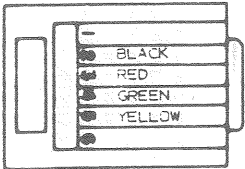


WIRING DIAGRAM



When wiring 6 position Modular line cord sockets for use in your layout, please follow the diagram for proper operation.

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

- FOR YOUR PROTECTION -

- (1) Read all safety comments provided with the Trainpower 5 before using it with the Walkaround 5 controller.
- (2) Before returning your unit for repair or servicing, make certain it is defective. Do not shut down your layout unnecessarily.
- (3) 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 the unit to:

Model Rectifier Corporation
2500 Woodbridge Avenue
Edison, New Jersey 08817

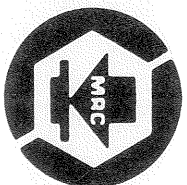
Be certain to send the unit Parcel Post insured or United Parcel Service, and include a letter with your name and address printed clearly, describing the problem you are experiencing.

All of us at MRC would like to join in wishing you many happy years of model railroading with your new Walkaround 5.

MODEL RECTIFIER CORPORATION

Printed in U.S.A.

INS-2208



OPERATING INSTRUCTIONS FOR WALKAROUND 5 REMOTE CONTROLLER for the TRAINPOWER 5

CONGRATULATIONS!

You have just purchased one of the most advanced options for the Trainpower 5. MRC's new Walkaround 5, with "Light Touch" control buttons and quick-disconnect plug, expands the capability and usefulness of your Trainpower 5. The Walkaround 5 enables you to duplicate the controls on the main unit of the Trainpower 5 except for the power ON-OFF switch and reverse loop switch, and yet the controller is handy and lightweight. The Walkaround 5 is lightweight and easy to use. As you operate your layout with the Walkaround 5 and Trainpower 5, you will appreciate the convenience and quality design.

CONTROLS

POWER SWITCH

THE POWER SWITCH ON THE TRAINPOWER 5 MUST BE ON FOR THE SYSTEM TO OPERATE.

REMOTE SWITCH: This switch is for use with the Walkaround 5. When the Walkaround 5 is used, the remote switch must be placed in the ON position. The controls on the Trainpower 5 main unit will not operate with the Remote switch turned ON, except for the POWER SWITCH and the Reverse Loop Switch.

DIRECTION CONTROLS

There are two (2) "LIGHT TOUCH" buttons that are used to control the voltage polarity that is applied to the track and thereby control the direction of travel for your locomotive. These buttons are "LIGHT TOUCH" controls and have to be pressed to change direction. These switches should only be operated when the locomotive is not moving. There are two (2) triangular Light Emitting Diodes on the Trainpower 5 that will glow to indicate which direction switch button has been activated.

MOMENTUM SWITCH

The MOMENTUM SWITCH in your Walkaround allows operation in either of two modes.

- (1) With the switch in the OFF position, a change in the throttle setting will result in an immediate change in the locomotive speed.
- (2) With the switch in the ON position, the locomotive speed reacts slowly and gradually, like a real locomotive, as the "LIGHT TOUCH" buttons are depressed.

MODEL RECTIFIER CORPORATION

2500 WOODBRIDGE AVE., EDISON, N.J. 08817
(201) 985-7800

INERTIA CONTROLS

Acceleration

By rotating this control clockwise, you will decrease the amount of time the locomotive will take until reaching the greater speed you have determined by the throttle setting.

Deceleration

By rotating this control clockwise, you will decrease the amount of time the locomotive will take until it slows down to the speed you have determined by the throttle setting.

NOTE: By turning the throttle up or down, the locomotive speed will remain unchanged until the "LIGHT TOUCH" buttons are depressed (while in the Momentum ON mode).

ACCELERATION (ACCEL) - LIGHT TOUCH BUTTON

By depressing this button, the locomotive will respond by increasing speed. The rate in which the speed is increased is determined by the Acceleration inertia control setting.

DECLARATION (DECEL) - LIGHT TOUCH BUTTON

By depressing this button, the locomotive will respond by decreasing speed. The rate in which the speed is decreased is determined by the Deceleration inertia control setting.

NOTE: These buttons must be continually depressed or intermittently depressed until desired locomotive speed is attained.

The MOMENTUM SWITCH, the INERTIA CONTROLS, and the LIGHT TOUCH BUTTONS will add substantially to your Model Railroading enjoyment. When a real locomotive is given an increase in throttle setting, there is a lag time or delay. Similarly, when braking a real locomotive, a considerable distance is needed in order to stop. Since lightweight models do not mimic this delay on their own, the TRAINPOWER 5 circuitry is used to create it electrically.



THROTTLE CONTROL

The throttle is used to set the speed of the locomotive you are controlling. When the MOMENTUM SWITCH is in the OFF position, your locomotive will immediately accelerate to the speed dictated by the throttle and will decrease immediately when the throttle is turned down. However, when the MOMENTUM SWITCH is in the ON position, the speed of the locomotive and the amount of time it will take to reach that speed are determined by the INERTIA CONTROLS (acceleration and deceleration). The acceleration and deceleration of the locomotive are controlled by the LIGHT TOUCH buttons. The maximum speed or minimum speed the locomotive will achieve is determined by the throttle position.

REMOTE CONTROLLER SOCKET

This socket on the back of the Trainpower 5 is for use with the Walkaround 5. The cord from the hand-held controller must be plugged into the socket for the Walkaround 5 controls to operate properly.

HOWEVER, There is an extra feature of the Walkaround 5 control for ease of use. After adjusting the controls on your Walkaround 5, you can unplug the Walkaround 5 cord from the Remote Controller Socket, and the train will continue to operate. By using modular telephone line cords, sockets and telephone line cord extensions available from electrical supply stores, you can add sockets around your layout for your convenient use of the Walkaround 5 and Trainpower 5. For instance, you can use the Walkaround 5 to control your locomotive on one side of your layout, then unplug the hand-held controller and reattach the Walkaround 5 into another socket at the other end of your layout.

CAUTION:

- A) When disconnecting your Walkaround 5, be sure to squeeze the small tab on the plug for easy removal of the plug from the Remote Controller socket.
- B) If you add extra sockets to your layout, you must maintain the same wiring, otherwise the Walkaround 5 unit or the Trainpower 5 may fail to operate properly.