

# 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: Dustin Evans      EVENT: AstroTurf Baseline      TRACK: MHOR R/C Raceway      DATE: Summer 2020

VEHICLE: Team Associated RC10B6.2      CONDITIONS: Outdoors, large size, medium-high grip      BATTERY: #27349 Reedy Zapper SG3 4100 mAh 85C 7.6v      TEMP: 70\*-90°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

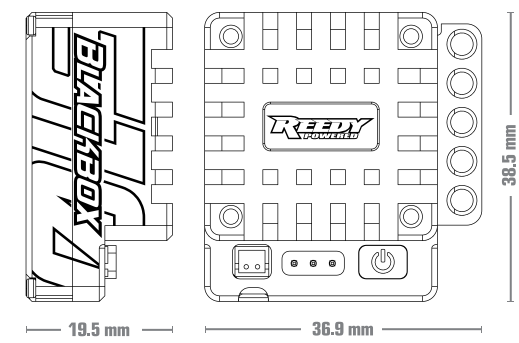
6B REVERSE PWR:  25%    50%    75%    100%

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: -----

#27457 Reedy HV 30mm Aluminum Motor Fan