

# BLACKBOX 610R

## ELECTRONICS SET-UP SHEET

|                            |                    |
|----------------------------|--------------------|
| Voltage input:             | 2S LiPo            |
| On resistance ( $\Omega$ ) | 0.00043            |
| Continuous current (A)     | 160                |
| Dimensions (mm)            | 38.5 x 36.9 x 19.5 |
| Weight w/o wires & fan (g) | 45                 |
| Motor limit                | 4.5T               |
| BEC                        | 6.0 - 7.4V / 5A    |
| Fan                        | Optional           |

DRIVER: Brent Thielke      EVENT: Team Associated Top Gun Shootout / 1Up Fall Classic      TRACK: SDRC / Coyote Hobbies      DATE: November 2023

VEHICLE: RC10B6.4      CONDITIONS: Indoor, Dirt, High Grip      BATTERY: #27382 Reedy Zappers SG5 6400      TEMP: N/A

### ESC INFO

FIRMWARE: 11858509

CAPACITOR TYPE: Default

FAN: No

WIRE SIZE: 13 AWG

### BRAKE

1A DRAG BRAKE: 12%

1B BRAKE STRGTH: 70%

1C INIT BRAKE: 3%

1D BRAKE FREQ: 6KHz

1E BRAKE PUNCH: Level 3

1F BRAKE MODE: Traditional

### THROTTLE

3A PUNCH CTRL: Level 26

3B INIT THROTTLE: 2%

3C DRIVE FREQ: 6KHz

3D DEADBAND: 5%

3E CURRENT LIMIT: 100%

### MOTOR POWER

#### EXPERT

4A BT SOFT PWR: 0 deg

4B BT SOFT RNG: 25%

4C COAST VALUE: 0%

4D BOOST TIMING: 0 deg

4E BOOST TIM ACT: RPM

4F BOOST ST RPM: 5000

4G BOOST END RPM: 20000

4H TURBO TIMING: 0 deg

4J TURBO DELAY: Off

4K SLEW RATE: Instant

4L RELEASE RATE: Instant

#### STANDARD

5A TIMING LEVEL: Level 0

### RADIO SETTINGS

THROTTLE EPA: Set @ 100

BRAKE EPA: Set @ 100

THROTTLE EXPO: 0%

### 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 ☐ 221F/105C ☒ 257F/125C

6E MOT ROTATION: ☒ NORMAL ☐ REVERSE

6F BEC VOLTAGE: 6.0 V

### MOTOR SETTINGS

MOTOR: Reedy SP5

WIND: #27481 13.5T

TIMING: 48\*

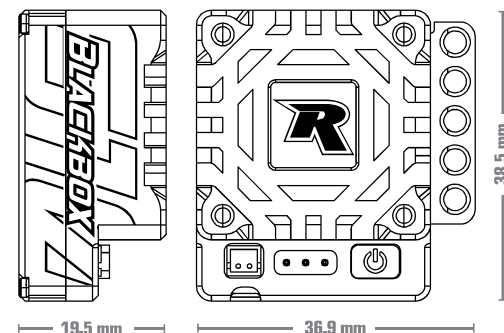
ROTOR: #27483 (12.5 x 7.15 x 25.8 mm)

FDR/ROLLOUT: 25T / 75T

### MISCELLANEOUS

SERVO: #27119 Reedy RT1705A

CHARGER: #27203 Reedy 1416-C2L



### NOTES:

Throttle Dual Rate = 100%

Brake Dual Rate = 96%



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