

# BLACKBOX 850R

## ELECTRONICS SET-UP SHEET

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

**DRIVER:** Spencer Rivkin

**EVENT:** 2018 Dirt Nitro Challenge

**TRACK:** Fear Farm

**DATE:** 2/24/2018

**VEHICLE:** RC8B3.1e

**CONDITIONS:** Outdoors, dirt, large, dusty, rough

**BATTERY:** #27328 Reedy Zapper SG 6400 mAh **TEMP:** 50F

**ESC INFO**

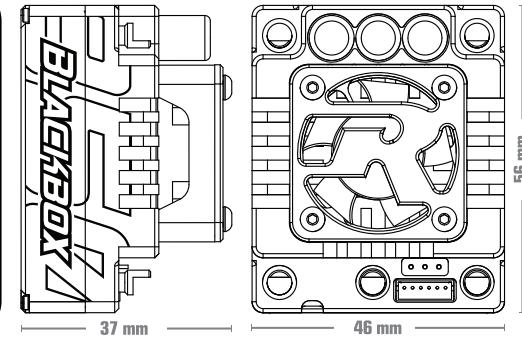
FIRMWARE:	C468210
WIRE SIZE:	12 AWG

**MOTOR POWER**

4A TIMING LEVEL:	Level 0
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**MOTOR SETTINGS**

MOTOR:	Reedy Sonic 866
KV RATING:	#27405 1900kV
ROTOR:	#27409 Low Torque
FDR/ROLLOUT:	16 / 46
TEMPERATURE:	140F



**BRAKE**

1A DRAG BRAKE:	0%
1B BRAKE STRGTH:	70%
1C INIT BRAKE:	Drag Brake
1D BRAKE FREQ:	2KHz
1E BRAKE PUNCH:	Level 3

**MISC CONTROL**

5A RUN MODE:	<input checked="" type="radio"/> F/B <input type="radio"/> F/B/R
5B REVERSE PWR:	<input checked="" type="radio"/> 25% <input type="radio"/> 50% <input type="radio"/> 75% <input type="radio"/> 100%
5C BATT CUTOFF:	<input type="radio"/> NONE <input checked="" type="radio"/> 3.2V/CELL <input type="radio"/> 3.4V/CELL
5D ESC TEMP CUT:	<input type="radio"/> OFF <input checked="" type="radio"/> 212F/100C
5E MOT ROTATION:	<input checked="" type="radio"/> NORMAL <input type="radio"/> REVERSE
5F BEC VOLTAGE:	<input checked="" type="radio"/> 6.0V <input type="radio"/> 7.4V

**THROTTLE**

3A PUNCH CTRL:	Level 5
3B DRIVE FREQ:	12Khz
3C DEAD BAND:	12%

**RADIO SETTINGS**

THROTTLE EPA:	100%
BRAKE EPA:	95%
THROTTLE EXPO:	0%
BRAKE EXPO:	0%



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