SETTING SHEET

Racing Performer

RPX4

BRUSHLESS SPEED CONTROLLER

Track Name	Champ Stadiunm	**Date**	2026/10/18
Driver Name	Koyo Tamura	**Chassis Name**	SO3.0
Category	☐ Touring ☐ 1/12 Racing ☐ GT ☐ Formula ☑ Off-Road 2WD ☐ Off-Road 4WD ☐ Drift 2WD ☐ Drift 4WD		
Surface	☐ Asphalt ☐ Carpet ☐ Astro Turf ☑ Dirt ☐ Carpet ☐ Concrete ☐ P-tile		
Slipper Crutch	☐ Strong ☑ Standard ☐ Light ☐ Direct	**Track Size**	☐ Large ☑ Middle ☐ Small
Motor	Fantom Helix V2 17.5T / **Gear Ratio**	**Tire diameter**	
Traction	☐ High ☑ Medium ☐ Low / **Condition**		☐ Smooth ☑ Bumpy ☐ Dusty ☐ Wet
Comment	スパーギヤ 72T/ピニオンギヤ 28T 進角 28度		

Mode No.		Item	Select
A. General	1	Battery Type	◉ Lipo ○ Life ○ NiMh/Nicd
	2	Cutoff Voltage	◉ Disable ○ Auto ○ 3.0V-7.4V(Step:0.1) _____ V
	3	Motor Direction	◉ Normal ○ Reverse
	4	Gear Ratio	○ Not installed ◉ 2.0:1-15.0:1 _____ :1
	5	Tire Diameter	40mm-200mm _____ mm
	6	B.E.C. Voltage	◉ 6.0V ○ 7.4V
	7	Cut Off Temp	○ 100℃ ○ 105℃ ○ 110℃ ○ 115℃ ○ 120℃ ○ 125℃ ○ 130℃ ○ 135℃ ◉ Disable
	8	CutOff M-Temp	○ 100℃ ○ 105℃ ○ 110℃ ○ 115℃ ○ 120℃ ○ 125℃ ○ 130℃ ○ 135℃ ◉ Disable
	9	Motor Wiring	○ A-B-C ◉ C-B-A
	10	Voltage Limit	○ Disable ◉ 7.4V-8.7V (Step:0.1) _____ V
	11	Fan Control	◉ AUTO ○ ON
B. Throttle	1	Power Curve	-15 - Normal - +15 Normal
	2	Acceleration	1-10 10
	3	Start Power	0%-100% 2 %
	4	Neutral Width	◉ Narrow_3% ○ Normal_6% ○ Wide_9%
	5	Smooth Rate	0-30 0
	6	Smooth Range	0%-100% 0 %
C. Reverse	1	Reverse Function	◉ One Way ○ Two Way ○ Two Way2 ○ Two Way3
	2	Reverse Delay	◉ OFF ○ 0.2S ○ 0.5S ○ 0.8S ○ 1.3S ○ 1.8S ○ 2.5S
	3	Reverse Amount	20%-100% 100 %

Mode No.		Item	Select
D. Brake	1	Brake Response	0-100 100
	2	Drag Brake	0%-100% 0 %
	3	Min Brake Amount	0%-100% 10 %
	4	Max Brake Amount	0%-100% 80 %
	5	Mid Brake Amount	0%-100% 50 %
	6	Mid Brake Location	0%-100% 45 %
	7	Soft Brake	○ Soft Brake ◉ Hard Brake
E. Frequency	1	Brake Freq	800hz-32000hz (Step:200) 2 Khz
	2	Motor Freq	800hz-32000hz (Step:200) 8 Khz
	3	Drag Freq	800hz-32000hz (Step:200) 2 Khz
F. Boost Turbo	1	Boost Type	◉ OFF ○ Boost ○ Throttle ○ Auto Throttle
	2	Boost	0° -100° _____ °
	3	Boost Min-rpm	0-24500 (Step:500) _____ rpm
	4	Boost Max-rpm	3000-65000 (Step:500) _____ rpm
	5	Boost-TH.10%	OFF-100° (Step:1) _____ °
	6	Boost-TH.20%	OFF-100° (Step:1) _____ °
	7	Boost-TH.30%	OFF-100° (Step:1) _____ °
	8	Boost-TH.40%	OFF-100° (Step:1) _____ °
	9	Boost-TH.50%	OFF-100° (Step:1) _____ °
	10	Boost-TH.60%	OFF-100° (Step:1) _____ °
	11	Boost-TH.70%	OFF-100° (Step:1) _____ °
	12	Boost-TH.80%	OFF-100° (Step:1) _____ °
	13	Boost-TH.90%	OFF-100° (Step:1) _____ °
	14	Boost-TH.100%	OFF-100° (Step:1) _____ °
	15	Turbo	0° -100° _____ °
	16	Turbo Delay	0.00sec-1.00sec (Step:0.05) _____ sec
	17	Turbo + Slope	0.00sec-1.00sec (Step:0.05) _____ sec
	18	Turbo - Slope	0.00sec-1.00sec (Step:0.05) _____ sec