

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: Masters of Dirt TRACK: BeachRC DATE: 10/25/2020

VEHICLE: RC10B74.1D CONDITIONS: Indoors, dirt, large size, high grip BATTERY: #27347 Reedy Zapper 6100 mAh 85C SG3 TEMP: 60F

ESC INFO

FIRMWARE:

CAPACITOR TYPE:

FAN:

WIRE SIZE:

THROTTLE

3A PUNCH CTRL:

3B INIT THROTTLE:

3C DRIVE FREQ:

3D DEAD BAND:

3E CURRENT LIMIT:

MISC CONTROL

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

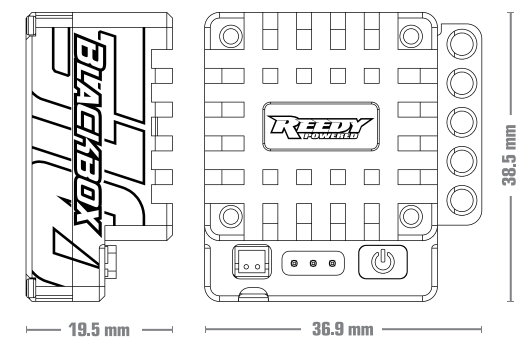
6B REVERSE PWR: 25% 50% 75% 100%

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:

1B BRAKE STRNGTH:

1C INIT BRAKE:

1D DRAG FREQ:

1E BRAKE FREQ:

1F BRAKE PUNCH:

MOTOR POWER

EXPERT

4A BOOST TIMING:

4B BOOST ST RPM:

4C BOOST END RPM:

4D B. TH LIMIT:

4E TURBO TIMING:

4F TURBO ST RPM:

4G TURBO ACT:

4H TURBO DELAY:

4J SLEW RATE:

4K RELEASE RATE:

STANDARD

5A TIMING LEVEL:

MOTOR SETTINGS

MOTOR:

WIND:

TIMING:

ROTOR:

FDR/ROLLOUT:

TEMPERATURE:

DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG:

2B DRAG SW RPM:

2C MAX DDRAG RPM:

2D DRAG REL RATE:

RADIO SETTINGS

THROTTLE EPA:

BRAKE EPA:

THROTTLE EXPO:

BRAKE EXPO:

NOTES:

- Use Dual Rate instead of Brake EPA for push brake adjustment.
- Brake Dual Rate = 95%.



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