



Digitrax Command Control

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RD2 Remote Sensing Diodes for BDL16

Remote sensing of 2 detection sections eliminating the need for long runs of heavy gauge wire to BDL16

No modification to BDL16 is needed

Multiple RD2s may be used to remotely detect additional detection sections

Instructions (See illustration on back)

- Example shown for one RD2 in Zone A, Detection Sections 1 & 2
- Additional RD2s may be used for other detection sections if necessary.
1. Mount the RD2 as close to the detection section as possible to keep heavy wire to a minimum.
 2. Make sure that both detection sections in the RD2 are connected to the same zone on the BDL16.
 3. Light gauge (26 AWG) wire can be used for the 3 output connections running from the RD2 back to the BDL16 as shown.
 4. Heavy gauge (18 AWG as shown) wire should be used on the 3 input connections running to the RD2 from the detection section.
 5. The heavy gauge zone common can be connected to multiple RD2s.

RD2 Typical Installation with a BDL16

