

NITRIDE Setup sheet

By Max Götzl, 2.November 2023

Setup sheet	Parameter	2WD Modified Carpet	4WD Modified Carpet	4WD Modified Carpet	2WD Modified Astro	4WD Modified Astro	2WD Modified Dirt	4WD Modified Dirt	Default value
Motor HOBBYWING		6T	4.5T	5.5T	6T	5.5T	8.5T	7.5T	-
Rotor (mm)		12.5	12.5	12.5	6T	5.5T	8.5T	7.5T	-
Motor Timing (°)		30	30	30	25	30	30	30	-
Active FAN on ESC		No	No	No	No	No	No	No	-
Throttle									
<pre> THROTTLE PWM: 8.0kHz expo: 0 throttle: 0% <profile edit brake> </pre>	PWM	6 kHz	8 kHz	8 kHz	12 kHz	10 kHz	12 kHz	8 kHz	8 kHz
	expo	0	0	0	0	0	0	0	0
Brake									
<pre> BRAKE min: 0% max: 100% expo: 0 dragB off PWM: 2.0kHz brake: 0% <throttle edit reverse> </pre>	min	15 %	10 %	10 %	8 %	5 %	8 %	8 %	0
	max	100 %	90 %	90 %	90 %	90 %	90 %	90 %	100 %
	expo	0	0	0	0	0	0	0	0
	dragB	on	on	on	on	on	off	off	off
	PWM	1.5 kHz	2 kHz	2 kHz	2 kHz	2 kHz	4 kHz	2 kHz	2 kHz
Boost Timing									
<pre> BOOST TIMING 0 @ 15k rpm 0 @ 25k rpm 0 @ 40k rpm split: no split rpm: 0k boost: 0 <reverse edit turbo> </pre>	rpm 0	-	-	-	-	-	-	-	-
	rpm 1	-	-	-	-	-	-	-	-
	rpm 2	-	-	-	-	-	-	-	-
	boost1	0	0	0	0	0	0	0	-
	boost2	0	0	0	0	0	0	0	-
	Turbo Timing								
<pre> TURBO TIMING turbo 50 delay 0.02 s ramp up 500 /s down 100 /s turbo: 0 <boost edit HAngle> </pre>	turbo	50	28	40	0	34	35	38	0
	delay	0.02 s	0.02 s	0.02	-	0.04 s	0.05 s	0.04 s	0.2 s
	ramp up	370 /s	320 /s	370 /s	-	350 /s	350 /s	370 /s	100 /s
	ramp down	370 /s	320 /s	370 /s	-	400 /s	350 /s	370 /s	100 /s
Hall Angle									
<pre> HALL ANGLE 0 @ 10k rpm 0 @ 44k rpm rpm: 0k angle: 0 <turbo edit MConf> </pre>	rpm 0	-	-	-	-	-	-	-	10000
	rpm 1	-	-	-	-	-	-	-	44000
	hall angle	0	0	0	0	0	0	0	0
Protection									
<pre> PROTECTION voltage warning: 3.2 V voltage cutoff: 3.1 V motor limit: 120 °C ESC limit: 120 °C <mConf edit RX calib> </pre>	voltage warning	3.2 V	3.2 V	3.2 V	3.2 V	3.2 V	3.2 V	3.2 V	3.6 V
	voltage cutoff	3.1 V	3.1 V	3.1 V	3.1 V	3.1 V	3.1 V	3.1 V	3.4 V
	motor limit	105 °C	105 °C	105 °C	105 °C	105 °C	105 °C	105 °C	100 °C
	ESC limit	135 °C	135 °C	135 °C	135 °C	135 °C	135 °C	135 °C	125 °C
Car info									
	Gear ratio	78/21	81/18	81/19	78/23	81/20	78/24	81/21	-