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: Karri Salmela **EVENT:** Finnish Touring Nationals rd. 3 **TRACK:** FSRC **DATE:** 2/16/2018

VEHICLE: Team Associated TC7.2 **CONDITIONS:** Indoor carpet **BATTERY:** #27338 LP Shorty 4100mAh SG2 **TEMP:** 22

ESC INFO

FIRMWARE:	B468314
CAPACITOR TYPE:	Kit
FAN:	Yes 7mm
WIRE SIZE:	13awg

BRAKE

1A DRAG BRAKE:	0%
1B BRAKE STRNGTH:	75%
1C INIT BRAKE:	Drag Brake
1D DRAG FREQ:	Brk Freq
1E BRAKE FREQ:	6KHz
1F BRAKE PUNCH:	Level 1

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG:	0%
2B DRAG SW RPM:	30 000
2C MAX DDRAG RPM:	45 000
2D DRAG REL RATE:	2000RPM

THROTTLE

3A PUNCH CTRL:	Level 1
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	12KHz
3D DEAD BAND:	4%
3E CURRENT LIMIT:	92%

MOTOR POWER

EXPERT

4A BOOST TIMING:	1deg
4B BOOST ST RPM:	6 000
4C BOOST END RPM:	30 000
4D B. TH LIMIT:	Off
4E TURBO TIMING:	26deg
4F TURBO ST RPM:	22 000
4G TURBO ACT:	Full TH
4H TURBO DELAY:	Off
4J SLEW RATE:	3deg/0.1s
4K RELEASE RATE:	3deg/0.1s

STANDARD

5A TIMING LEVEL:	

MISC CONTROL

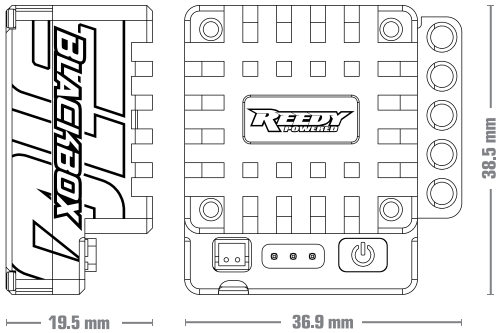
6A RUN MODE:	(•) F/B ( ) F/B/R
6B REVERSE PWR:	(•) 25% ( ) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	( ) NONE ( ) 3.2V/CELL (•) 3.4V/CELL
6D ESC TEMP CUT:	( ) OFF ( ) 176F/80C (•) 194F/90C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	(•) 6.0V ( ) 7.4V

MOTOR SETTINGS

MOTOR:	Reedy M3
WIND:	5.5
TIMING:	18deg
ROTOR:	12.5mm
FDR/ROLLOUT:	7.57
TEMPERATURE:	67C

RADIO SETTINGS

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



NOTES:

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