BLACKBOX 510R
ELECTRONICS SET-UP SHEET

Voltage input:	2S LiPo
On resistance (Ω)	0.105
Continuous current (A)	150
Dimensions (mm)	38.5 x 36.9 x 19.5
Weight w/o wires & fan (g)	44
Motor limit	3.5T
BEC	6.0 - 7.4V / 5A

DRIVER: Aydin Horne **EVENT:** April Fools Classic **TRACK:** Intermountain R/C Raceway **DATE:** April 18, 2021

VEHICLE: RC10B74.1 **CONDITIONS:** Indoors, dirt, medium size, high grip **BATTERY:** #27366 Reedy Zapper SG4 4100 mAh **TEMP:** 70F

ESC INFO

FIRMWARE:	B468314
CAPACITOR TYPE:	Stock
FAN:	#27028 Reedy 7mm
WIRE SIZE:	Stock

BRAKE

1A DRAG BRAKE:	4%
1B BRAKE STRNGTH:	75%
1C INIT BRAKE:	0%
1D DRAG FREQ:	1.5 kHz
1E BRAKE FREQ:	3 kHz
1F BRAKE PUNCH:	Level 1

DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG:	0%
2B DRAG SW RPM:	30,000
2C MAX DDRAG RPM:	45,000
2D DRAG REL RATE:	2,000 RPM

THROTTLE

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

MOTOR POWER

(•) EXPERT

4A BOOST TIMING:	0*
4B BOOST ST RPM:	5,000
4C BOOST END RPM:	23,000
4D B. TH LIMIT:	Off
4E TURBO TIMING:	0*
4F TURBO ST RPM:	25,000
4G TURBO ACT:	FullTh
4H TURBO DELAY:	Off
4J SLEW RATE:	Fastest
4K RELEASE RATE:	4*/0.1 sec

( ) STANDARD

5A TIMING LEVEL:	

MISC CONTROL

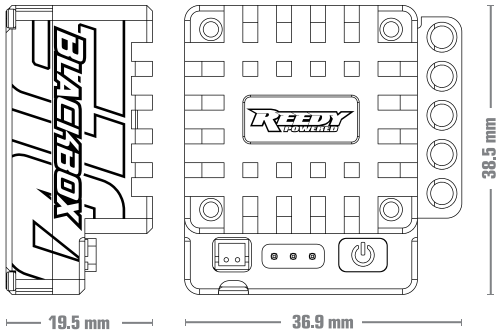
6A RUN MODE:	(•) F/B ( ) F/B/R
6B REVERSE PWR:	(•) 25% ( ) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	( ) NONE (•) 3.2V/CELL ( ) 3.4V/CELL
6D ESC TEMP CUT:	(•) OFF ( ) 176F/80C ( ) 194F/90C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	(•) 6.0V ( ) 7.4V

MOTOR SETTINGS

MOTOR:	Reedy Sonic M4
WIND:	#27446 5.5T
TIMING:	15*
ROTOR:	#27448 12.5x5.0x25.3
FDR/ROLLOUT:	18 / 78
TEMPERATURE:	N/A

RADIO SETTINGS

THROTTLE EPA:	100%
BRAKE EPA:	100%
THROTTLE EXPO:	-6%
BRAKE EXPO:	0%



NOTES:

Brake Dual Rate = 96%

#27457 Reedy HV 30mm Aluminum Motor Fan

30 TIME REEDY

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