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: Chris Sturdy **EVENT:** NZIOC **TRACK:** Built For Event **DATE:** 18/06/2017

VEHICLE: RC10B64D **CONDITIONS:** Indoor Carpet **BATTERY:** Reedy 5300 Shorty **TEMP:** 18 deg

ESC INFO

FIRMWARE:	B468314
CAPACITOR TYPE:	STD
FAN:	WTF 30mm
WIRE SIZE:	13Gauge

BRAKE

1A DRAG BRAKE:	15%
1B BRAKE STRNGTH:	90%
1C INIT BRAKE:	Drag Brake
1D DRAG FREQ:	Brake Freq
1E BRAKE FREQ:	2 KHZ
1F BRAKE PUNCH:	Level 1

DYNAMIC DRAGE BRAKE

2A DYNAMIC DRAG:	0%
2B DRAG SW RPM:	30000
2C MAX DDRAG RPM:	45000
2D DRAG REL RATE:	2000RPM

THROTTLE

3A PUNCH CTRL:	Level 4
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	8 KHZ
3D DEAD BAND:	2%
3E CURRENT LIMIT:	100%

MOTOR POWER

● EXPERT

4A BOOST TIMING:	6 Deg
4B BOOST ST RPM:	8000
4C BOOST END RPM:	20000
4D B. TH LIMIT:	Off
4E TURBO TIMING:	20 Deg
4F TURBO ST RPM:	25000
4G TURBO ACT:	Full TH
4H TURBO DELAY:	0.05 sec
4J SLEW RATE:	20deg/0.1s
4K RELEASE RATE:	22deg/0.1s

○ STANDARD

5A TIMING LEVEL:	

MISC CONTROL

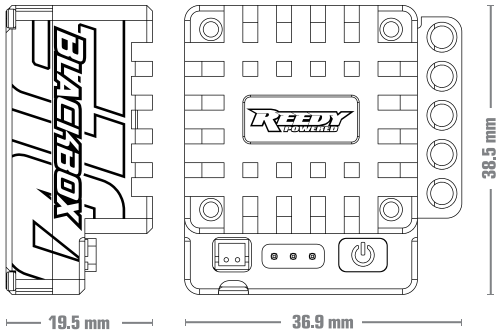
6A RUN MODE:	● F/B ○ F/B/R
6B REVERSE PWR:	● 25% ○ 50% ○ 75% ○ 100%
6C BATT CUTOFF:	○ NONE ○ 3.2V/CELL ● 3.4V/CELL
6D ESC TEMP CUT:	○ OFF ○ 176F/80C ● 194F/90C
6E MOT ROTATION:	● NORMAL ○ REVERSE
6F BEC VOLTAGE:	○ 6.0V ● 7.4V

MOTOR SETTINGS

MOTOR:	Reedy Mach 3
WIND:	5.0T
TIMING:	20
ROTOR:	STD
FDR/ROLLOUT:	11.08:1
TEMPERATURE:	

RADIO SETTINGS

THROTTLE EPA:	100%
BRAKE EPA:	90%
THROTTLE EXPO:	0
BRAKE EXPO:	0



NOTES:

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30 TIME REEDY

REEDY POWERED

www.ReedyPower.com