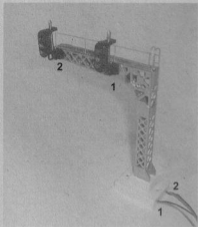


RailKing Scale Cantilevered Signal Bridge Operating Instructions

The RailKing® Scale Cantilevered Signal Bridge has two independent operating circuits. One circuit controls the operation of the Signal Block(s) in the "1" location, the other circuit controls the operation of the Signal Block(s) in the "2" location. The circuits are hooked up and operate identically.

Note:

There is a "1" and a "2" in the underside of the cantilever arm and next to the wire exit holes for easy reference.



Wiring the Signal Block Circuits:

1. Connect a RealTrax® ITAD to your layout in the desired location of activation. If using a mechanical TAD, you will need to supply ground (-) connection separately from track or auxiliary power.
2. Connect the black wire to the Common (-) terminal of the ITAD.
3. Connect the red wire to the Normally Open (NO) terminal of the ITAD.
4. Connect the green wire to the Normally Closed (NC) terminal of the ITAD.

When power is first applied to the Cantilevered Signal Bridge Signal Block, the yellow LEDs will illuminate for ~10 seconds. Then, the yellow LEDs will go out and the green LEDs will illuminate. When the ITAD 'senses' that the track is occupied, the green LEDs will go out and the red LEDs will illuminate. When the ITAD resets, the red LEDs will go out and the yellow LEDs will illuminate.

Positioning the Signal Blocks:

The RailKing Cantilevered Signal Bridge has attachment sites for 4 Signal Blocks. To remove a Signal Block, simply grasp it close to the cantilevered arm and pull. To attach a Signal Block, plug it into one of the 4 attachment sites. The plug is keyed so that it will only attach in the proper alignment.