

# O Scale 2-Head Target Signal Operating Instructions

The RailKing O Scale 2-Head Target Signal has two independent operating circuits. As viewed from the front, the wires emanating from the left side of the base control the upper signal head and the wires emanating from the right side of the base control the lower signal head. The independent circuits are hooked up and operate identically.

## Wiring The Signal Head Circuits:

1. Connect a RealTrax® or ScaleTrax® ITAD (Infrared Track Activation Device) to your layout in

the desired location of activation (the point on your layout where the train/consist will be located when the lower and/or upper signal head(s) is activated). If using a RailKing mechanical TAD, you will need to supply a 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.

## Operation:

When power is first applied to the Signal Head circuit, the YELLOW LED will be illuminated for approximately 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 rests, the YELLOW LED will be illuminated the cycle repeats.

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