



PROFESSOR MOTOR CONTROLLERS

Thank you for purchasing the Professor Motor Commercial Track “Gold” Model (PMTR2060)

Intended application : 1/24 home & commercial track racing, through Group 12

This model features the following high quality features

- New shorter trigger stroke for faster trigger response
- High performance semiconductors with 400 amp surge rating
- Self resetting electronic circuit breaker system (in brake circuit)
- Variable Sensitivity system with over 20,000 possible settings
- Dual aluminum heat sink, unique internal handle-protected mounting
- New “Silver Series” ultra robust design features (see web site for information)
- Low friction brass/steel trigger bushing system
- Extra long, heavy duty 13 gage super flexible, high temp silicone controller leads
- Solid copper alligator clips with color coded vinyl insulating boots
- High impact polycarbonate plastic molded handle
- Fully electronic semiconductor design
- 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 – back off all of the adjustment knobs ½ turn 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 about ½ to ¾ turn.
- **Caution !** : Be careful when placing the controller down on a commercial track to avoid contact with the wiring connections to the track. The silver knobs for the sensitivity system and the heat sink (inside the handle) are electrically active and a short circuit could result.
- **Caution !** : If connected incorrectly to power, permanent damage can result.
- **Caution !** : External sensitivity knobs may get very hot if high-powered motors are used.

Optional upgrades for this controller

- Variable Brakes (PMTR2038)
- Reversing Switch (PMTR2036)
- Power Relay system (PMTR2037)
- Power pilot light system for power and polarity indication (PMTR2030)

Regular maintenance

- Clean wiper button with 400-500 grit emery paper (slide paper under wiper)
- Clean brass contacts using 600 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