



PROFESSOR MOTOR CONTROLLERS

Thank you for purchasing the Ninco & Scalextric Sport Home Set Controller (PMTR2044)

Intended application : 1/32 home track racing

This model features the following high quality features

- **Recommended Operating Voltage Range : 14 to 19 volts**
- New "Silver Series" ultra robust design features (see web site for information)
- Extra long, heavy duty 16 gage PVC insulated controller leads with 3.5mm plug
- Low friction trigger bushing
- High impact polycarbonate plastic molded handle
- Full electronic semiconductor design with ultra wide range of control
- Resistor modulated braking system for improved on-track performance
- Low friction graphite impregnated wiper button
- Brass alloy wiper contacts
- Stainless steel hardware throughout
- Upgradeable modular design

Use & Care Instructions

- Because of extreme weakness in the Ninco power base system only connect or disconnect these controllers with the power disconnected from the terminal track.
- This controller is wired for negative polarity track wiring configurations. With the Ninco standard terminal track the controller will operate properly only with the car moving from right to left. Addition of the optional polarity switch system is required to allow for proper operation with the standard terminal track if left to right car movement is required. With the Ninco dual power base either direction of movement is possible without installation of the polarity switch.
- **Caution!** : Wires on the 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 System (not for use with Scalextric Sport application)
- PMTR2030 Power & Polarity Pilot Light System
- PMTR2071 Low Cost variable sensitivity system (use if racing with 14 volt transformers)

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

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