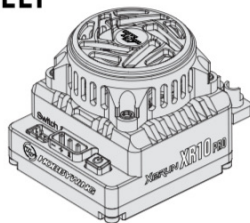


HOBBYWING® XR10Pro G3/G3X SETUP SHEET

Driver: Thomas Phipps
 Date: 31/05/25
 Track: Boughton Raceway
 Event: BRCA National Rd2
 Temperature - Air: 24C Track: _____
 Traction: ☒ Low ☐ Medium ☐ High
 Composition: ☐ Asphalt ☒ AstroTurf ☐ Carpet ☐ Dirt ☐ Grass ☐

Vehicle: B7
 Firmware: Latest
 Motor: 6.5T
 Endbell Timing: 30
 Rotor: 12.3
 Layout: ☐ Tight ☐ Mixed ☒ Open



Data Record	Max ESC Temperature: _____	Notes <u>Brake EPA: 100%</u> <u>Pinion/Spur: 23/78</u> <u>Turbo Inc rate: 15°</u>
	Max Motor Temperature: _____	
	Min Battery Voltage: _____	
	Max Motor RPM: _____	

Type	Item	Programmable Items	Parameter Values																
General Setting	1A	Settings Mode	Basic		Advanced														
	1B	Running Mode	Forward with Brake		Forward/Rev with Brake		Forward & Rev												
	1C	Max. Reverse Force	☒		50%		75%		100%										
	1D	Cutoff Voltage	☒		Auto (3.5V/Cell)		3.0-7.4V Adjustable (Step: 0.1V)												
	1E	ESC Thermal Protection	☒		105°C/221°F		125°C/257°F												
	1F	Motor Thermal Protection	☒		105°C/221°F		125°C/257°F												
	1G	BEC Voltage	<u>6V</u>		5.0V-7.4V Adjustable (Step:0.1V)														
	1H	Smart Fan	☒		Enabled														
	1I	Auto Off	☒		Remote Off		Delay 5 Minutes		Delay 10 Minutes										
	1J	Sensor Mode	Full ☒ Sensored		Sensored/Sensorless Hybrid														
	1K	Motor Rotation	☒		CW														
Throttle Control	2A	Throttle Rate Control	<u>15</u>		1-30 Adjustable (Step: 1)														
	2B	Throttle Curvature	<u>0</u>		-10~10 (Step: 1)		Customized: _____												
	2C	Neutral Range	<u>6%</u>		3%-10% Adjustable (Step: 1%)														
	2D	Initial Throttle Force	<u>1%</u>		1-15 Adjustable (Step: 1)														
	2E	Coast	<u>0%</u>		0-15% Adjustable (Step: 1%)														
	2F	PWM Drive Frequency	<u>8K</u>		2K-32K (Step: 1)		Customized: _____												
	2G	Softening Value	<u>0</u>		0-30° Adjustable (Step: 1°)														
	2H	Softening Range	☒	10%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%			
	2I	Freewheeling	☒		Enabled														
	2J	RPM Decrease Rate	<u>-</u>		1-20 (Step: 1)														
	Brake Control	3A	Drag Brake Force	<u>8%</u>		0%-100% Adjustable (Step: 1%)													
3B		Drag Brake Rate	☒		1-20 Adjustable (Step: 1)														
3C		Drag Brake Frequency	0.5K		<u>2K</u>		1K-16K (Step: 1K)												
3D		Max. Brake Force	<u>90%</u>		0%-150% Adjustable (Step: 1%)														
3E		Brake Rate Control	<u>15</u>		1-20 Adjustable (Step: 1)														
3F		Brake Control	Linear		☒ Traditional		Disc Brake												
3G		ABS Force	<u>0%</u>		0-20% (Step: 1%)														
3H		Brake Curvature	<u>0</u>		-10~10 (Step:1)		Customized: _____												
3I		Brake Frequency	0.5K		<u>2K</u>		1K-16K (Step: 1K)												
Timing	4A	Boost Timing	<u>0</u>		0-64° Adjustable (Step: 1°)														
	4B	Boost Timing Activation	Auto		☒ Manual		Throttle												
	4C	Boost Start RPM	<u>6500</u>		500-35000RPM (Step: 500RPM)														
	4D	Boost End RPM	<u>2250</u>		3000-60000RPM (Step: 500RPM)														
	4E	Boost Start TH	<u>-</u>		1%-90% (Step: 1%)														
	4F	Boost End TH	<u>-</u>		10%-100% (Step: 1%)														
Config.	5A	Turbo Timing	<u>23</u>		0-64° Adjustable (Step: 1°)														
	5B	Turbo Delay	☒ Instant	0.05s	0.1s	0.15s	0.2s	0.25s	0.3s	0.35s	0.4s	0.45s	0.5s	0.6s	0.7s	0.8s	0.9s	1.0s	
	5C	Turbo Increase Rate	Instant		1deg/0.1s	2deg/0.1s	3deg/0.1s	5deg/0.1s	8deg/0.1s	12deg/0.1s	16deg/0.1s	20deg/0.1s	25deg/0.1s	30deg/0.1s					
	5D	Turbo Decrease Rate	Instant ☒		1deg/0.1s	2deg/0.1s	3deg/0.1s	5deg/0.1s	8deg/0.1s	12deg/0.1s	16deg/0.1s	20deg/0.1s	25deg/0.1s	30deg/0.1s					
	6A	Motor Poles	2-10 (Step: 2)																
	6B	Gear Ratio (FDR)	2.0-12.0 (Step: 0.1)																
	6C	Tire Diameter	30mm-150mm (Step: 1)																