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: Nick Wautlet **EVENT:** 2018 Stock Nationals **TRACK:** OCRC Raceway **DATE:** 6/4/18

VEHICLE: SC6.1 **CONDITIONS:** Indoor, Clay, high Grip **BATTERY:** #27322 Reedy SG Zapper **TEMP:** 120

ESC INFO

FIRMWARE:	B468314
CAPACITOR TYPE:	#27024
FAN:	None
WIRE SIZE:	13awg

BRAKE

1A DRAG BRAKE:	8%
1B BRAKE STRNGTH:	85%
1C INIT BRAKE:	Drag brake
1D DRAG FREQ:	Brake Freq.
1E BRAKE FREQ:	2KHz
1F BRAKE PUNCH:	Level 4

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG:	N/A
2B DRAG SW RPM:	N/A
2C MAX DDRAG RPM:	N/A
2D DRAG REL RATE:	N/A

THROTTLE

3A PUNCH CTRL:	Level 8
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	6KHz
3D DEAD BAND:	3%
3E CURRENT LIMIT:	100%

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:	

○ STANDARD

5A TIMING LEVEL:	Level 0

MISC CONTROL

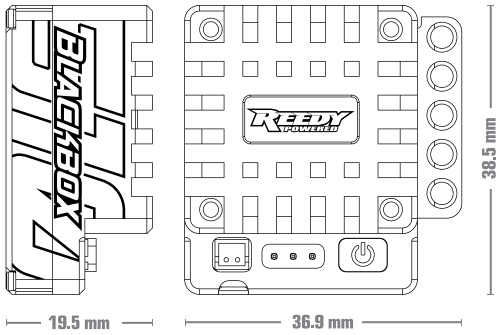
6A RUN MODE:	◉ F/B ○ F/B/R
6B REVERSE PWR:	◉ 25% ○ 50% ○ 75% ○ 100%
6C BATT CUTOFF:	◉ NONE ○ 3.2V/CELL ○ 3.4V/CELL
6D ESC TEMP CUT:	◉ OFF ○ 176F/80C ○ 194F/90C
6E MOT ROTATION:	◉ NORMAL ○ REVERSE
6F BEC VOLTAGE:	◉ 6.0V ○ 7.4V

MOTOR SETTINGS

MOTOR:	Reedy S-Plus
WIND:	17.5
TIMING:	43
ROTOR:	#27414
FDR/ROLLOUT:	24/81
TEMPERATURE:	110

RADIO SETTINGS

THROTTLE EPA:	100
BRAKE EPA:	85
THROTTLE EXPO:	0
BRAKE EXPO:	0



NOTES:

Started 2nd, finished 1st in Expert Stock SC

30 TIME REEDY

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