



# PROFESSOR MOTOR CONTROLLERS

Thank you for purchasing the Carrera Home Set Model Electronic Controller (PMTR2062)

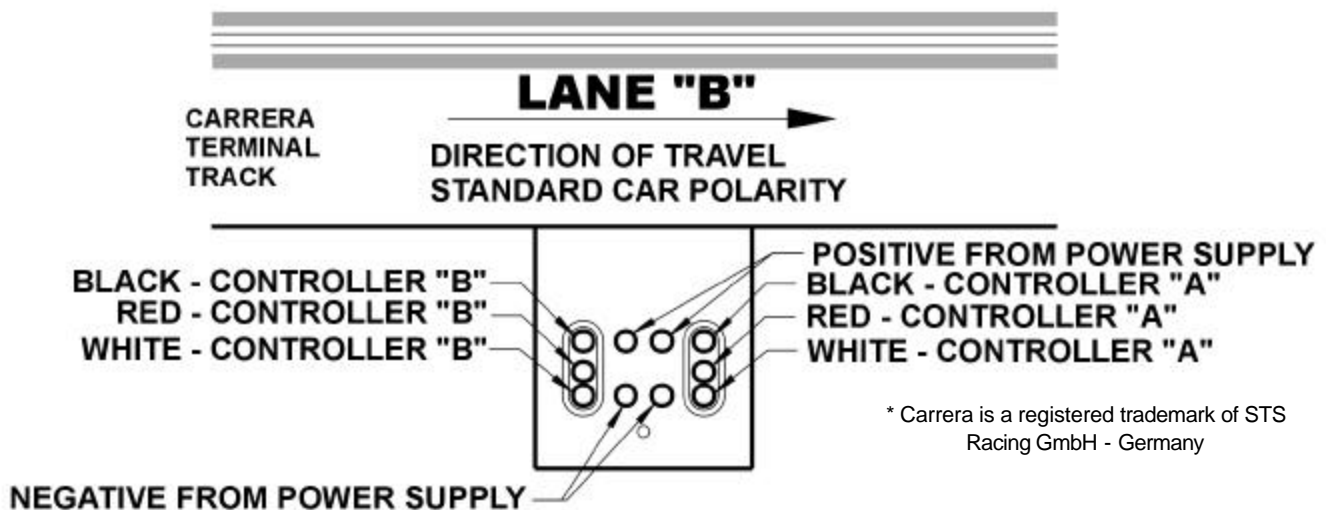
Intended application : 1/32 & 1/24 Carrera track home racing

This model features the following high quality features

- Direct plug-in compatibility with the Carrera\* track system and 18 volt rated transformer
- "Silver Series" ultra robust features, extra long 16 gage insulated controller leads with plugs
- High impact polycarbonate plastic handle, electronic semiconductor design with wide range
- Electronic circuit breaker protected braking system, low friction graphite impregnated wiper
- Brass alloy wiper contacts, stainless steel hardware, upgradeable modular design

Use & Care Instructions

- *It is recommended that connections to the track be made with the power off.*
- This controller is polarity sensitive & is wired for "NEGATIVE" polarity track wiring. For proper operation the transformers and controllers need to be hooked up as shown below (partial view of terminal track shown). *Note : if the cars do not move until the controller is at wide open throttle then reverse the power supply leads at the terminal track.*
- Caution ! : Internal wiring on the controller circuit board may be very sharp and can cause injury if handled with the external housing removed



Optional upgrades for this controller

- PMTR2036 Reversing Switch, PMTR2030 Power & Polarity Pilot Light System
- PMTR2038 Variable Brake System, PMTR2031 Low Friction Trigger Bushing
- PMTR2070 Variable Sensitivity System, PMTR2070 Low Cost Variable Sensitivity System

Regular maintenance

- Clean wiper button with 400-500 grit emery paper (slide paper under wiper)
- Clean brass contacts using 600-800 grit emery paper (carefully remove all brass dust)
- Oil the trigger pivot bushing (top & bottom) with a light machine oil

For technical information, questions or the latest catalog of available service parts and upgrades please visit us on the World Wide Web : [www.professormotor.com](http://www.professormotor.com)