RADON PRO V5BT
SETUP SHEET



Date 18/01/2025
Driver NATHAN HEALY
Event SERCCC SUMMER SERIES RD2
Track SERCCC

Large ☐ Med ☑ Small ☐

Asphalt ☑ Carpet ☐ Dirt ☐ Clay ☐ Astro ☐ **Traction** H ☑ M ☑ L ☐

Motor 13.5 V5 | Timing 45 | Track Temp 55 | Ambient 29

Rotor STD R50 | FDR 4.43 | Filter Cap Std ☐ NFP ☑

Chassis MTS T3M V2C | Firmware LATEST | PS-Booster Cap-V2 (STOCK) ☐

NOTES

MOTOR TEMPS WERE BETWEEN 55°C AND 60°C ALL DAY

GENERAL	**Motor Rotation**	CCW ☐	CW ☑
	Motor Poles	2 POLE ☑	4 POLE ☐
	Running mode	FWD/BRK ☑	FWD/BRK/REV ☐ FWD/BRK/REV ☐
	Reverse Delay		
	Throttle Freq.	Khz 1 ☐ 2 ☐ 3 ☐ 4 ☑ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 12 ☐ 16 ☐ 24 ☐ 32 ☐	
	Low Volt Cutoff	*AUTO* 3-11V 0.1V increment	
	Thermal Cutoff	OFF ☐ 95 ☑ 110 ☐ 130 ☐ (Degrees C)	
	BEC Output	6V ☑ 7.4v ☐	
	A-C Swap (Phase)	☑ ABC(Default) ☐ CBA(Swap)	

THROTTLE	**Thr Response**	*0.1*	0.1-3.0ms.
	Thr Compression	*6*	*1%-%50
	Thr Off Rate	*0*	*0%-%30
	Dead Band	*3*	*%3-%12
	IP Limiter	*3*	%2-%16
	Limit Power	*0*	%0-%30
	Limit Range	*70*	%1-%70
	Max Forward %	*100*	%100-%25
	Max Reverse %	*100*	%100-%25

BRAKE	**Brk Response**	*0.1*	0.1-3.0ms
	Brake Rate	*1.0*	1%-20%
	Initial Brake	*0*	0%-50%
	Max Brake	*100*	10%-100%
	Fwd Drag Brake	*10.0*	0%-100%
	Fwd Drag Resp	*1.0*	0%-100%
	Rev Drag Force	*1.0*	0.1-3ms
	Rev Drag Resp.	*1.0*	
	Brake Frequency	Khz 0.1 ☐ 0.2 ☐ 0.3 ☐ 0.4 ☐ 0.5 ☐ 0.6 ☐ 0.7 ☐ 0.8 ☑ 0.9 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 12 ☐	

BOOST	**Boost Timing**	0 - 64
	Boost Activation	Throttle - RPM
	Boost Trigger	10% -90%
	Boost Threshold	8 - 50 kr/min
	Initial Angle	1 - 64 Degrees
	Boost On Rate	1 - 64 Degrees
	Boost Off Rate	1 - 64 Degrees
TURBO	**Turbo Timing**	0 - 64
	Turbo on Rate	1 - 64 Degrees
	Turbo Off Rate	1 - 64 Degrees
	Turbo Delay	0- Instant - 0.01s - 1s
	Race Mode	Modified ☐ Stock ☑

DATA	
Input Throttle %	
Output Throttle%	
Voltage	
Min. Voltage	
Temperature	
Max Temperature	
RPM	
Max RPM	
Adv. Timing	
Max Timing	

NOTES

SMOOTH, PUNCHY WITHOUT BEING AGGRESSIVE. EQUAL TOP END.