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: Brent Thielke **EVENT:** JConcepts Summer Indoor Nationals **TRACK:** Hobby Action R/C Raceway **DATE:** July 15, 2018

VEHICLE: RC10B6.1D **CONDITIONS:** Indoors, dirt, high grip, small **BATTERY:** #27323 Reedy Zappers SG 5800 mAh 80C **TEMP:** N/A

ESC INFO

FIRMWARE:	B468314
CAPACITOR TYPE:	Stock
FAN:	None
WIRE SIZE:	13

BRAKE

1A DRAG BRAKE:	16%
1B BRAKE STRNGTH:	80%
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 2
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	8 KHz
3D DEAD BAND:	6%
3E CURRENT LIMIT:	100%

MOTOR POWER

(•) EXPERT

4A BOOST TIMING:	0deg
4B BOOST ST RPM:	5,000
4C BOOST END RPM:	25,000
4D B. TH LIMIT:	Off
4E TURBO TIMING:	3deg
4F TURBO ST RPM:	25,000
4G TURBO ACT:	Full TH
4H TURBO DELAY:	Off
4J SLEW RATE:	Fastest
4K RELEASE RATE:	8 deg/0.1s

( ) STANDARD

5A TIMING LEVEL:	

MISC CONTROL

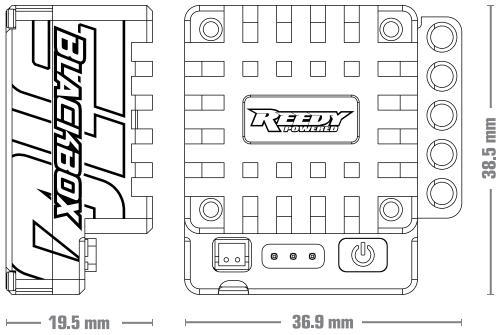
6A RUN MODE:	(•) F/B ( ) F/B/R
6B REVERSE PWR:	(•) 25% ( ) 50% ( ) 75% ( ) 100%
6C BATT CUTOFF:	( ) NONE (•) 3.2V/CELL ( ) 3.4V/CELL
6D ESC TEMP CUT:	( ) OFF ( ) 176F/80C (•) 194F/90C
6E MOT ROTATION:	(•) NORMAL ( ) REVERSE
6F BEC VOLTAGE:	(•) 6.0V ( ) 7.4V

MOTOR SETTINGS

MOTOR:	Reedy M3
WIND:	7.5
TIMING:	20*
ROTOR:	#273 12.5 Spec
FDR/ROLLOUT:	21 / 78
TEMPERATURE:	N/A

RADIO SETTINGS

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



NOTES:

- Brake Dual Rate = 84%

30 TIME REEDY

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