Competition 1:8 ESC is now available to racers worldwide!

Track-tested and competition proven, Reedy's Blackbox 850R is a versatile and powerful ESC capable of winning at the highest levels of competition. A wide range of precision adjustability, excellent throttle and brake feel, and durable high-quality hardware make the Blackbox 850R perfectly suited for 1:8 Buggy and Truggy applications.

The 850R comes pre-programmed with settings that are suitable for most applications and track conditions. But by utilizing the Blackbox PROgrammer2, the full potential of the 850R can be exploited. In addition to working as an ESC programmer, it functions as a battery monitor and USB firmware update device.

Features

- CNC-machined black aluminum case with integrated heat sink
- Fully adjustable brake, throttle, power, and safety functions*
- Precision throttle and brake control
- Ultra-low resistance FET board
- Solder tabs with heavy-duty power wires
- Integrated power capacitors
- 30mm fan
- RPM and ESC temp data logging*
- Firmware updateable*

Requires #27027 Blackbox PROgrammer2

Blackbox 850R Specifications

Voltage input		2S-6S LiPo
On resistance (mΩ)		0.36
Continuous current (A)		150
Dimensions w/o fan (mm)		56 x 46 x 37
Weight w/o wires and fan (g)		131
Motor limit	4S	3000kV
	6S	2400kV
BEC		6.0-7.4V/5A
Fan		Integrated

See next page for functions that can be modified and saved using the Blackbox PROgrammer2.

#27007 Reedy Blackbox 850R Competition 1:8 ESC functions

Brakes
Overall brake strength, frequency, drag brake, initial brake, and punch can be fine-tuned to the perfect brake performance and feel.

Throttle
Drive frequency, punch control, and dead band adjustability make the ideal setup possible regardless of the type of motor selected and vehicle being raced.

Motor Power
Timing adjustability can be useful on larger tracks or where a slight increase in power and top speed can help experienced racers reduce lap times.

Miscellaneous Control
Select between Forward/Brake or Forward/Brake/Reverse mode and adjust the BEC output voltage depending on the type of servo used and desired servo speed. Adjust the desired low voltage cutoff or disable it completely. The temperature at which the ESC cuts motor power due to overheating can also be adjusted or disabled. Reversing the rotation of the motor is also possible.

The Blackbox Programmer2 that was included with our ESC is compatible with the standard firmware installed in your 850R ESC as well as the standard firmware installed in the 510R ESC. If you have purchased your Programmer2 separately, or plan to use one that originally came with a 510R ESC, please confirm that firmware version EE460120 is installed.

UPC: 784695 270079	#27007	Blackbox 850R Competition 1:8 ESC	MSRP: $319.99	**BUY NOW!**
784695 270086	#27008	Blackbox 850R Competition 1:8 ESC w/PROgrammer2	$383.99	*Available: Jan '18*
784695 270321	#27032	Blackbox 850R 30x30x10mm Fan, with screws	$21.99	*Available: Jan '18*