BLACKBOX 610R
ELECTRONICS SET-UP SHEET

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

DRIVER: Enzo Albertoni **EVENT:** Summer Testing **TRACK:** "The Track" Gaithersburg, MD **DATE:** June 2023

VEHICLE: RC10B6.4 **CONDITIONS:** Indoor, Dirt, Sealed; High Grip **BATTERY:** Reedy Zapper SG5 4800 **TEMP:** 74*

ESC INFO

FIRMWARE:	11858507
CAPACITOR TYPE:	Default
FAN:	N/A
WIRE SIZE:	Default

BRAKE

1A DRAG BRAKE:	6%
1B BRAKE STRGTH:	75%
1C INIT BRAKE:	0
1D BRAKE FREQ:	4Khz
1E BRAKE PUNCH:	Level 1
1F BRAKE MODE:	Traditional

THROTTLE

3A PUNCH CTRL:	Level 12
3B INIT THROTTLE:	0
3C DRIVE FREQ:	8Khz
3D DEADBAND:	6%
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:	10 Deg
4E BOOST TIM ACT:	RPM
4F BOOST ST RPM:	5000
4G BOOST END RPM:	20000
4H TURBO TIMING:	5 Deg
4J TURBO DELAY:	.05 Sec
4K SLEW RATE:	3Deg/0.1s
4L RELEASE RATE:	Instant

( ) STANDARD

5A TIMING LEVEL:	

RADIO SETTINGS

THROTTLE EPA:	100%
BRAKE EPA:	100%
THROTTLE EXPO:	0%

MISC CONTROL

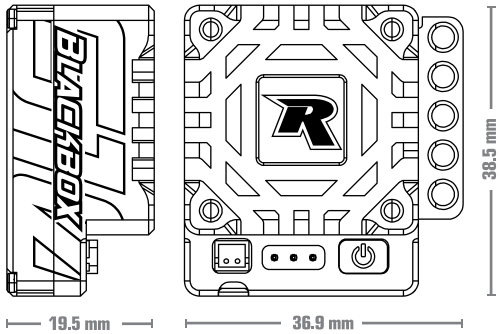
6A RUN MODE:	(•) F/B ( ) F/B/R
6B REVERSE PWR:	(•) 25% ( ) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	(•) NONE ( ) 3.2V/CELL ( ) 3.4V/CELL
6D ESC TEMP CUT:	(•) OFF ( ) 221F/105C ( ) 257F/125C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	6.0v

MOTOR SETTINGS

MOTOR:	Reedy Sonic M4
WIND:	8.5t
TIMING:	20 Deg
ROTOR:	Default
FDR/ROLLOUT:	22/78

MISCELLANEOUS

SERVO:	Reedy RT1705A
CHARGER:	



NOTES:

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