XSCEND PRO-X SETUP SHEET

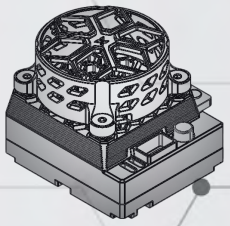
1/10 COMPETITION BRUSHLESS SPEED CONTROL | OFFICIAL SETUP SHEET

DRIVER & TRACK CONDITIONS

Driver:	Kevin Abbott		
Date:	8-22-26	**Track:**	Ron Jons
Event:	Club Event		
Air Temp:	100	**Track Temp:**	102
Traction:	High	**Surface:**	Smooth hard pack Clay
Tire / Compound:	Silver Smoothies		

VEHICLE & POWERTRAIN SETUP

Vehicle:	CW Bullet		
Motor:	Gen_X	**Turn:**	13.5E
Rotor:	Green	**Timing:**	48
Spur:	98	**Pinion:** 41	**FDR:** 6.21
Battery:	6800 Stick	**Servo:**	HB162P



DATA RECORD

Max ESC Temperature:	
Max Motor Temperature:	184
Min Battery Voltage:	7.4v
Max Motor RPM:	22800

SESSION NOTES & HANDLING OBSERVATIONS

Section	Programmable Setting Names	Parameter Values / Custom Race Settings
Throttle Settings	Throttle Response	.1ms — Acceleration ramp / punch response rate
	Coast	0 — Forward roll inertia at neutral throttle
	Neutral Range	5 — Deadband trigger sensitivity width
	Initial Throttle	10 — Initial throttle start percentage
	Maximum Forward Force	100 — Maximum forward power limit %
	Maximum Reverse Force	0 — Maximum reverse power limit %
	RPM Limit	0 — Motor RPM limiter ceiling
	Drive Frequency Start	6K — PWM drive frequency at start (kHz)
	Drive Frequency End	24K — PWM drive frequency at end (kHz)
	Drive Frequency Start RPM	.5k rpm — PWM frequency transition start RPM
	Drive Frequency End RPM	20k rpm — PWM frequency transition end RPM
	Throttle Curvature Profile	Custom: ☐ Preset: Linear
	10-Point Custom Throttle Curve	10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Brake Settings	Brake Response	.1ms — Braking engagement ramp speed
	RPM Deceleration Control	ON: ☑ OFF: ☐ — Active motor braking deceleration torque
	Initial Brake	0 — Initial brake bite force percentage
	Maximum Brake Force	100 — Maximum overall braking power %
	Brake Drive Frequency	auto — Brake frequency (kHz)
	Drag Brake Force	0 — Neutral off-throttle drag braking
	Drag Brake Response	.1ms — Drag brake application ramp rate
	Drag Brake Frequency	auto — Drag brake frequency (kHz)
	Brake Curvature Profile	Custom: ☐ Preset: Linear
	10-Point Custom Brake Curve	10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Boost Settings	Boost Timing	Electronic boost advance degrees (0-64°)
	Activation Mode	Throttle ☐ RPM ☐
	Throttle Activation Percentage	Throttle trigger percentage required
	RPM Activation	RPM threshold to engage boost
	Initial Boost	Initial boost timing punch degrees
	Boost Increase Rate	Boost timing ramp-up rate
	Boost Decrease Rate	Boost timing removal / decay rate
Turbo Settings	Turbo Timing	Full throttle top-end turbo advance degrees
	Turbo Increase Rate	Turbo timing ramp-up speed (°/0.1s)
	Turbo Decrease Rate	Turbo decay / fade rate on trigger release
	Turbo Delay	Full throttle hold delay before turbo starts
General Settings	Motor Rotation	☑ CCW (Normal) ☐ CW (Reverse)
	Motor Poles	☑ 2 Pole ☐ 4 Pole
	Running Mode	☑ Forward / Brake (Race) ☐ Forward / Brake / Reverse ☐ Forward/Reverse
	Reverse Delay	Reverse engagement delay time
	Cutoff Voltage	☑ Disabled Custom
	Cutoff Thermal Protection	☑ Disabled ☐ 95°C / 203°F ☐ 105°C / 221°F ☐ 130°C / 266°F
	BEC Output Voltage	7.0v — 6v - 7.4v
	Phase A,C Swap	☑ Disabled ☐ Enabled
	Fan Mode	☑ Always On ☐ Auto Thermal ☐ Disabled