

# BLACKBOX 610R

## ELECTRONICS SET-UP SHEET

2S LiPo	
On resistance (Ω)	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: 2023 Clash of Champions      TRACK: Hoosier R/C      DATE: 1/8/2023

VEHICLE: RC10B6.4 - Modified      CONDITIONS: Indoors, dirt, high grip, sealed surface      BATTERY: #27382 Reedy Zappers SG5 6400 mAh, 90C LP Shorty      TEMP: 55°F

### ESC INFO

FIRMWARE:	11858505
CAPACITOR TYPE:	Default
FAN:	#27028 Reedy 7mm
WIRE SIZE:	13 AWG

### BRAKE

1A DRAG BRAKE:	12%
1B BRAKE STRGTH:	80%
1C INIT BRAKE:	0%
1D BRAKE FREQ:	3KHz
1E BRAKE PUNCH:	Level 4
1F BRAKE MODE:	Traditional

### THROTTLE

3A PUNCH CTRL:	Level 8
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	8KHz
3D DEADBAND:	6%
3E CURRENT LIMIT:	100%

### MOTOR POWER

EXPERT

4A BT SOFT PWIR:	0deg
4B BT SOFT RNG:	25%
4C COAST VALUE:	0%
4D BOOST TIMING:	0deg
4E BOOST TIM ACT:	RPM
4F BOOST ST RPM:	15000
4G BOOST END RPM:	40000
4H TURBO TIMING:	0deg
4J TURBO DELAY:	0.1sec
4K SLEW RATE:	Instant
4L RELEASE RATE:	Instant

STANDARD

5A TIMING LEVEL:	
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### MISC CONTROL

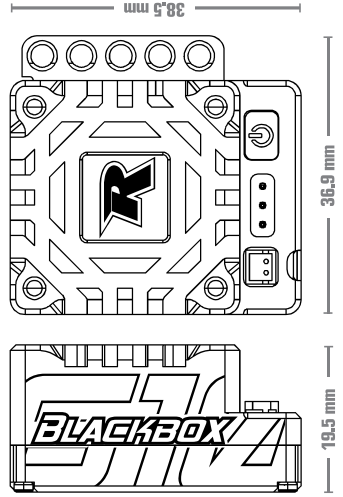
6A RUN MODE:	<input checked="" type="radio"/> F/B <input type="radio"/> F/R/R
6B REVERSE PWR:	<input checked="" type="radio"/> 25% <input type="radio"/> 50% <input type="radio"/> 75% <input type="radio"/> 100%
6C BATT CUTOFF:	<input type="radio"/> NONE <input checked="" type="radio"/> 3.2V/CELL <input type="radio"/> 3.4V/CELL
6D ESC TEMP CUT:	<input type="radio"/> OFF <input type="radio"/> 221F/105C <input checked="" type="radio"/> 257F/125C
6E MOT ROTATION:	<input checked="" type="radio"/> NORMAL <input type="radio"/> REVERSE
6F BEC VOLTAGE:	6.0V

### MOTOR SETTINGS

MOTOR:	Reedy Sonic M4
WIND:	#27470 7.0T
TIMING:	14*
ROTOR:	#27447 12.5x7.25x25.3
FDR/ROLLOUT:	21 / 81

### MISCELLANEOUS

SERVO:	#27119 Reedy RT1705A
CHARGER:	#27203 Reedy 1416-C2L



**NOTES:**

Futaba T10PX

- Brake1 Rate = 92
- Response Steering = 6
- Response Throttle = 6
- Steering Speed Turn = 85
- Steering Speed Return = 85



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