REVENTON
LEADING INNOVATIVE BRUSHLESS SYSTEM

STOCK 1

STOCK 1 is for HYBIRD BOOST software or open stock racing use

ESC: Speed Passion Reventon PRO

Event: USA - Indoor Carpet testing

Nation: USA Chicago | Date: October 2012

Vehicle: Tamiya TRF

Tyres Used: ● Rubber ○ Foam

Spur Gear: 96

Pinion Gear: 28

Track Name/Location: Private Indoor Carpet - Chicago

● Indoor ○ Outdoor

Track Temp.: Indoor | Weather Temp.: Indoor

Track Length: 40 x 70 (feet) USA

ESC/Firmware Version: **Current STOCK 1 software**

Motor Used: Speed Passion MMM 13.5

Motor Endbell Timing: Stock red - middle

Rotor Used: Stock purple 12.3mm

Gear Ratio: 7.05

Battery Used: Speed Power 6800 75C

Off Road: ○

Conditions: ○ Dry ○ Wet ○ Damp

Grip Level: ○ Low ○ Medium ○ High

Track Type: ○ Astro ○ Grass ○ Dirt ○ Multi Surface

On Road: ●

Track Type: ○ Asphalt ○ Concrete ● Carpet

Track Size: ● Technical ○ Mixed ○ Fast

Grip Level: ○ Low ○ Medium ● High

Programmable Items	Programmable Value 1	2	3	4	5	6	7	8	9	10	11
Basic Items											
1. Running Mode	Forward with brake "No reverse" ●										
2. Threshold V / Cell Li Po Cut off	2.6V/Cell ○	2.8V/Cell ○	3.0V/Cell ○	3.2V/Cell ○	3.4V/Cell ○	No Protection ●					
3. Over Heat Protection	Enable 95°C Cut-off ○	Disable ●									
Advanced Items											
4. Percentage Braking - ABS	8% ○	10% ○	20% ○	30% ○	40% ○	50% ○	60% ○	70% ○	80% ○	90% ○	100% ●
5. Percent Drag Brake	0% ○	10% ○	20% ●	30% ○	40% ○	50% ○	60% ○	70% ○	80% ○		
6. Neutral Range	2% ○	4% ○	6% ●	8% ○	10% ○	12% ○					
Hybrid Boost Items											
7. Digital Racing Response System - DRRS 3.0	Level 1 ○	Level 2 ○	Level 3 ○	Level 4 ○	Level 5 ○	Level 6 ●	Level 7 ○	Level 8 ○	Level 9 ○		
8. Hybrid Boost Active	30% ○	40% ○	50% ○	60% ○	70% ○	80% ○	90% ●	100% ○			
9. Hybrid Boost Maximum	110K ○	115K ○	120K ○	125K ○	130K ○	135K ○	140K ○	145K ○	150K ●		
10. Hybrid Boost Start RPM	3000 RPM ○	4000 RPM ○	5000 RPM ●	6000 RPM ○	7000 RPM ○	8000 RPM ○	9000 RPM ○	10000 RPM ○			
11. Hybrid Boost Delay	0s ○	0.1s ●	0.2s ○	0.3s ○	0.4s ○	0.5s ○	0.6s ○	0.7s ○	0.8s ○		

* Recommended setting

12. ESC Temperature	140°F (w/fan)	Motor Temperature	160°F (w/fan)
13. Battery Voltage	7.2V (after 6 min)		
14. ESC Firmware	**Stock 1 software**		

NOTE: Overall base setup for boost stock motor 13.5 setting.