

BLACKBOX 610R

ELECTRONICS SET-UP SHEET

DRIVER: Brent Thielke EVENT: 2023 JConcepts Midwest Carpet Championships TRACK: RC ONE DATE: 3/26/2023

VEHICLE: RC10B6.4 - Modified CONDITIONS: Indoors, black carpet, medium grip, tight BATTERY: #273824Reedy Zappers SG5 4800 mAh, 90C LP Shorty TEMP: 65°F

Voltage input:	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

ESC INFO

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

BRAKE

1A DRAG BRAKE:	12%
1B BRAKE STRGTH:	75%
1C INIT BRAKE:	=Drag Brake
1D BRAKE FREQ:	3KHz
1E BRAKE PUNCH:	Level 3
1F BRAKE MODE:	Traditional

THROTTLE

3A PUNCH CTRL:	Level 12
3B INIT THROTTLE:	1%
3C DRIVE FREQ:	12KHz
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:	25deg
4J TURBO DELAY:	0.1sec
4K SLEW RATE:	Instant
4L RELEASE RATE:	Instant

STANDARD

5A TIMING LEVEL:	
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MISC CONTROL

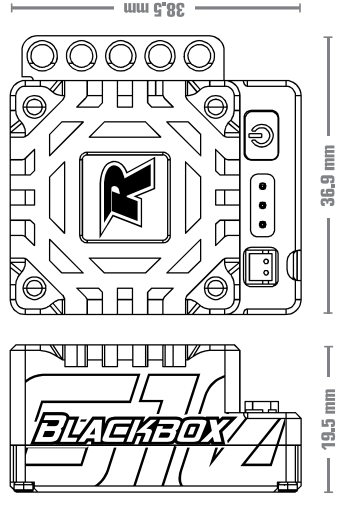
6A RUN MODE:	<input checked="" type="radio"/> F/B <input type="radio"/> F/R/R
6B REVERSE PWR:	<input checked="" type="radio"/> 25% <input type="radio"/> 50% <input type="radio"/> 75% <input type="radio"/> 100%
6C BATT CUTOFF:	<input type="radio"/> NONE <input checked="" type="radio"/> 3.2V/CELL <input 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:	#27444 6.5T
TIMING:	24*
ROTOR:	#27448 12.5x5.0x25.3
FDR/ROLLOUT:	23 / 81

MISCELLANEOUS

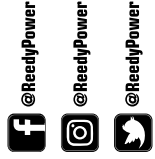
SERVO:	#27119 Reedy RT1705A
CHARGER:	#27203 Reedy 1416-C2L



NOTES:

Futaba T10PX

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



www.ReedyPower.com