



ESC Speed Passion GT2.0 PRO ESC

Event: 2012 Florida Electric State Series

Nation: USA

Date: March 2012

Vehicle: Xray T3 2012

Tyres Used: ☒ Rubber ☐ Foam

FDR / Rollout: 8.82

Off Road

Conditions: ☒ Dry ☐ Wet ☐ DampGrip Level: ☒ Low ☐ Medium ☐ HighTrack Type: ☒ Astro ☐ Grass ☐ Dirt☐ Multi Surface

ESC/Firmware Version: 110323Stock

Motor Used: 4.0T Mod Motor

Motor Endbell Timing: Default setting

Rotor Used: Default rotor

Battery Used: High Velocity 6000 60C

TRACK INFO

Track Name/Location: Village Raceway

☐ Indoor ☒ Outdoor

Track Temp.: 85° Weather Temp.: 78° Track Size: 140x80

Grip: LOW ☐ ☐ ☐ ☐ ☒ HIGH☒ Asphalt ☐ Concrete ☐ Carpet ☐ Technical ☒ Mixed ☐ Fast

Programmable Items

Programmable Value

Basic Items

	1	2	3	4	5	6	7	8	9
1. Running Mode	Forward Only With Brake ☒	Forward / Reverse With Brake ☐	Forward / Reverse ☐						
2. Drag Brake Force	0% ☐	5% ☐	10% ☒	15% ☐	20% ☐	25% ☐	30% ☐	100% ☐	Custom
3. Low Voltage Cut-Off Threshold	None ☐	2.6V/Cell ☐	2.8V/Cell ☐	3.0V/Cell ☒	3.2V/Cell ☐	3.4V/Cell ☐	Custom		
4. DRRS mode	Smooth Level 1 ☐	Smooth Level 2 ☐	Normal Level 3 ☒	Normal Level 4 ☐	Normal Level 5 ☐	Progressive Level 6 ☐	Progressive Level 7 ☐	Agressive Level 8 ☐	Agressive Level 9 ☐

Advanced Items

5. Maximum Brake Force	12.5% ☐	25% ☐	37.5% ☐	50% ☐	62.5% ☐	75% ☒	87.5% ☐	100% ☐	
6. Maximum Reverse Force	25% ☒	50% ☐	75% ☐	100% ☐					
7. Initial Brake Force	= Drag Brake Force ☐	0% ☒	20% ☐	40% ☐					
8. Neutral Range (Dead Band)	6%(Narrow) ☒	9%(Normal) ☐	12%(Wide) ☐						
9. Boost Timing	Custom 0° to 64° with the trim step of 1° (110323stock) 22 ☐				Custom 0° to 16° with the trim step of 1° (110119mod) ☐				
10. Turbo Slope Rate	3°/0.1s ☐	6°/0.1s ☒	12°/0.1s ☐	18°/0.1s ☐	24°/0.1s ☐	30°/0.1s ☐			
11. Over Heat Protection	95°C ☐	Non-Protection ☒							
12. Turbo Timing	Custom 0° to 40° with the trim step of 1° (110323stock) 12 ☐				Custom 0° to 20° with the trim step of 1° (110119mod) ☐				
13. Boost Start RPM	Custom 1000 to 15000 RPM with the trim step of 1000 RPM 9,000 RPM								
14. Turbo Delay	0s ☐	0.1s ☒	0.2s ☐	0.3s ☐	0.4s ☐	0.5s ☐	0.6s ☐	0.7s ☐	0.8s ☐
15. Boost Timing Acceleration	Custom 50 to 750 RPM/Deg, with the trim step of 50 RPM/Deg 750 RPM / Deg								

NOTE: TJ was using the similar setup with 4.0 and 5.0 motor except 34° on boost timing and 550 RPM/Deg when using 5.0T motor. Motor temp is 165-170° on Florida heat with fans on motor and ESC.