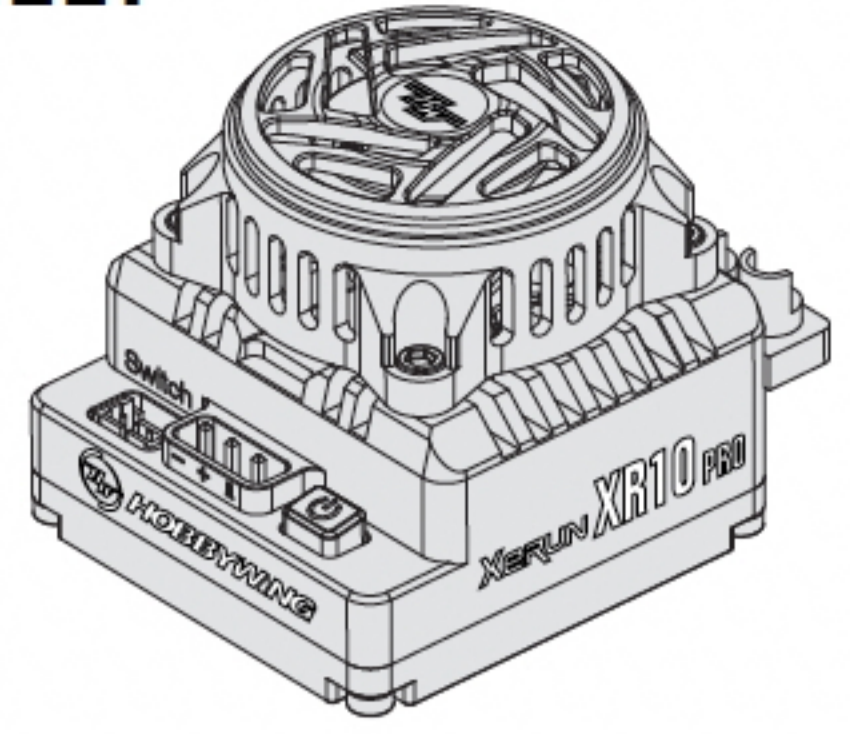


HOBBYWING® XR10Pro G3/G3X SETUP SHEET



Driver: Alexander Hagberg
 Date: 24/11/24
 Track: TFTR
 Event: Australian Championships
 Temperature - Air: 30 Track: 60
 Traction: Low Medium High
 Composition: Asphalt Astroturf Carpet Dirt Grass

Vehicle: XRAY X4'25
 Firmware: 6.1.00
 Motor: G3 5.0T
 Endbell Timing: 32.5
 Rotor: 12.1
 Layout: Tight Mixed Open

Data Record	Max ESC Temperature:		Notes <i>30mm fan in front of motor. LRP 5200 LCG charged to 4.10V per cell.</i>
	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	25%	50%	75%	100%												
	1D	Cutoff Voltage	Disabled	Auto (3.5V/Cell)	3.0-7.4V Adjustable (Step: 0.1V)													
	1E	ESC Thermal Protection	Disabled	105°C/221°F	125°C/257°F													
	1F	Motor Thermal Protection	Disabled	105°C/221°F	125°C/257°F													
	1G	BEC Voltage	6.7	5.0V-7.4V Adjustable (Step:0.1V)														
	1H	Smart Fan	Disabled	Enabled														
	1I	Auto Off	Disabled	Remote Off	Delay 5 Minutes				Delay 10 Minutes									
	1J	Sensor Mode	Full Sensored	Sensored/Sensorless Hybrid														
	1K	Motor Rotation	CCW	CW														
	1L	Phase-AC Swap	Disabled	Enabled														
Throttle Control	2A	Throttle Rate Control	22	1-30 Adjustable (Step: 1)														
	2B	Throttle Curvature	0	-10~10 (Step: 1)				Customized:										
	2C	Neutral Range		3%-10% Adjustable (Step: 1%)														
	2D	Initial Throttle Force	2	1-15 Adjustable (Step: 1)														
	2E	Coast	0	0-15% Adjustable (Step: 1%)														
	2F	PWM Drive Frequency	8	2K-32K (Step: 1)				Customized:										
	2G	Softening Value	30	0-30° Adjustable (Step: 1°)														
	2H	Softening Range	0%	10%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%		
	2I	Freewheeling	Disabled	Enabled														
	2J	RPM Decrease Rate	3	1-20 (Step: 1)														
	Brake Control	3A	Drag Brake Force	15	0%-100% Adjustable (Step: 1%)													
3B		Drag Brake Rate	Auto	10	1-20 Adjustable (Step: 1)													
3C		Drag Brake Frequency	0.5K	1K	1K-16K (Step: 1K)													
3D		Max. Brake Force	92	0%-150% Adjustable (Step: 1%)														
3E		Brake Rate Control	20	1-20 Adjustable (Step: 1)														
3F		Brake Control	Linear	Traditional	Disc Brake													
3G		ABS Force	15	0-20% (Step: 1%)														
3H		Brake Curvature	0	-10~10 (Step:1)				Customized:										
3I		Brake Frequency	0.5K	2K	1K-16K (Step: 1K)													
Timing		4A	Boost Timing	1	0-64° Adjustable (Step: 1°)													
	4B	Boost Timing Activation	Auto	RM	Throttle													
	4C	Boost Start RPM	7500	500-35000RPM (Step: 500RPM)														
	4D	Boost End RPM	22500	3000-60000RPM (Step: 500RPM)														
	4E	Boost Start TH		1%-90% (Step: 1%)														
	4F	Boost End TH		10%-100% (Step: 1%)														
	5A	Turbo Timing	35	0-64° Adjustable (Step: 1°)														
	5B	Turbo Delay	Instant	0.0s	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					
Config.	6A	Motor Poles	2	2-10 (Step: 2)														
	6B	Gear Ratio (FDR)	7.2	2.0-12.0 (Step: 0.1)														
	6C	Tire Diameter	62	30mm-150mm (Step: 1)														