

# BLACKBOX S10R

## 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: Cole Tollar      EVENT: ROAR 1:10 Electric Off-Road National Championships      TRACK: The Track      DATE: August 29, 2021

VEHICLE: T6.2      CONDITIONS: Indoors, dirt, high grip, tight      BATTERY: #27363 Reedy Zapper SG4 6100mah 80C      TEMP: N/A

### ESC INFO

|                 |                   |
|-----------------|-------------------|
| FIRMWARE:       | B468314           |
| CAPACITOR TYPE: | Stock             |
| FAN:            | #27031 Reedy 10mm |
| WIRE SIZE:      | 13 AWG            |

### BRAKE

|                    |         |
|--------------------|---------|
| 1A DRAG BRAKE:     | 4%      |
| 1B BRAKE STRENGTH: | 85%     |
| 1C INIT BRAKE:     | 0%      |
| 1D DRAG FREQ:      | 1.5 KHZ |
| 1E BRAKE FREQ:     | 2.5 KHZ |
| 1F BRAKE PUNCH:    | Level 1 |

### DYNAMIC DRAG BRAKE

|                   |          |
|-------------------|----------|
| 2A DYNAMIC DRAG:  | 0%       |
| 2B DRAG SW RPM:   | 30,000   |
| 2C MAX DDRAG RPM: | 45,000   |
| 2D DRAG REL RATE: | 2000RPM% |

### THROTTLE

|                   |         |
|-------------------|---------|
| 3A PUNCH CTRL:    | Level 3 |
| 3B INIT THROTTLE: | 0%      |
| 3C DRIVE FREQ:    | 8 KHZ   |
| 3D DEAD BAND:     | 8%      |
| 3E CURRENT LIMIT: | 100%    |

### 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: | Level 0 |
|------------------|---------|

### MISC CONTROL

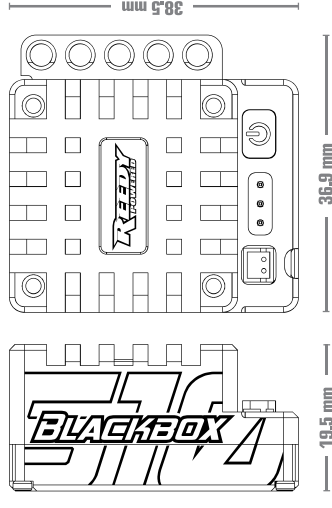
|                  |  |
|------------------|--|
| 6A RUN MODE:     | <input type="radio"/> F/B <input type="radio"/> F/R  |
| 6B REVERSE PWR:  | <input type="radio"/> 25% <input type="radio"/> 50% <input type="radio"/> 75% <input type="radio"/> 100% |
| 6C BATT CUTOFF:  | <input type="radio"/> NONE <input type="radio"/> 3.2V/CELL <input type="radio"/> 3.4V/CELL               |
| 6D ESC TEMP CUT: | <input type="radio"/> OFF <input type="radio"/> 176F/80C <input type="radio"/> 194F/90C                  |
| 6E MOT ROTATION: | <input type="radio"/> NORMAL <input type="radio"/> REVERSE   |
| 6F BEC VOLTAGE:  | <input type="radio"/> 6.0V <input type="radio"/> 7.4V  |

### MOTOR SETTINGS

|              |                         |
|--------------|-------------------------|
| MOTOR:       | Reedy M4                |
| WIND:        | #27441 7.5T             |
| TIMING:      | 26*                     |
| ROTOR:       | #27448 M4 12.5x5.0x25.3 |
| FDR/ROLLOUT: | 20 / 81                 |
| TEMPERATURE: | N/A                     |

### RADIO SETTINGS

|                |      |
|----------------|------|
| THROTTLE EPA:  | 100% |
| BRAKE EPA:     | 90%  |
| THROTTLE EXPO: | 0    |
| BRAKE EXPO:    | 0    |



NOTES:



www.ReedyPower.com