FOR YOUR PROTECTION

1. Never reverse locos without stopping them first. To do so may damage locomotive engine.
2. Never connect locomotive to A.C. Terminals. This will damage locomotive engine.
3. Turn master switch off at end of day's operation.
4. When a short circuit occurs and circuit breaker trips, turn unit off and correct short circuit, allow 2 minutes for circuit breaker to reset before turning unit back on.
5. Avoid prolonged overloads and short circuits.
6. Do not store in a damp area.
7. For best performance keep track and wheel surfaces clean. Intermittents and "jerky" operation are often caused by an oxide coating which has formed on the track or wheels.
8. Before returning your unit for repair or service, make certain it is defective. Do not shut down your layout unnecessarily.
9. If it is necessary to return your unit, repack in its original carton and then in an outer carton, placing 3 inches of packing material on each side. Mail the unit to M R C, Parcel Post Insured, with a letter explaining the trouble.

MODEL RECTIFIER CORPORATION
2500 WOODBRIDGE AVENUE EDISON, NEW JERSEY 08817

TWINPOWER

INPUT—
120V AC 60Hz

OUTPUT—
16V DC
18V AC
TOTAL OUTPUT
14.5VA

CAUTION – ELECTRICALLY OPERATED PRODUCT.

NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE.

AS WITH ALL ELECTRIC PRODUCTS,

PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.

OPERATING INSTRUCTIONS

For Models 202UL (HO Control)
202N (N Control)

CONGRATULATIONS:

You have made a wise investment in a fine train control. With a minimum of care the Twinpower will give you years of Model Railroading pleasure.

A thrilling new experience awaits you when you hook on to this power supply. The Twinpower is designed to realistically control trains in separate, completely isolated, track sections. The Twinpower is not intended to be used with common rail circuits.

If this is your first purchase of Model Rectifier Corporation equipment, you are in for a pleasant experience. Our old friends will expect and receive the best in train controls.

We look forward to serving you again in the future.

MODEL RECTIFIER CORPORATION
2500 WOODBRIDGE AVENUE EDISON, NEW JERSEY 08817

TWINPOWER

INPUT—120V AC 60Hz
OUTPUT—16V DC 18V AC TOTAL OUTPUT 14.5VA

Cab 1: 0-12 Volts Variable D.C.
16 Volts A.C.
12 Volts D.C. Fixed
Cab 2: 0-12 Volts Variable D.C.

CONTROLS

SPEED

The taper-wound rheostats in the Twinpower provide more torque at starting and smooth, even acceleration.

DIRECTION

For quick easy locomotive reversing, simply stop the train and throw the indent-action Direction Switch.

MASTER (On-Off) SWITCH

Permits you to shut off all power to layout.

CIRCUIT BREAKER AND OVERLOAD INDICATOR LIGHT

The Twinpower protection circuit combines both a circuit breaker to interrupt power output on all circuits and an overload light to indicate when a short circuit is present. When an overload occurs the indicator light will glow. To reset turn the unit off by using the master switch, correct the cause of the overload, wait 2 minutes and then turn the unit back on.

CAB 1 AND CAB 2 TERMINALS

are used to control locomotives. They will provide 0-12 volts of controlled D.C.

ACCESSORIES A. C. TERMINALS

for operation of A.C. accessories, switch machines, lights, etc.

FIXED VOLTS D. C. TERMINALS

is another added feature of the Twinpower. If at some later date you wish to power another track section and have individual control of speed and direction in that block, simply hook-up a Model Rectifier Corporation Cab Control Unit (taper-wound rheostat, reversing switch and circuit breaker) to these terminals and you are in operation.

DIRECTIONS

The Twinpower is specifically designed for the railroader who desires control of 2 or more locomotives in separate isolated track sections (blocks) i.e., the ability to control one train at one speed while another train in a separate track section runs at another speed or perhaps in the opposite direction. The Twinpower should not be used with common rail circuits. Both rails must be insulated at the end of each block.

1. Connect Cab #1 Terminals to one electrically isolated track section and Cab #2 Terminals to another isolated track section.

2. Connect Accessories A.C. Terminals to lights, switch machine controls and any other A.C. accessories.

3. Fixed D.C. Terminals, when connected to an external M R C Cab Control unit, will permit you to control another section of track.

4. Check your layout to make certain there are no open track sections or broken wires. Make sure your track is clean and free of obstructions (tools, etc.). Be sure rolling stock is properly placed on track.

5. Turn speed controls to "stop" and place master switch in "off" position.

6. Plug line cord into 120 Volt AC 60 Hz house outlet and throw master switch to "on" position.

7. Turn speed controls clockwise until locomotives move. To reverse, stop trains and throw direction switch.

8. If a short circuit or overload should occur on your layout, the circuit breaker will trip and the overload indicator light will come on. To reset turn master switch to "off" position and correct the cause of overload, allow 2 minutes for the circuit breaker to cool and then turn pack back "on". If the overload indicator light still glows you have either, failed to correct the overload or you have not allowed sufficient time for the circuit breaker to cool.

PARENTS PLEASE NOTE:

As with any electrically operated unit, it is always best to periodically examine it and have any potentially hazardous part repaired or replaced.