

# RailKing® O-Scale Crossing Gates

## Operating Instructions:

### Operation:

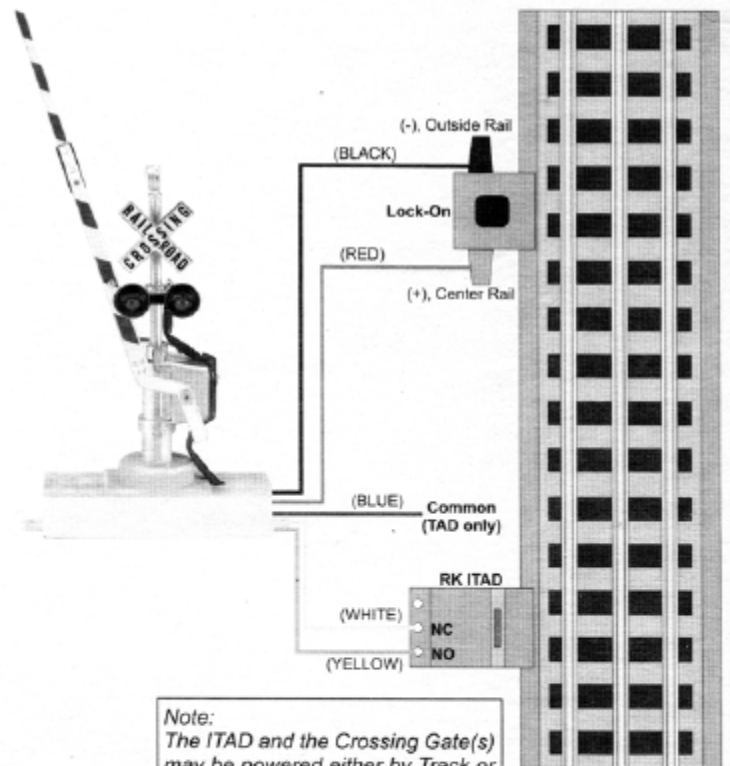
The RailKing® O-Scale Crossing Gates are designed to provide the most prototypical operation of any O-Gauge Crossing Gate. The motor driven gates rise and fall slowly - just like real crossing gates. The flashing lights (LED's) operate when the gates are lowering, at fully lowered position, or when the gates are rising.

The operation cycle is as follows:

- RK ITAD, TAD or isolated track block activates Crossing Gate(s).
- LED's flash, gate(s) begin to lower at prototypical slow speed.
- Gates reach fully lowered position after ~2 seconds; LED's remain flashing.
- RK ITAD, TAD or isolated track block is cleared; gate(s) begin to rise, LED's remain flashing.
- After ~2 seconds, gate(s) reach fully raised position, LED's stop flashing.

### Wiring Instructions:

- Connect the BLACK wire to the black binding post (outside rail) on the RealTrax Lock-On. If using Auxiliary Power to provide power to the Scale Crossing Gate(s), connect the BLACK wire to the (-) terminal on the transformer.
- Connect the RED wire to the red binding post (center rail) on the RealTrax Lock-On. If using Auxiliary Power to provide power to the Scale Crossing Gate(s), connect the RED wire to the (+) terminal on the transformer.
- Connect the WHITE wire to the normally closed (NC) terminal on the RK ITAD or TAD.
- Connect the YELLOW wire to the normally open (NO) terminal on the RK ITAD or TAD.
- If you are using a TAD instead of the RK ITAD, connect the BLUE wire to the Common terminal. Otherwise, leave the BLUE wire disconnected.



*Note:  
The ITAD and the Crossing Gate(s)  
may be powered either by Track or  
Auxiliary Power. Please refer to the  
ITAD instruction sheet for proper  
ITAD wiring.*