

CAUTION

ELECTRICALLY OPERATED PRODUCT

NOT RECOMMENDED FOR CHILDREN
UNDER 12 YEARS OF AGE.

AS WITH ALL ELECTRIC PRODUCTS,
PRECAUTIONS SHOULD BE OBSERVED DURING
HANDLING AND USE TO PREVENT ELECTRIC SHOCK.

PLEASE READ INSTRUCTIONS THOROUGHLY
BEFORE MAKING ANY HOOKUP TO YOUR LAYOUT.

OPERATING INSTRUCTIONS FOR

TRAINPOWER 6200



MODEL RECTIFIER CORPORATION
80 NEWFIELD AVENUE, EDISON, NJ 08837
(732) 225-6360

CONGRATULATIONS!

You have just purchased one of the most advanced train controls on the market. MRC's TRAINPOWER 6200 was designed to fulfill the needs of large scale model railroads including the LGB line of railway equipment, yet accommodates small scale railways as well. Our solid-state circuitry makes the already smooth motors of large locomotives run more evenly and realistically than before, with crisp control between the throttle and locomotive. This power pack also features high output power and an attractive metal housing to make your large scale or HO scale model railroad more enjoyable to operate, with MRC quality and service to make your layout truly superior through the use of the Train power 6200!

SPECIFICATIONS

INPUT – 120V AC, 60Hz

MODE I	0 to 18.5V DC	35VA MAX	(Variable)
	18V AC		(Accessories)
TOTAL	60VA		
MODE II	0 TO 14V DC	27VA MAX	(Variable)
	18V AC		(Accessories)
TOTAL	52VA		

WARNING: USE MODE I ONLY FOR LGB TRAINS!

CONTROLS

The power ON-OFF switch disconnects the input power from your TRAINPOWER 6200 and shuts the unit down completely.

MAIN LINE DIRECTION CONTROL SWITCH

This switch controls the voltage polarity that is applied to the track and thereby controls the direction of travel for your locomotive. This switch should only be operated when the locomotive is not moving.

THROTTLE CONTROL

The throttle is used to set the speed of the locomotive you are controlling.

MODE SWITCH

The switch in the Mode I position provides more track voltage for LGB trains only; when the switch is in the Mode II position, the track voltage is lowered for the operation of HO scale or smaller locomotives.

INDICATORS

POWER MONITOR

The Power Monitor lamp is used to give an approximate indication of output voltage. You will find this very useful in detecting shorts or opens on your track, etc. If the throttle control is left in an ON position and the lamp light intensity increases, this indicates less current is being drawn. If the light becomes less intense, more current is being drawn. If the lamp goes out suddenly, this indicates a short circuit and will shortly be followed by the circuit breaker cutting off the power. A slight flickering of this lamp during operation or during switching the POWER SWITCH "ON" or "OFF" is normal and does not indicate a problem.

OUTPUT TERMINALS

TRACK D.C.

These two terminals should be connected to the track mainline. Direction is controlled by the switch on the front panel. If the switch position does not correspond to the train direction, just reverse the two wires to these terminals. The speed control will control the output from these terminals.

ACCESSORIES A.C.

These two terminals are for use with AC accessories only, such as switch machine controls, lights, an MRC Tech II Cab Control, etc. Hook-up polarity does not matter.

PARENTS-PLEASE NOTE

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

FOR YOUR PROTECTION

- 1) Never reverse a locomotive without stopping it first. To do so may damage the locomotive engine.
- 2) Never connect a locomotive to the AC terminals of your TRAINPOWER 6200 as this may damage your locomotive motor.
- 3) Turn the power switch off at the end of a day's operation.
- 4) When a short circuit or power overload occurs and the circuit protector trips, turn the TRAINPOWER 6200 off and correct the short or overload. Allow two to five minutes for the thermal circuit protector to reset before turning your unit back on.
- 5) Avoid prolonging overloads and short circuits. While your TRAINPOWER 6200 is equipped with several safety devices to prevent accidental damage due to short circuits and overloads, it is unwise to subject it to these conditions frequently.
- 6) Do not operate HO or smaller scale locomotives with the mode switch in the Mode I position.
- 7) Do not store the power pack in a damp area.
- 8) For best performance, keep the wheel and track surfaces clean. Intermittent and "jerky" operation are often caused by an oxide coating which has formed on the track, wheels, or track pick-ups on the locomotive.
- 9) Before returning your unit for repair or service, make certain it is defective. Do not shut down your layout unnecessarily.
- 10) If it is necessary to return your unit, repack it in its original carton and then in an outer carton, placing at least four inches of packing material on each side. Mail unit to:

Model Rectifier Corporation
80 Newfield Avenue
Edison, New Jersey 08837

Be certain to send the unit Parcel Post insured or United Parcel Service, and Include a letter with your name and address printed clearly, describing the problem you are experiencing.

All of us at MRC would like to join in wishing you many happy years of model railroading with your new TRAINPOWER 6200.

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