

# DCS

BY MTH ELECTRIC TRAINS

DIGITAL COMMAND SYSTEM

MTH  
ELECTRIC TRAINS

DCS REMO

SMPH: 10  
1: SP DAYLIGHT  
S01 LIN MPS S11

# OPERATOR'S MANUAL

Fifth Edition

S1 S2 S3 S4 S5  
B/L PWS  
FELL ENG SW ON/OFF  
TR MIC

MENT

LABOR  
REPAIR

BOOST

DIR



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# Take Total Control



## SYSTEM REQUIREMENTS

Maximum Power Input:

**AC Power Supply**  
0-22VAC, 190VA, 10.0 AMP

**DC Power Supply**  
24VDC, 10.0 AMP

**Auxiliary Power Supply**  
12-22VAC, 1.5 AMP

Welcome to the world of digital command control! M.T.H. Electric Trains® has developed the most advanced and user-friendly layout control system available in model railroading today. The Digital Command System (DCS) allows you to achieve realistic operation heretofore unknown in the hobby. DCS was designed so that even the most advanced operations can be performed easily, so you can quickly begin to enjoy the hobby at a whole new level.

With DCS you can control every command-capable locomotive on your layout, including TMCC locomotives, independently. For Proto-Sound® 2.0 locomotives, you can adjust lighting, chuff rate or diesel rev level, sound and smoke volume for each locomotive; dial up a specific scale speed; program multiple-headed locomotives to act as one; record and playback an operational script; and much, much more.

These operating instructions include Quick-Connect instructions that tell you how to set up a loop of track quickly and get running right away, so you can gain the benefit of DCS command features as soon as possible. The Quick-Connect section is followed by more advanced connection and operation information.

### CAUTION: ELECTRICALLY OPERATED PRODUCT:

Recommended for Ages 14 and up. Not recommended for children under 14 years of age without adult supervision. As with all electric products, precautions should be observed during handling and use to prevent electric shock.

### WARNING: When using electrical products, basic safety precautions should be observed, including the following:

Read this manual thoroughly before using this device.

- M.T.H. recommends that all users and persons supervising use examine the hobby transformer and other electronic equipment periodically for conditions that may result in the risk of fire, electric shock, or injury to persons, such as damage to the primary cord, plug blades, housing, output jacks or other parts. In the event such conditions exist, the train set should not be used until properly repaired.
- Do not operate your layout unattended. Obstructed accessories or stalled trains may overheat, resulting in damage to your layout.
- This train set is intended for indoor use. Do not use if water is present. Serious injury or fatality may result.
- Do not operate the hobby transformer with damaged cord, plug, switches, buttons or case.

This product may be protected by one or more of the following patents: 6,019,289; 6,280,278; 6,281,606; 6,291,263; 6,457,681; 6,491,263; 6,604,641; 6,619,594; 6,624,537; 6,655,640.

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