



## USING A DWARF SIGNAL FOR DETECTING ROLLING STOCK ON A HIDDEN SIDING

The SL-11, PRR-11 or the OD-11 dwarfs can be used as a detector for rolling stock on hidden sidings. These are used for occupancy and not actual signal aspects. These dwarfs offer a number of different options depending on what you want.

In the illustration below, I have done a number of different options:

1. If you have a power on/off switch for the siding, you can power the dwarf off the track to let you know if the track power is on or off.
2. You can use a separate power source to power the dwarfs. You may need to connect the commons of each power source together.
3. You can use the Yin for a yellow indication to show the train approaching the end of the siding.
4. You can use the Rin for a red indication to show the train at the end of the siding.

### SAMPLE INSTALLATION

This is for 3-rail track. If you use 2-rail track, you will need a separate detector.

