

BLACKBOX 610R

ELECTRONICS SET-UP SHEET

DRIVER: Brent Thielke EVENT: Clash of Champions TRACK: Hoosier RC DATE: January 2024

VEHICLE: RC-10B7 CONDITIONS: Indoors, dirt, very high grip, large BATTERY: #27382 Reedy Zapper 6400 TEMP: N/A

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:	11858509
CAPACITOR TYPE:	Default
FAN:	#27028 Reedy 7mm
WIRE SIZE:	13 AWG

BRAKE

1A DRAG BRAKE:	14%
1B BRAKE STRGTH:	75%
1C INIT BRAKE:	=Drag Brake
1D BRAKE FREQ:	3KHz
1E BRAKE PUNCH:	Level 4
1F BRAKE MODE:	Traditional

THROTTLE

3A PUNCH CTRL:	Level 11
3B INIT THROTTLE:	2%
3C DRIVE FREQ:	12KHz
3D DEADBAND:	6%
3E CURRENT LIMIT:	100%

MOTOR POWER

EXPERT

4A BT SOFT PWIR:	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:	0deg
4J TURBO DELAY:	0.05sec
4K SLEW RATE:	3deg/0.1s
4L RELEASE RATE:	20deg/0.1s

STANDARD

5A TIMING LEVEL:	N/A
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RADIO SETTINGS

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

MISC CONTROL

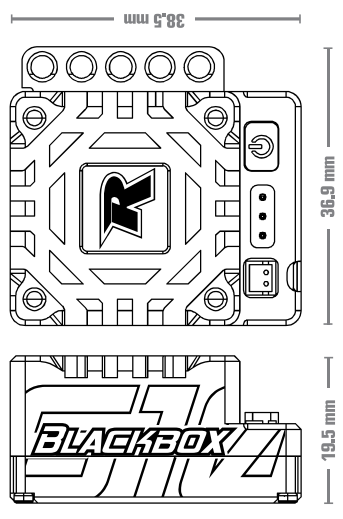
6A RUN MODE:	<input checked="" type="radio"/> F/B <input type="radio"/> F/R/R
6B REVERSE PWR:	<input checked="" type="radio"/> 25% <input type="radio"/> 50% <input type="radio"/> 75% <input type="radio"/> 100%
6C BATT CUTOFF:	<input type="radio"/> NONE <input checked="" type="radio"/> 3.2V/CELL <input 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:	6.0 V

MOTOR SETTINGS

MOTOR:	Reedy M4
WIND:	#27490 7.5T DE
TIMING:	20*
ROTOR:	#27447 Reedy 12.5 mm
FDR/ROLLOUT:	21T / 75T

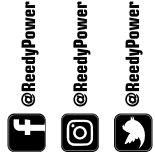
MISCELLANEOUS

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



NOTES:

Throttle Dual Rate = 100%
 Brake Dual Rate = 84%



www.ReedyPower.com