

# BLACKBOX 510R

## ELECTRONICS SET-UP SHEET

Voltage input:	2S LiPo
On resistance (Ω)	0.105
Continuous current (A)	150
Dimensions (mm)	38.5 x 36.9 x 19.5
Weight w/o wires & fan (g)	44
Motor limit	3.5T
BEC	6.0 - 7.4V / 5A

DRIVER: Spencer Rivkin

EVENT: JConcepts Stock Nationals

TRACK: OCRC Raceway

DATE: April 29, 2018

VEHICLE: RC10B64D

CONDITIONS: Indoors, dirt, damp, medium-grip, hard packed

BATTERY: #27322 Reedy Zappers SG 4800 mAh 110C

TEMP: N/A

### ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Stock

FAN: #27028 7 mm

WIRE SIZE: 13

### THROTTLE

3A PUNCH CTRL: Level 6

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 8 KHz

3D DEAD BAND: 6%

3E CURRENT LIMIT: 100%

### MISC CONTROL

6A RUN MODE:  F/B  F/B/R

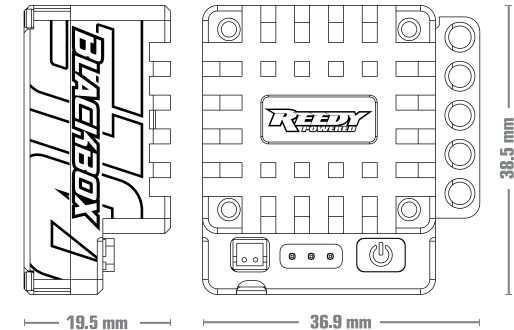
6B REVERSE PWR:  25%  50%  75%  100%

6C BATT CUTOFF:  NONE  3.2V/CELL  3.4V/CELL

6D ESC TEMP CUT:  OFF  176F/80C  194F/90C

6E MOT ROTATION:  NORMAL  REVERSE

6F BEC VOLTAGE:  6.0V  7.4V



### BRAKE

1A DRAG BRAKE: 2%

1B BRAKE STRNGTH: 85%

1C INIT BRAKE: 0%

1D DRAG FREQ: 1.5 KHz

1E BRAKE FREQ: 2.5 KHz

1F BRAKE PUNCH: Level 4

### MOTOR POWER

EXPERT

4A BOOST TIMING:           

4B BOOST ST RPM:           

4C BOOST END RPM:           

4D B. TH LIMIT:           

4E TURBO TIMING:           

4F TURBO ST RPM:           

4G TURBO ACT:           

4H TURBO DELAY:           

4J SLEW RATE:           

4K RELEASE RATE:           

### MOTOR SETTINGS

MOTOR: Reedy S+

WIND: 13.5

TIMING: 36\*

ROTOR: #27414 S+

FDR/ROLLOUT: 24 / 81

TEMPERATURE: N/A

### DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG:           

2B DRAG SW RPM:           

2C MAX DDRAG RPM:           

2D DRAG REL RATE:           

### STANDARD

5A TIMING LEVEL: Level 0

### NOTES:

- Fan On Motor
- Brake Dual Rate = 92%



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