



Complete Train Control
Run Your Trains, Not Your Track!

BD4

All Scales

**Occupancy Detector
For 4 Detection Sections
For use with DS64 or SE8
Series Stationary Decoders**

**Occupancy Detection
5 Amps Peak, 3 Amps Continuous**

Features

- **Occupancy Detection** for 4 detection sections lets you know when rolling stock is in a detection section on your layout
- **Outputs for LEDs** to indicate local detection section occupancy and zone power status on a panel mounted display
- **3 Amp capacity** per detection section
- **Connect to LocoNet** via your DS64 or SE8 series decoder to transmit occupancy information to your LocoNet system (works with the older DS54 too)
- **Detects any powered locomotive**
- **Detects un-powered rolling stock equipped with resistor wheel sets**
- **Anti-Chatter Filter** For Reliable Occupancy Detection

Parts List

- | | |
|-----------------|----------------------|
| 1 BD4 | 1 Instruction Manual |
| 1 Block Monitor | |

The BD4 requires a DS64 or SE8 Series Stationary Decoder (sold separately) for LocoNet reporting.

NOTE: The BD4 operates up to a maximum resistance across the tracks of 10Kohms for positive occupancy detection. Do not connect any other devices or loads across the detection section track for proper operation.

Digitrax Manuals and Instructions are updated periodically.
Please visit www.digitrax.com for the latest version of all manuals.

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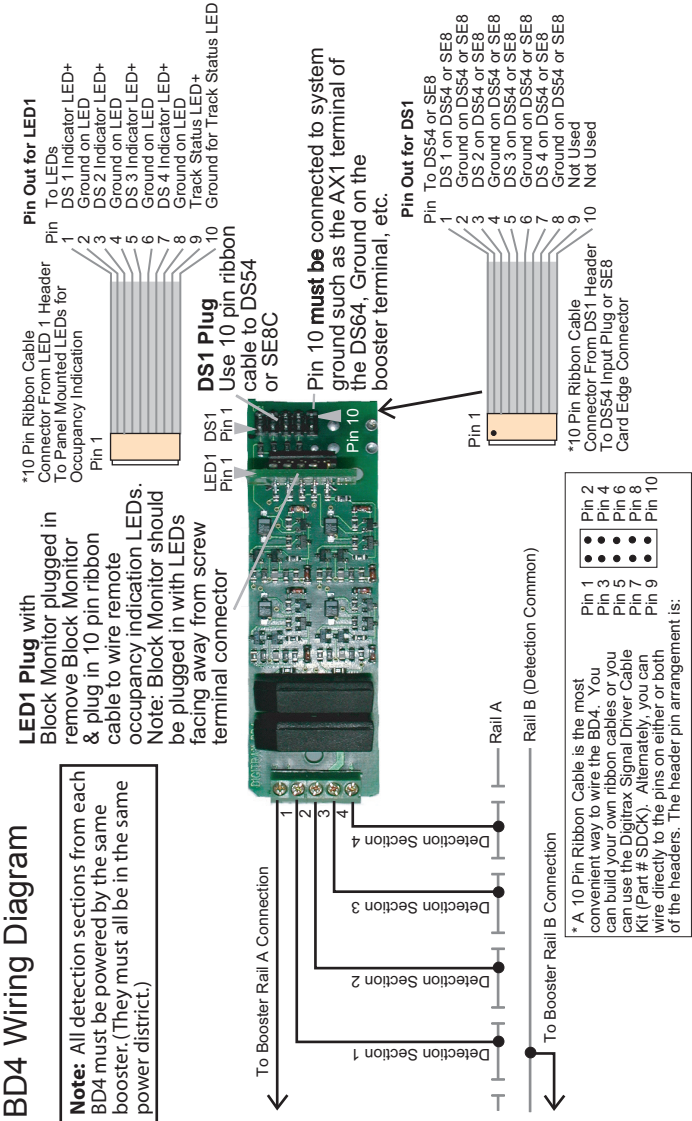


BD4

Occupancy Detector for 4 Detection Sections

BD4 Wiring Diagram

Note: All detection sections from each BD4 must be powered by the same booster. (They must all be in the same power district.)



See www.digitrax.com for additional information about BD4, DS64 and SE8 series decoders.

The BD4's sensitivity can be decreased by connecting a 1/4 watt resistor in the range of 47ohms to 1 Kohm from the DS (detection section) screw terminal to the Rail A screw terminal on the screw connector on the BD4. Each DS 1-4 can be adjusted separately.



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