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: Kyle Gough **EVENT:** Masters of Dirt **TRACK:** Beach Rc **DATE:** 11/1/21

VEHICLE: RC10B6.3D **CONDITIONS:** Indoor, Dirt, Medium Size, High Grip **BATTERY:** #: 27364 Reedy Zapper SG4 4800 mAh **TEMP:** 80F

ESC INFO

FIRMWARE:	EE460121
CAPACITOR TYPE:	Stock
FAN:	None
WIRE SIZE:	Stock

BRAKE

1A DRAG BRAKE:	10%
1B BRAKE STRNGTH:	95%
1C INIT BRAKE:	0%
1D DRAG FREQ:	1.5KHz
1E BRAKE FREQ:	2KHz
1F BRAKE PUNCH:	Level 1

DYNAMIC DRAG BRAKE

2A DYNAMIC DRAG:	
2B DRAG SW RPM:	
2C MAX DDRAG RPM:	
2D DRAG REL RATE:	

THROTTLE

3A PUNCH CTRL:	Level 10
3B INIT THROTTLE:	0%
3C DRIVE FREQ:	12KHz
3D DEAD BAND:	6%
3E CURRENT LIMIT:	100%

MOTOR POWER

○ EXPERT

4A BOOST TIMING:	
4B BOOST ST RPM:	
4C BOOST END RPM:	
4D B. TH LIMIT:	
4E TURBO TIMING:	
4F TURBO ST RPM:	
4G TURBO ACT:	
4H TURBO DELAY:	
4J SLEW RATE:	
4K RELEASE RATE:	

◉ STANDARD

5A TIMING LEVEL:	Level 0

MISC CONTROL

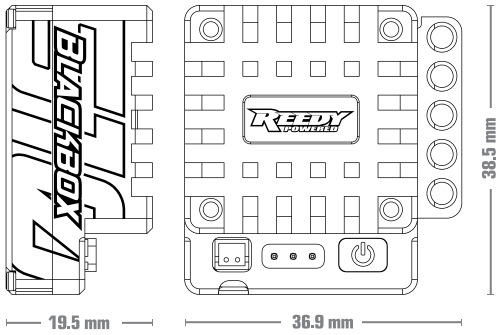
6A RUN MODE:	◉ F/B ○ F/B/R
6B REVERSE PWR:	◉ 25% ○ 50% ○ 75% ○ 100%
6C BATT CUTOFF:	◉ NONE ○ 3.2V/CELL ○ 3.4V/CELL
6D ESC TEMP CUT:	◉ OFF ○ 176F/80C ○ 194F/90C
6E MOT ROTATION:	◉ NORMAL ○ REVERSE
6F BEC VOLTAGE:	◉ 6.0V ○ 7.4V

MOTOR SETTINGS

MOTOR:	Reedy S-Plus
WIND:	#27402 Reedy S-Plus 17.5
TIMING:	50 Degrees
ROTOR:	#27415 S-Plus HT Rotor
FDR/ROLLOUT:	27/75
TEMPERATURE:	140 Degrees

RADIO SETTINGS

THROTTLE EPA:	100%
BRAKE EPA:	85%
THROTTLE EXPO:	-10 %
BRAKE EXPO:	-10 %



NOTES:

30 TIME REEDY

www.facebook.com/ReedyPower

twitter.com/ReedyPower

REEDY POWERED

www.ReedyPower.com