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: John Schultz **EVENT:** King of the Streets **TRACK:** 132' Asphalt **DATE:** 2/29/20

VEHICLE: AE DR10 **CONDITIONS:** Medium grip asphalt **BATTERY:** Reedy Zappers SG3 8200 115C #27344 **TEMP:** 75F

ESC INFO

FIRMWARE:	EE460124
CAPACITOR TYPE:	Pro Modified
FAN:	30x30x10 #27031
WIRE SIZE:	12-gauge

BRAKE

1A DRAG BRAKE:	10
1B BRAKE STRNGTH:	50
1C INIT BRAKE:	0
1D DRAG FREQ:	1.5
1E BRAKE FREQ:	4
1F BRAKE PUNCH:	1

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG:	0
2B DRAG SW RPM:	30000
2C MAX DDRAG RPM:	500000
2D DRAG REL RATE:	2000

THROTTLE

3A PUNCH CTRL:	1
3B INIT THROTTLE:	0
3C DRIVE FREQ:	32
3D DEAD BAND:	2
3E CURRENT LIMIT:	51

MOTOR POWER

(•) EXPERT

4A BOOST TIMING:	47
4B BOOST ST RPM:	27000
4C BOOST END RPM:	60000
4D B. TH LIMIT:	Off
4E TURBO TIMING:	60
4F TURBO ST RPM:	34000
4G TURBO ACT:	Full TH
4H TURBO DELAY:	.10
4J SLEW RATE:	8deg/0.1
4K RELEASE RATE:	8deg/0.1

( ) STANDARD

5A TIMING LEVEL:	

MISC CONTROL

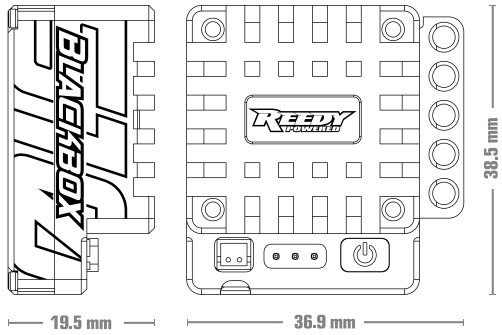
6A RUN MODE:	( ) F/B (•) F/B/R
6B REVERSE PWR:	( ) 25% (•) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	(•) NONE ( ) 3.2V/CELL ( ) 3.4V/CELL
6D ESC TEMP CUT:	(•) OFF ( ) 176F/80C ( ) 194F/90C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	( ) 6.0V (•) 7.4V

MOTOR SETTINGS

MOTOR:	Reedy Sonic 540-M4
WIND:	4.5
TIMING:	30deg
ROTOR:	12.5 #27448
FDR/ROLLOUT:	N/A
TEMPERATURE:	N/A

RADIO SETTINGS

THROTTLE EPA:	115
BRAKE EPA:	100
THROTTLE EXPO:	0
BRAKE EXPO:	0



NOTES:

30 TIME REEDY

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