

RailKing Scale 3 Over 3 Signal Operating Instructions:

The RailKing® Scale 3 Over 3 Signal has two independent operating circuits. As viewed from the front, the wires emanating from the left side of the base control the lower signal head and the wires emanating from the right side of the base control the upper signal head. The independent circuits are hooked up and operate identically.



Upper Signal Head

Lower Signal Head

Wiring the Signal Head Circuits:

1. Connect a RealTrax® ITAD to your layout in the desired location of activation (where your train/consist will be when the lower and/or upper signal head(s) is activated). 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 to the Normally Closed (NC) terminal of the ITAD.

Operation:

When power is first applied to the Signal Head circuit, the YELLOW LED will be illuminated for ~10 seconds. After ~10 seconds, the GREEN LED will illuminate. When the ITAD 'senses' that the track is occupied, the RED LED will illuminate. When the ITAD resets, the YELLOW LED will be illuminated and the cycle repeats.