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: Jamie/Tommy Hall **EVENT:** _____ **TRACK:** Silverstone, Junction 16 **DATE:** _____

VEHICLE: B6.3 **CONDITIONS:** Indoor carpet **BATTERY:** Reedy Zapper 4100mAh **TEMP:** _____

ESC INFO

FIRMWARE:	B468316
CAPACITOR TYPE:	standard
FAN:	Centro
WIRE SIZE:	13AWG

BRAKE

1A DRAG BRAKE:	12%
1B BRAKE STRNGTH:	100%
1C INIT BRAKE:	Drag brake
1D DRAG FREQ:	Brake frequency
1E BRAKE FREQ:	3k
1F BRAKE PUNCH:	3

DYNAMIC DRAG BRAKE

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

THROTTLE

3A PUNCH CTRL:	4
3B INIT THROTTLE:	0
3C DRIVE FREQ:	12k
3D DEAD BAND:	6%
3E CURRENT LIMIT:	100%

MOTOR POWER

(•) EXPERT

4A BOOST TIMING:	0
4B BOOST ST RPM:	15000
4C BOOST END RPM:	40000
4D B. TH LIMIT:	off
4E TURBO TIMING:	3 - 10 (track layout)
4F TURBO ST RPM:	25000
4G TURBO ACT:	full throttle
4H TURBO DELAY:	off
4J SLEW RATE:	8 deg/0.1s
4K RELEASE RATE:	8 deg/0.1s

( ) STANDARD

5A TIMING LEVEL:	

MISC CONTROL

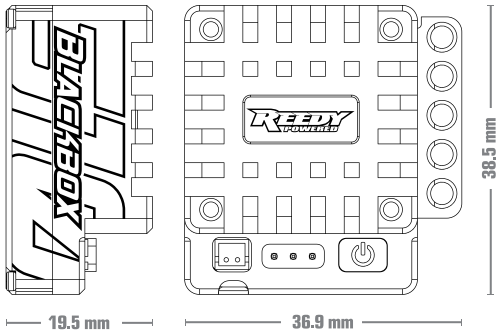
6A RUN MODE:	(•) F/B ( ) F/B/R
6B REVERSE PWR:	( ) 25% ( ) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	(•) NONE ( ) 3.2V/CELL ( ) 3.4V/CELL
6D ESC TEMP CUT:	(•) OFF ( ) 176F/80C ( ) 194F/90C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	(•) 6.0V ( ) 7.4V

MOTOR SETTINGS

MOTOR:	Reedy Sonic M4
WIND:	5.5
TIMING:	20
ROTOR:	standard
FDR/ROLLOUT:	
TEMPERATURE:	

RADIO SETTINGS

THROTTLE EPA:	100%
BRAKE EPA:	90 - 100% (track layout)
THROTTLE EXPO:	0
BRAKE EXPO:	0



NOTES:

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