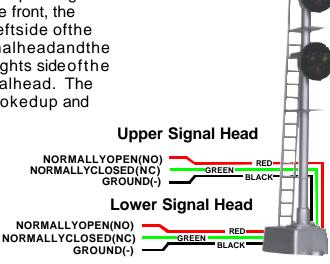
## O Scale 2-Head Target Signal Operating Instructions

TheRailKingOScale2-HeadTarget Signal hastwo independent operating circuits. Asviewed from the front, the wires emanating fromtheleftside of the base control theuppersignal head and the wires emanating from the rights side of the base control the lower signal head. The independent circuits are hooked up and operate identically.

## WiringTheSignalHead Circuits:

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



thedesiredlocation of activation (the point onyourlayoutwhere the train/consistwill belocatedwhenthe lowerand/or upper signal head(s) is activated). If using a Rail King mechanical TAD, you will need to supply a ground (-) connections eparately from trackorauxiliary power.

- 2. Connect the BLACK wiretotheCommon(-)terminaloftheITAD.
- Connect the RED wire totheNormally Open(NO)terminalofthelTAD.
- 4. Connect the GREEN wire to the Normally Closed (NC) terminal of the ITAD.

## **Operation:**

Whenpowerisfirstappliedtothe Singal Head ciruct, the YELLOWLED 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 YELLOWLED will be illuminated the cyclerepeats.

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M.T.H. Electric Trains. 7020 Columbia Gateway Drive, Columbia, MD 21046-1532



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