R1 DIGITAL 2 ESC MOTOR & ESC SETUP SHEET

DRIVER: DATE:

VEHICLE: TIRES:

GEAR RATIO: SPUR & PINION:

TRACK LENGTH X WIDTH: LAYOUT: TIGHT ◯ OPEN ◯

SURFACE: TRACTION: LOW ◯ MED ◯ HIGH ◯

BATTERY: NUMBER OF CELLS:

MOTOR TYPE & WIND: ROTOR SIZE:

ENDBELL TIMING: ESC FIRMWARE:

	Settings	1	2	3	4	5	6	7	8	9
1	Operation Mode	Forward, Brake	Forward, Brk, Rev	Forward, Reverse						
2	Reverse Speed	25%	50%	75%	100%					
3	Low Volt Cut (Protection)	None	2.9V/cell	3.0V/cell	3.2V/cell		when under custom setting, hold(>) button until the number starts flashing. While the number is flashing, press (<) or(>) to change the value. To save & move to drag brake setting press (^).			
4	Drag Brake	0%-100%		Default10%						
5	Intial Brake	0%-50%	Default (=Drag Brake)							
6	Full Brake	75%	80%	85%	90%	95%	100%			
7	Brake Frequency	1khz	2khz	4khz	8khz	16khz	32khz	64khz		
8	Power Level	(1-12)								
9	Drive Frequency	2khz	4khz	8khz	16khz	32khz	64khz			
10	Neutral Dead Band	0%	3%	6%	9%	12%				
11	Temp Cut Set	Off	175F/80c	194F/90c						
12	Boost Timing	0deg-60deg								
13	Boost RPM	500-15,000		Default-14,000						
14	Boost (ACC)	50-700	Default 650							
15	Turbo Timing	0-60								
16	Turbo Slope	(3-24)								
17	Turbo Delay	Off	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4
18	Rotation Mode	Normal	Reverse							
19	BEC Voltage	6V	7.2V							
20	Default Reset	No	if (>) is pressed, all settings will go to default							
21	Max Temperation	data logging feature								
22	Max RPM	data logging feature								