



# Radon Pro V4 Speed Control Setup Sheet

Driver: Kenrick Fong Date: 10/03/20119  
 Vehicle: Yokomo BD9  
 Track: Guang Zhou AMA  
 Event: Practice  
 Composition:  Asphalt  Carpet  Dirt  Grass  
 Other: \_\_\_\_\_  
 Traction:  Low  Medium  High

## ELECTRONICS & SETTINGS

Motor: TeamPowers Avtium V3 4.5R Timing: 15 Gearing: 7.3  
 Battery: TP 6500mah Firmware: \_\_\_\_\_ Profile: \_\_\_\_\_

## GENERAL SETTINGS

Running Mode:  Forward/Brake\*  Forward/Brake/Reverse  Forward/Reverse  
 Voltage Cutoff:  Disable  Auto\*  Other: \_\_\_\_\_ (3.0-11.1v)  
 ESC Overheat:  Disable  95°C  105°C\*  130°C  
 Motor Rotation:  Normal\*  Reverse Race mode:  Modify\*  Stock  
 Deadband (4%\*-15%): \_\_\_\_\_

## THROTTLE SETTINGS

IP Limiter ( 1-30, 15\*): 2 Throttle Rate ( 1-30, 15\*): 8 Drive Frequency (1K,2K,4K,8K,16K\*): 8K  
 Throttle Curve:  Linear\*  Custom  
 RPM Lock (1~100%) 100

## BRAKE SETTINGS

Initial Brake (1%\* to 20%): 3 Drag Brake (1% to 100%, 10%\*): 25  
 Brake Force:  0%  12.5%  37.5%  50%  62.5%  75%\*  87.5%  100%  
 I-Brake Response: 11 Brake Rate: 15 Brake Frequency (1K,2K,4K,8K\*,16K): 2K/4K  
 Brake Curve:  Linear\*  Custom

## BOOST SETTINGS

Boost Timing (0\* to 64°): 1 Boost Trigger Level (1-50): 15 Boost Trigger Rate (1 to 10): 2

## TURBO SETTINGS

Turbo Timing (0\* to 64°): 8 Start RPM (8k to 50k, 20k\*): \_\_\_\_\_  
 Turbo Delay:  Instant  0.05s  0.1s  .15s  .2s  .25s  .3s\*  .35s  .4s  .45s  .5s  
 .6s  .7s  .8s  .9s  1s  
 Activate Method:  Full throttle\*  RPM  Full Th+RPM  
 Turbo On Rate (1-10, 5\*): 2 Turbo Off Rate:  Instant  Other (1-10, 5\*): 8

## DATA ANALYSIS

Min Battery Voltage: 6.7 Max ESC Temp.: 58 Max Motor RPM: 61000

CH3\_4 FNT: Drag Brake