ELCERAM
High power electronics for professional RC racing

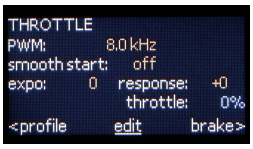
OXIDE
Advanced Cooling Technology for RC Cars 1/10

OXIDE 1/10 Setup sheet

Driver name:	Alex Ilievski

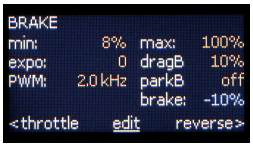
Car	Schumacher	Mi9				
Track type	Medium Size	Asphalt	Low-Med			
Date	02/02/2025					
Event						
Motor	HW 13.5	G4R				
Rotor (mm)	STD					
Motor Timing (°)	44					
Car info - Gear ratio	4.24					
Radio info - Break on radio	85% Brake					
Active FAN on ESC (yes / no)						

Throttle



								Range	Default value
PWM	1.5 kHz	kHz	kHz	kHz	kHz	kHz	0.1 to 45 kHz	8 kHz
expo	2						-64 to +64	0

Brake

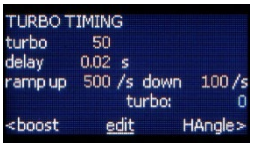


min	10 %	%	%	%	%	%	0 to 50 %	0
max	150 %	%	%	%	%	%	1 to 200 %	100 %
expo	0						-125 to +125	0
dragB	0 %	%	%	%	%	%	0 to 100 %	0 %
PWM	1 kHz	kHz	kHz	kHz	kHz	kHz	0.1 to 45 kHz	2 kHz

Boost Timing

rpm 0	0						1k to 48k	15k
rpm 1	0						2k to 49k	25k
rpm 2	0						3k to 50k	40k
boost1	0						0 to 63	0
boost2	0						0 to 63	0

Turbo Timing

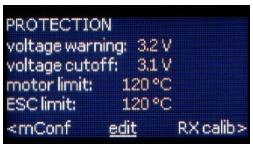


turbo	0						0 to 63	0
delay	0 s	s		s	s	s	0.00 to 1.00 s	0.2 s
ramp up	0 / s	/ s	/ s	/ s	/ s	/ s	10 to 1k / s	100 / s
ramp down	0 / s	/ s	/ s	/ s	/ s	/ s	10 to 1k / s	100 / s

Hall Angle

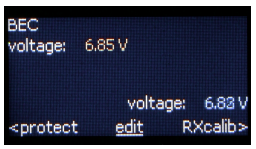
rpm 0	0						5k to 49k	10k
rpm 1	0						6k to 50k	44k
hall angle	0						0 to 63	0

Protection



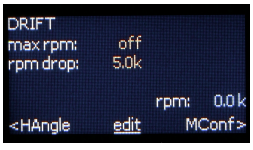
voltage warning	3.2 V	V	V	V	V	V	3.1 to 4.1 V	3.6 V
voltage cutoff	3 V	V	V	V	V	V	3.0 to 4.0 V	3.4 V
motor limit	STD °	°	°	°	°	°	70 to 150 °C	100 °C
ESC limit	STD °	°	°	°	°	°	125 to 150 °C	125 °C

BEC



voltage	6.4 V	V	V	V	V	V	6 to 7,4 V	6 V

Drift



max rpm							10000 to 60000	off
rpm drop							0 to 10	5