

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 MRC, Parcel Post Insured, with a letter explaining the trouble.

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.

MODEL RECTIFIER CORPORATION
2500 WOODBRIDGE AVENUE EDISON, NEW JERSEY 08817

INPUT :-
120V AC 60 HZ
OUTPUT :-
CONTROL #1
12VDC 15VAC
TOTAL 8VA
CONTROL #2
12VDC 12VDC
TOTAL 8VA

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 770 (HO Control)
770N (N Control)

CONGRATULATIONS:

You have made a wise investment in a fine Train Control. With a minimum of care the DUALPACK will give you years of Model Railroad enjoyment.

A thrilling new experience awaits you when you hook on to this power supply. Realistic operation, pin-point control, and ample reserve power combine to pep-up pike performance.

If this is your first purchase of Model Rectifier Corp., 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.

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DUALPACK

Input: 120 Volts A.C. 60 Hz

Output: Control #1 12 volts D.C. - Variable
15 volts A.C. - For Accessories
Total Output 8VA

Control #2 12 volts D.C. - Variable
12 volts D.C. - Fixed (For expansion)
Total Output 8VA

CONTROLS

SPEED

The taper-wound rheostats in the DUALPACK 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 the layout.

THERMAL CIRCUIT BREAKERS AND OVERLOAD INDICATOR LIGHTS

The DUALPACK protection circuit combines both - circuit protection against overload (short circuiting) and circuit protection against high temperatures. The circuit Breaker will interrupt power output on all circuits and an overload light will come on 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 CONTROL #1 and CAB CONTROL #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 DUALPACK. 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 DUALPACK is specifically designed for the railroader who desires independent control of 2 locomotives in separate isolated track sections (Common rail blocks) i.e., the ability to control one train at one speed while another train in a separate track section runs at another speed and/or perhaps in the opposite direction. The DUALPACK is truly a Dual Power supply; it houses two independent power output circuits, therefore the addition of locos to one Cab Control will not slow down locos operating from the other cab control. The DUALPACK can be used with COMMON RAIL CIRCUITS.

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 machines controls and any other A.C. accessories.
3. Fixed D.C. Terminals, when connected to an external MRC 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 in. 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.