SNABC

N Scale Turnout Signal Mast Kit with A,B, and C Configurations

Features:

- Makes all of your signals plug 'n play with small 10 pin connectors.
- Can be used as a basic N scale signal.
- Mounting board and hardware included.
- Current setting resistors are built in to the board.
- Easy plant setup with A, B, and C mast configurations.
- Pads are provided to make it easy to attach any signal to the mast base.

Parts List

1 SNA Dual Head Signal Mast	1 SNB Single Head Signal Mast
1 SNC Single Head Signal Mast	3 SMP1 Mounting Boards
3 Sets Mounting Hardware	1 Instruction Sheet

Signal Masts

The Digitrax Plug 'N Play Signal Mast consists of a signal mast with one or two signal heads depending on mast configuration. Included with the kit are mounting boards and hardware that makes it easy to mount and connect the signal mast to the SE8C signal driver cable. This product is intended for use with the SE8C and other Digitrax signaling decoders. It is recommend that you thoroughly review those manuals and have a working knowledge of signaling systems.

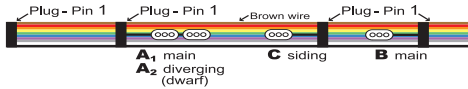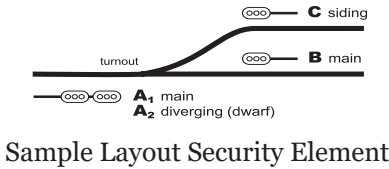## How do you use these signal mast circuit boards?

These signal masts are designed for simple installation and do not require any additional decoration. If desired the boards can be painted or have additional components added for a more realistic appearance. Be sure any additional decorations are non-conductive to avoid creating any short circuit on the board.

The Plug 'N Play Signal Mast Base has a small 10-pin plug that simply plugs into the socket on the SMP1 mounting board. The SMP1 is designed to be easily installed underneath your layout. Once mounted the SE8C signal driver cable can be connected to the bottom of the SMP1 and then back to the SE8C.
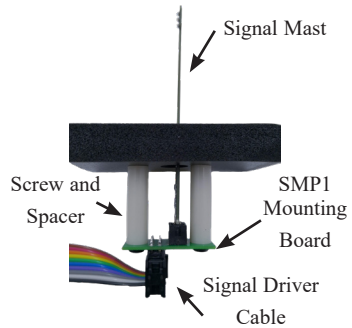
To mount the signal masts and SMP1 start by locating where you want the signal mast to be installed. Drill either a 3/8" hole or suitable slot down through the top of the layout. Next locate the SMP1 under the hole so that the signal can be installed by plugging it in from the top of the layout. The black connector should be facing up. Use the included screws and spacers to attach the SMP1 to the bottom of your layout. Insert the signal down through the top of the layout and seat it in the black connector. The included spacers can be cut to adjust the height of the signal based on the thickness of the layout surface. Finally connect the SE8C signal driver cable to the downward facing pins on the SMP1. Pin 1 is indicated on the SMP1 and should be towards the brown wire in the ribbon cable.

Please review the SE8C manual and visit www.digitrax.com/signaling/ for additional information.
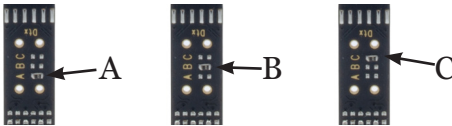
Example Installations

Sample Layout Security Element

turnout

C siding
B main
A₁ main
A₂ diverging (dwarf)

Plug - Pin 1   Plug - Pin 1   Brown wire   Plug - Pin 1

A₁ main
A₂ diverging (dwarf)
C siding
B main

Signal Driver Cable Example

Signal Mast

Screw and Spacer

SMP1 Mounting Board

Signal Driver Cable

Example Signal Mast Installation

Signal Type Identification

Signal masts are marked as A,B, or C configuration by the placement of a marker resistor in the middle of the board below the mast pole.

A   B   C

Warranty & Repair

Digitrax gives a one year *"No Worries" Warranty* against manufacturing defects and accidental customer damage on all Digitrax command stations, boosters, throttles, decoders, power supplies and layout control devices.

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