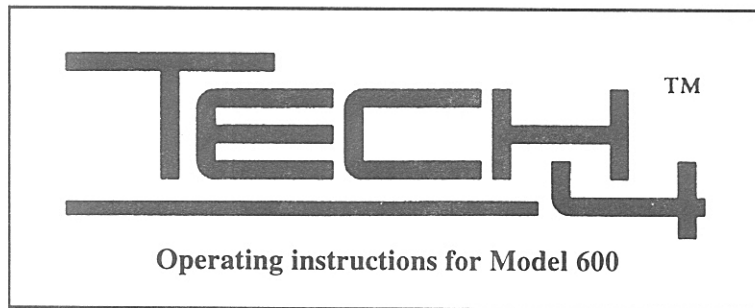


Caution - Electrically Operated Product.

As with all electrical products,
precautions should be observed during
handling and use to reduce the risk of
electric shock.



Not recommended for children
under 8 years of age.

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.



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80 Newfield Avenue • Edison, NJ 08837
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INS 2267

CONGRATULATIONS!

You have just purchased an advanced train control. The Tech 4 600 offers precise slow speed control, plenty of reserve power and a high grade advanced engineering resin thermoplastic housing for durability and safety. We are confident that you will enjoy using your new Tech 4 600 for many years to come.

Specifications:

Model 600

INPUT: 120VAC 60Hz

OUTPUT: 0-17.5 VAC VARIABLE 18.5 VAC FIXED

Total Output: 50VA

Warning:

Children under the age of eight should be supervised by an adult when operating this product.

CONTROLS:

Power Switch: The master On-Off switch disconnects the input power from your Tech 4 and shuts the unit down completely.

Direction Button - The direction button disables the voltage applied to the track and thereby reverses the direction of your locomotive. This button should only be operated when the locomotive is not moving. Pressing the direction button once will cause the loco to idle. Pressed again, the locomotive will travel in the opposite direction. However, the locomotive will reverse direction after the speed control is turned to 0 and the speed control advanced twice. This button will not control locomotives that do not have an E-unit or if the E-unit is deactivated. If you are going to operate the locomotive in one direction, such as on a layout with automatic station stops or insulated blocks, the E-unit must be turned off and the direction button will be inoperative.

Throttle Control - The throttle is used to set the speed of the locomotive you are controlling. Remember, if your locomotive is equipped with an E-unit, the locomotive will reverse direction after the speed control is turned to 0 and the speed control advanced again.

Horn/Whistle Button - This button is a spring return button. To activate a horn or whistle on your locomotive, push the button. The sound will stay on as long as the button is depressed.

INDICATORS:

Pilot Light: All Tech 4 units have a pilot light that is a Light Emitting diode (LED). The LED will glow when the power switch is in the ON position.

Overload Indicator: In the event of a short circuit or overload, the circuit protector will trip. Your overload indicator will light giving a visual indication of a problem.

TERMINALS:

Variable AC - The terminals marked 1 and 2 are for attachment of your Tech 4 to the main line of your layout. Connect terminal 1 to the inner rail or to the clip 1 on a track lockon, and terminal 2 to the outer rails or to the clip 2 on a track lockon. If the whistle or horn does not operate after making this connection, reverse the connections to the rails from the powerpack.

Accessories AC: These terminals supply fixed AC voltage for use with AC accessories. Polarity does not matter.

Note: When connecting to any terminal, care must be taken that wires do not touch more than one terminal at a time. Loose wires are a danger to your unit and layout. Be certain wires are properly wrapped around terminals before tightening screws. It is recommended that the power pack be turned off before performing any wiring.

SERVICE:

Your Tech 4 600 has been thoroughly tested at the factory. If for some reason your Tech 4 600 is properly connected and still does not function properly, it may have to be returned for service. If you have any questions please call the MRC customer service number 732-225-6360.

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. Be certain to send the unit Parcel Post Insured or United Parcel Service and include a clearly printed letter with your name, address and daytime phone number, along with a description of the problem you are experiencing. Please include Visa or Master Card account number, personal check or a money order in the amount of \$7.00 for shipping and handling. Mail unit to:

**Model Rectifier Corporation
80 Newfield Avenue, Edison, NJ 08837-3817**

For Your Protection

1. Never reverse a locomotive without stopping it first. To do so may damage the locomotive motor.
2. Never connect a locomotive to the accessory terminals of your Tech 4 600. This may damage your locomotive motor.
3. Turn power switch off at the end of the day's operation.
4. When a short circuit or current overload occurs and the circuit protection device trips, place the Tech 4 600 on-off switch in the OFF position, place the throttle in the STOP position and correct the short or overload. Allow 2-5 minutes for the circuit protection device to reset before turning your unit back ON.
5. Avoid prolonged overloads and short circuits. Your Tech 4 is equipped with safety devices to prevent accidental damage due to short circuits and overloads but it is unwise to subject the unit to these frequently.
6. Children under the age of eight should be supervised by an adult when operating this product.
7. For best performance, keep wheel and track surfaces clean. Intermittent and "jerky" operation is often caused by an oxide coating, which has formed on the track or wheels.

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