

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: Practice

TRACK: FullSpeedRC indoor turf

DATE: 10/10/18

VEHICLE: B6.1

CONDITIONS: Indoor dry

BATTERY: #27324 Reedy LP 3600 Zapper

TEMP: 22C

ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Kki

FAN: Reedy 7mm

WIRE SIZE: 13awg

THROTTLE

3A PUNCH CTRL: 2

3B INIT THROTTLE: 4%

3C DRIVE FREQ: 16KHz

3D DEAD BAND: 6%

3E CURRENT LIMIT: 90%

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: 20%

1B BRAKE STRNGTH: 100%

1C INIT BRAKE: 0%

1D DRAG FREQ: Brk Freq

1E BRAKE FREQ: 6KHz

1F BRAKE PUNCH: 1

MOTOR POWER

EXPERT

4A BOOST TIMING: 7deg

4B BOOST ST RPM: 10 000RPM

4C BOOST END RPM: 35 000RPM

4D B. TH LIMIT: Off

4E TURBO TIMING: 30deg

4F TURBO ST RPM: 21 000RPM

4G TURBO ACT: Full TH

4H TURBO DELAY: Off

4J SLEW RATE: 10deg/0,1s

4K RELEASE RATE: RPM

STANDARD

5A TIMING LEVEL:

MOTOR SETTINGS

MOTOR: Reedy M3

WIND: 6.5

TIMING: 20

ROTOR: 12,5mm #275

FDR/ROLLOUT: 22/81

TEMPERATURE: 80C

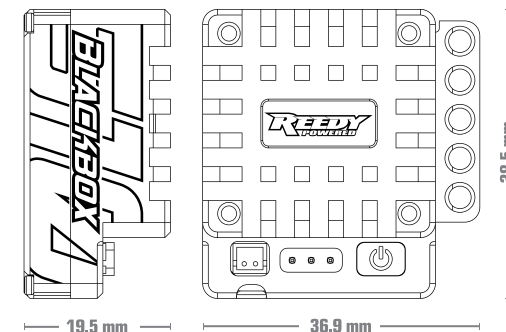
RADIO SETTINGS

THROTTLE EPA: 100

BRAKE EPA: 100

THROTTLE EXPO: 0

BRAKE EXPO: 0



NOTES:

- Sharp and smooth.
- Fan for motor also.



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