

## NITRIDE Setup sheet

Driver name:

Car									
Track type									
Date									
Event									
Motor									
Rotor (mm)									
Motor Timing (°)									
Car info - Gear ratio									
Radio info - Break on radio									
Active FAN on ESC (yes / no)									

### Throttle

```
THROTTLE
PWM: 8.0 kHz
expo: 0
throttle: 0%
<profile edit brake>
```

								Range	Default value
PWM	kHz	kHz	kHz	kHz	kHz	kHz	kHz	0.1 to 45 kHz	8 kHz
expo								-64 to +64	0

### Brake

```
BRAKE
min: 0% max: 100%
expo: 0 dragB off
PWM: 2.0 kHz
brake: 0%
<throttle edit reverse>
```

min	%	%	%	%	%	%	%	0% to 50%	0
max	%	%	%	%	%	%	%	1% to 200%	100 %
expo								-125 to +125	0
dragB								On / Off	off
PWM	kHz	kHz	kHz	kHz	kHz	kHz	kHz	0.1 to 45 kHz	2 kHz

### Boost Timing

```
BOOST TIMING
0 @ 15k rpm
0 @ 25k rpm
0 @ 40k rpm split: no split
rpm: 0k boost: 0
<reverse edit turbo>
```

rpm 0								1k to 48k	-
rpm 1								2k to 49k	-
rpm 2								3k to 50k	-
boost1								0 to 63	-
boost2								0 to 63	-

### Turbo Timing

```
TURBO TIMING
turbo 50
delay 0.02 s
ramp up 500 /s down 100 /s
turbo: 0
<boost edit HAngle>
```

turbo								0 to 63	0
delay	s	s	s	s	s	s	s	0.00s to 1.00s	0.2 s
ramp up	/s	/s	/s	/s	/s	/s	/s	10/s to 1k/s	100 / s
ramp down	/s	/s	/s	/s	/s	/s	/s	10/s to 1k/s	100 / s

### Hall Angle

```
HALL ANGLE
0 @ 10k rpm
0 @ 44k rpm
rpm: 0k angle: 0
<turbo edit MConf>
```

rpm 0								5k to 49k	10k
rpm 1								6k to 50k	44k
hall angle								0 to 63	0

### Protection

```
PROTECTION
voltage warning: 3.2 V
voltage cutoff: 3.1 V
motor limit: 120 °C
ESC limit: 120 °C
<mConf edit RX calib>
```

voltage warning	V	V	V	V	V	V	V	3.1 to 4.1 V	3.6 V
voltage cutoff	V	V	V	V	V	V	V	3.0 to 4.0 V	3.4 V
motor limit	°C	°C	°C	°C	°C	°C	°C	70 to 150°C	100 °C
ESC limit	°C	°C	°C	°C	°C	°C	°C	125 to 150°C	125 °C