

# 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

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