

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: Brent Thielke EVENT: 3rd Annual Las Vegas Carpet Championship TRACK: 702 R/C Raceway DATE: March 18, 2018

VEHICLE: RC10B6.1 CONDITIONS: Indoors, carpet, high grip, small BATTERY: #27325 Reedy Zappers SG 4000 mAh 80C TEMP: N/A

ESC INFO

FIRMWARE: B468314

CAPACITOR TYPE: Stock

FAN: #27028 Blackbox 7 mm

WIRE SIZE: 13

THROTTLE

3A PUNCH CTRL: Level 3

3B INIT THROTTLE: 0%

3C DRIVE FREQ: 16 KHz

3D DEAD BAND: 10%

3E CURRENT LIMIT: 100%

MISC CONTROL

6A RUN MODE: F/B F/B/R

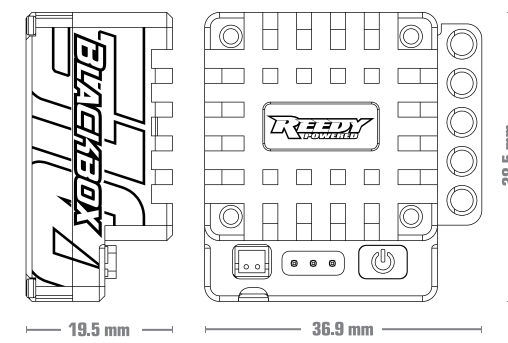
6B REVERSE PWR: 25% 50% 75% 100%

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: 18%

1B BRAKE STRNGTH: 90%

1C INIT BRAKE: 6%

1D DRAG FREQ: 1 KHz

1E BRAKE FREQ: 1 KHz

1F BRAKE PUNCH: Level 2

MOTOR POWER

EXPERT

4A BOOST TIMING: 3deg

4B BOOST ST RPM: 15,000

4C BOOST END RPM: 25,000

4D B. TH LIMIT: Off

4E TURBO TIMING: 12deg

4F TURBO ST RPM: 25,000

4G TURBO ACT: Full TH

4H TURBO DELAY: Off

4J SLEW RATE: Fastest

4K RELEASE RATE: 8 deg/0.1s

STANDARD

5A TIMING LEVEL: _____

MOTOR SETTINGS

MOTOR: Reedy M3

WIND: 6.5

TIMING: 18*

ROTOR: #275 12.5 Mod

FDR/ROLLOUT: 22 / 81

TEMPERATURE: N/A

DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG: 0%

2B DRAG SW RPM: 30,000

2C MAX DDRAG RPM: 45,000

2D DRAG REL RATE: 2,000 RPM

RADIO SETTINGS

THROTTLE EPA: 100%

BRAKE EPA: 100%

THROTTLE EXPO: 0%

BRAKE EXPO: 0%

NOTES: - Brake Dual Rate = 95%