



# **PROFESSOR MOTOR**



Thanks for purchasing the **COMMERCIAL TRACK BASIC** Model Electronic Controller PMTR2100

Intended application : Commercial track racing through 16D and JK Falcon. Not recommended for Group 12 / Group 15 or high-powered glue racing

This model features the following high quality features

**Recommended operating voltage range 10 to 15 volts DC**

Wired for **POSITIVE** polarity tracks (not for direct connection to home set power base)

Electronic "Platinum Series" **DUAL** transistor design with wide range of control & ultra precise adjustments

Fault tolerant robust circuit design to protect against overload or short circuit damage

Internal handle-protected **DUAL** aluminum heat sinks

Fully functional in 2 wire (non-brake) applications

Power pilot light system for track power indication

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, Stainless steel hardware throughout

**Low friction carbon wiper button with nickel plated ultra hard contact surface requiring no lubrication**

Wire strain relief bushing at bottom of controller handle for improved wire harness durability

## **Use & Care Instructions**

- 1. Remove the front half of the controller case by loosening the three bolts**
- 2. Clean all debris from the plated contacts with a Q-Tip and lighter fluid**
- 3. Lube the controller pivot bushing with plastic compatible oil**
- 4. Repeat this cleaning / lube process on a periodic basis (every 1-2 weeks) for best results.**

## **Optional Upgrades**

Power Relay System PMTR2037 – provides a more positive low resistance path at Wide Open Throttle

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)