



PROFESSOR MOTOR CONTROLLERS

Thank you for purchasing the Professor Motor Carrera "Gold" Model Controller (PMTR2063)

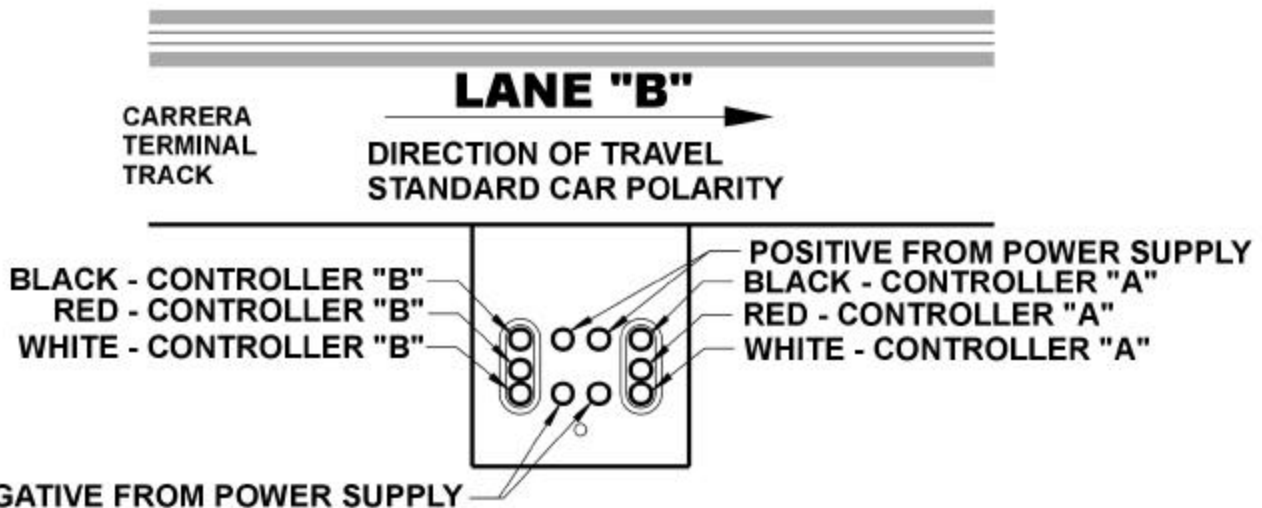
Intended application : 1/32 & 1/24 Carrera home track racing

This model features the following high quality features

- Polarity switching system to allow racing in both directions (switch controller & track power)
- Variable Sensitivity system with over 40,000 possible settings
- Electronic semiconductor design with wide range of control
- Self resetting electronic circuit breaker system
- New design low friction brass/steel trigger bushing system
- Extra long, heavy duty 13 gage super flexible, high temp silicone controller leads
- Color coded terminals for direct connect to Carrera power base (wire per schematic below)
- High impact polycarbonate plastic molded handle
- Low friction graphite impregnated wiper button with brass alloy wiper contacts
- Stainless steel hardware throughout
- Upgradeable modular design

Use & Care Instructions

- To activate the variable sensitivity system turn the silver knobs until bottoming, but be careful not to overtighten (snug only). Suggested use – make sure all the knobs are backed away from the "bottomed" position, start by turning in the front one (nose of controller) until bottomed & continue left to right until suitable sensitivity is achieved.
- To deactivate the variable sensitivity "switches" back off the knobs from the bottomed position only $\frac{1}{2}$ to $\frac{3}{4}$ turn (excessive loosening of the knobs can cause them to fall off)
- **Caution !** : Since the terminal connecting to the power base are not insulated, it is recommended that track power be off when the controller is connected to help prevent an accidental short circuit.
- **Caution !** : Wires on the circuit board may be very sharp and can cause injury if handled with the external housing of the controller removed



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