

# SMHK

## Signal Hardware Mounting Kit

### Features & Specifications

- Under layout mounting hardware for signal driver cables and sockets.
- Makes it simple to install signal driver cables and sockets.

### Parts List

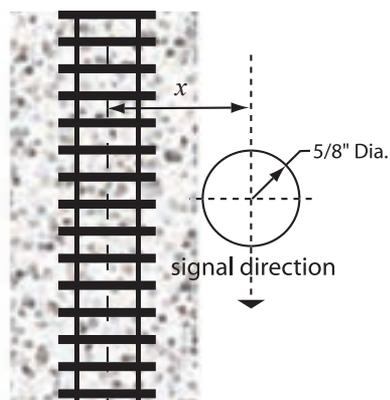
6 Metal signal installation straps

6 Signal spacers

### Installation Instructions and Alternatives

The signal heads can be mounted in several different ways using the Plug 'N Play Signal Masts, Signal Driver Cable and its sockets. Mark the locations where the signal will be placed in the layout. If using the Plug 'N Play Signal Masts, drill a 5/8" hole next to the track as indicated in the following figure. This will allow the base of the mast to pass through the layout board and plug into the Signal Driver Cable below the board. The hole can be filled with modeling clay to hold the mast upright and allow for a little movement in case the mast is accidentally bumped during operation of the trains. There are several alternatives for mounting the Signal Driver Cables and their sockets under the layout.

See the SE8C manual for details on preparing cables and pretesting all components prior to installation. Consult your layout diagram for location of each signal mast. There are two recommended alternatives for installing the SE8C cable and connectors under the layout using the parts supplied in this kit.



1. Locate the placement of your signal mast on the layout and drill a 5/8" hole through the sub-roadbed next to the track road bed. This will allow the signal mast base to pass through the layout table. The distance ( $x$  in the following diagram) from the center of the track to the signal will be different for each prototype railroad and each model scale.
2. The metal installation straps are used to sandwich the socket and signal driver cable to provide a place for

screws to secure the socket to the bottom of the sub-roadbed. The spacers can be cut to hold the socket in place the correct distance from the sub-roadbed.

## Sample Plug N Play Signal Driver Cable Mounting Options



Here the Signal Mast Base is plugged into a Signal Driver Cable's Socket which is mounted under the layout using Signal Spacers and Metal Signal Installation Straps. Notice that here, we used two signal installation straps to hold the signal driver cable and socket in place.



Here two Metal Signal Installation Straps are used to hold the Signal Driver Cable's Socket in place. The Signal Mast Base is inserted through a hole in the layout and the hole is filled with clay to hold the signal mast upright. In this case, the socket is floating to allow some "wobble room" in case the signal is disturbed during operation.



Here Metal Signal Installation Straps are used to twist the Signal Driver Cable under the layout to position the sockets in the proper orientation for signal installation. The last socket on the Signal Driver Cable is held in place with clay alone.

There are many more possibilities for mounting your signals on your layout and the wires under your layout, these are just a few examples to help you get started.



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Signal Mounting Hardware Kit

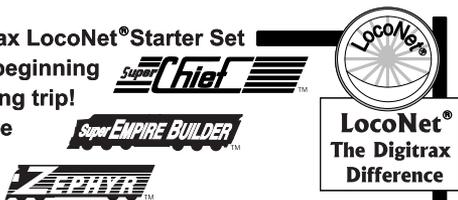
# Movin' Down The Tracks With Digitrax® Digitrax Command Control

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Power Supplies



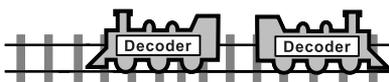
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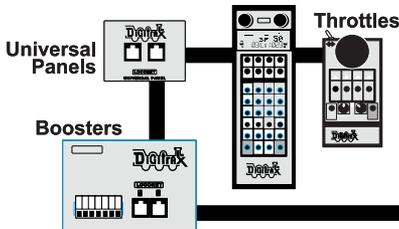
## Locomotive Shops

Mobile Decoders  
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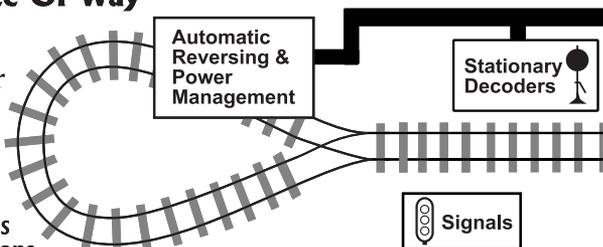
## More Fun For Everyone

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Make your layout more fun & simpler to operate!

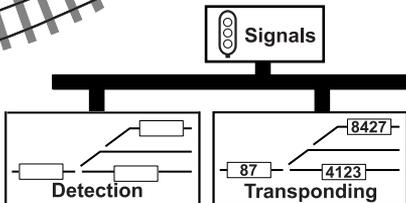


## Computer Controls

PDA Throttles & Applications  
Computer Interfaces  
Programmer

## Putting It All Together

The Digitrax Big Book of DCC



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