

# 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: Ron DeVoll

EVENT: JBRL Round #6

TRACK: SDRC Raceway

DATE: October 17, 2020

VEHICLE: RC10B74.1D

CONDITIONS: Indoors, dirt, high grip, medium size, technical

BATTERY: #27347 Reedy Zappers SG3 6100 mAh 85C 7.6v Shorty

TEMP: \_\_\_\_\_

### ESC INFO

FIRMWARE: B468313

CAPACITOR TYPE: Stock

FAN: None

WIRE SIZE: 13 AWG

### THROTTLE

3A PUNCH CTRL: Level2

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 24kHz

3D DEAD BAND: 6%

3E CURRENT LIMIT: 90%

### MISC CONTROL

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

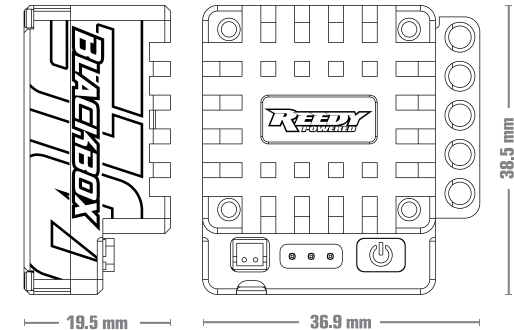
6B REVERSE PWR:  25%  50%  75%  100%

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: 12%

1B BRAKE STRNGTH: 80%

1C INIT BRAKE: =DragBrake

1D DRAG FREQ: 1.5kHz

1E BRAKE FREQ: 1.5kHz

1F BRAKE PUNCH: Level6

### MOTOR POWER

EXPERT

4A BOOST TIMING: 0\*

4B BOOST ST RPM: N/A

4C BOOST END RPM: N/A

4D B. TH LIMIT: N/A

4E TURBO TIMING: 5\*

4F TURBO ST RPM: 25,000

4G TURBO ACT: =FullTh

4H TURBO DELAY: Off

4J SLEW RATE: 8\*/0.1sec

4K RELEASE RATE: 8\*/0.1sec

### MOTOR SETTINGS

MOTOR: Reedy Sonic M4

WIND: #27445 6.0T

TIMING: 20\*

ROTOR: #27448 12.5 x 5.0

FDR/ROLLOUT: 19 / 78

TEMPERATURE: \_\_\_\_\_

### DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG: 0%

2B DRAG SW RPM: 30,000

2C MAX DDRAG RPM: 45,000

2D DRAG REL RATE: 2000

### STANDARD

5A TIMING LEVEL: \_\_\_\_\_

### NOTES:

Brake Dual Rate = 85%

#27457 Reedy HV 30mm Aluminum Motor Fan



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