

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: Brent Thielke EVENT: Team Associated Top Gun Shootout TRACK: SDRC Raceway DATE: December 8, 2019

VEHICLE: T6.1 CONDITIONS: Indoors, dirt, high grip, tight BATTERY: #27336 Reedy Zapper 5800mah 80C TEMP: N/A

ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Stock

FAN: None

WIRE SIZE: 13 AWG

THROTTLE

3A PUNCH CTRL: Level 6

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 6 KHz

3D DEAD BAND: 8%

3E CURRENT LIMIT: 100%

MISC CONTROL

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

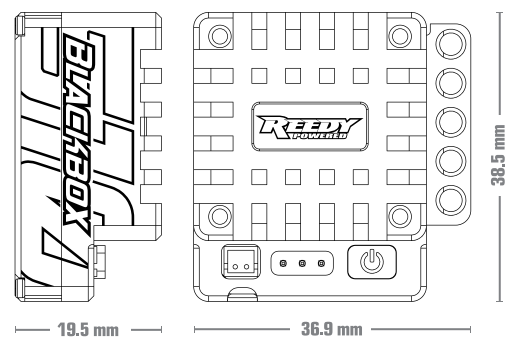
6B REVERSE PWR: 25% 50% 75% 100%

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: 12%

1B BRAKE STRNGTH: 80%

1C INIT BRAKE: 0%

1D DRAG FREQ: 1.5 KHz

1E BRAKE FREQ: 3 KHz

1F BRAKE PUNCH: Level 1

MOTOR POWER

EXPERT

4A BOOST TIMING: 0

4B BOOST ST RPM: 5,000

4C BOOST END RPM: 27,000

4D B. TH LIMIT: Off

4E TURBO TIMING: 0deg

4F TURBO ST RPM: 30,000

4G TURBO ACT: Full TH

4H TURBO DELAY: Off

4J SLEW RATE: 6deg/0.1s

4K RELEASE RATE: 9deg/0.1s

STANDARD

5A TIMING LEVEL: _____

MOTOR SETTINGS

MOTOR: Reedy S-Plus

WIND: #27403 13.5T

TIMING: 40*

ROTOR: #27414 Standard

FDR/ROLLOUT: 21 / 81

TEMPERATURE: 105*

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG: 0%

2B DRAG SW RPM: 30,000

2C MAX DDRAG RPM: 45,000

2D DRAG REL RATE: 2000RPM%

RADIO SETTINGS

THROTTLE EPA: 100%

BRAKE EPA: 92%

THROTTLE EXPO: 0

BRAKE EXPO: 0

NOTES: #27423 Reedy HV Motor Fan