

BLACKBOX 610R

ELECTRONICS SETUP 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

ArrD - PetitRC

DRIVER: *Danny Buck*

EVENT: *2024 Bridge City Battle*

TRACK:

DATE: *2024-04-22*

VEHICLE: *Awesomatix A800R*

CONDITIONS: *Technical Medium Grip Carpet*

BATTERY: *SG5 4800 90c*

TEMPERATURE: *22°C*

ESC INFO

FIRMWARE: *11858509*

CAPACITOR TYPE: *#27029 Pro Mo*

FAN: *#27031 30x30*

WIRE SIZE: *13GA*

BRAKE

1A DRAG BRAKE: *10%*

1B BRAKE STRGTH: *80%*

1C INIT BRAKE: *=Drag*

1D BRAKE FREQ: *2KHz*

1E BRAKE PUNCH: *Level 2*

1F BRAKE MODE: *Traditional*

THROTTLE

3A PUNCH CTRL: *Level 15*

3B INIT THROTTLE: *3%*

3C DRIVE FREQ: *8KHz*

3D DEADBAND: *6%*

3E CURRENT LIMIT: *100%*

MOTOR POWER

EXPERT

4A BT SOFT PWR: *20*

4B BT SOFT RNG: *60*

4C COAST VALUE: *0*

4D BOOST TIMING: *0*

4E BOOST TIM ACT: *RPM*

4F BOOST ST RPM: *5000*

4G BOOST END RPM: *20000*

4H TURBO TIMING: *28deg*

4J TURBO DELAY: *0.05sec*

4K SLEW RATE: *24deg/0.1s*

4L RELEASE RATE: *30*

STANDARD

5A TIMING LEVEL:

RADIO SETTINGS

THROTTLE EPA: *100*

BRAKE EPA: *80*

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: *7.0v*

MOTOR SETTINGS

MOTOR: *Reedy Sonic 54*

WIND: *5.0*

TIMING: *20*

ROTOR: *#27450 12.0m*

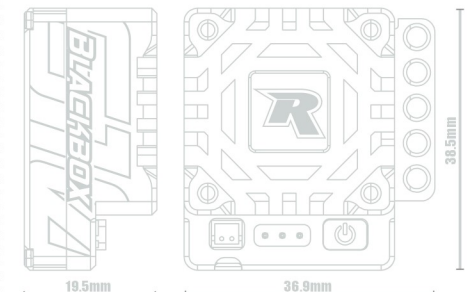
FDR/ROLLOUT: *114/29 = 7.46*

MISCELLANEOUS

SERVO: *Reedy RT1408*

CHARGER: *Reedy 1416-C2*

75' Straight, 5.9 fast lap



www.ReedyPower.com