

# 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: Blake Champlin      EVENT: Club Racing      TRACK: 702 RC Raceway      DATE: 6/2/20

VEHICLE: RC10B6.2      CONDITIONS: Black CRC Carpet      BATTERY: #27349 Reedy Zapper SG3 4100mah      TEMP: 65°F

### 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

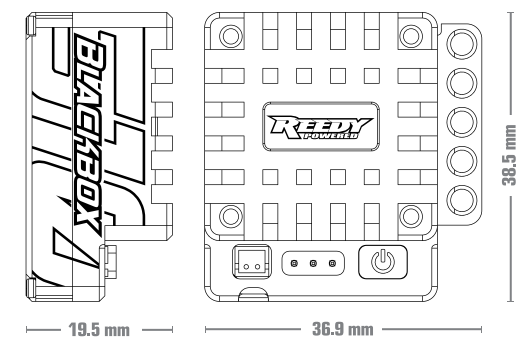
6B REVERSE PWR:  25%    50%    75%    100%

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 DRAG 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:**

Two #27423 Reedy HV Motor Fans mounted on both ends of the motor and plugged into the receiver. Fans were angled away from side guards to increase air flow.

#27109 Reedy RT1408 LP Digital HV Servo