

R1

DIGITAL 2 ESC MOTOR & ESC
SETUP SHEET

DRIVER:

DATE:

VEHICLE:

TIRES:

GEAR RATIO:

SPUR & PINION:

TRACK DIMENSION:

LAYOUT: TIGHT ☐ OPEN ☐

SURFACE:

TRACTION: LOW ☐ MED ☐ HIGH ☐

BATTERY:

NUMBER OF CELLS:

MOTOR TYPE & WIND:

ROTOR SIZE:

ENDBELL TIMING:

ESC FIRMWARE:

SETTINGS

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1	Operation Mode	Forward, Brake	Forward, Brk, Rev	Forward, Reverse			When under custom setting, hold(>) button until the number starts flashing.			
2	Reverse Speed	25%	50%	75%	100%		While the number is flashing, press (<) or(>) to change the value.			
3	Low Volt Cut (Protection)	None	2.9V/cell	3.0V/cell	3.2V/cell		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								