



INSTRUCTIONS - PROFESSOR MOTOR WIRING CENTER (PMTR1045)

Wiring directions for positive polarity controllers :

- #9 Wire to + power : main power feed from (red) **power supply #1**
- #7 Wire to + power : main power feed from (red) **power supply #2**
- #3 Wire to - power : main power feed from (black) **BOTH** power supplies
- #6 Wire to the white post (power) for lane #1
- #8 Wire to the white post (power) for lane #2
- #1 Wire to the red post (brake) for lane #1
- #5 Wire to the red post (brake) for lane #2
- #2 Wire to left side braid/rail of track lane #1
- #4 Wire to left side braid/rail of track lane #2

Other wiring (not connected to wiring center) :

- Wire black (track) controller post for lane #1 to right side braid/rail of lane #1
- Wire black (track) controller post for lane #2 to right side braid/rail of lane #2

This wiring center is designed for **DUAL power supply input** (one power supply per lane). It will provide protection against short circuit and overload conditions that may be encountered due to misconnected controllers, track wiring issues or any slot car related issue that might cause excessive current draw. In doing so the controllers, track, cars and track wiring are all protected against potential electrical issues and resulting damage. The self-resetting circuit breakers used will restore power automatically without any need for a manual reset or fuse replacement after the electrical issue is resolved.

PROFESSOR MOTOR

www.professormotor.com
38291 Schoolcraft – Suite 104
Livonia, MI 48150-5042
Phone / Fax : (734) 462-4226