SUNSET VALLEY RAILROAD

Product Instructions
Wiring Switches for Track Power

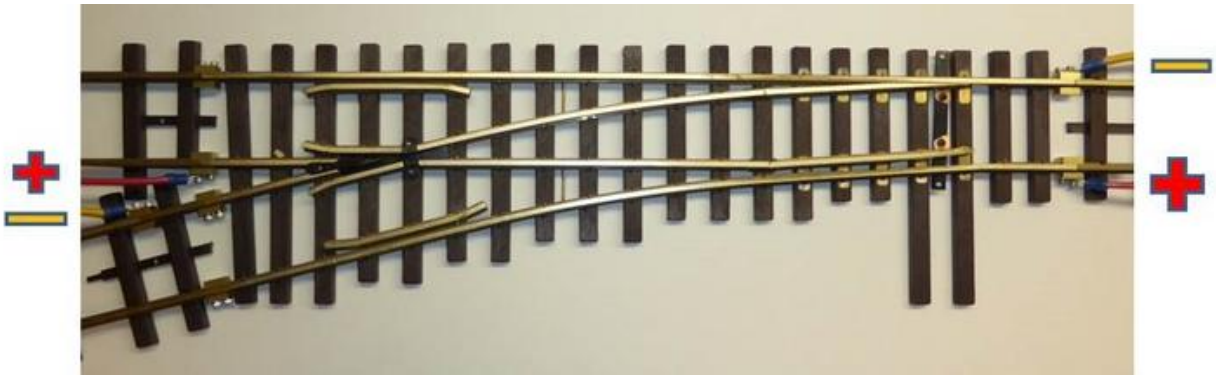
Equipment

- Rail clamps
- Crimped wire terminal
- Wires (ideally multiple colors)

Assembly

The switches are constructed with internal shunts and electrical straps to supply power to the point and closure rails, but because the frogs are made from Delrin plastic, power must be applied to both ends of the switch as shown in the photo below.

1. Using the rail clamps, attach wires with a crimped wire terminal to the rails as follows.
2. Power of one polarity (shown here as red, or positive) is fed to the curved stock rail on the right and to the short straight 'tail' rail coming off the frog on the left.
3. Power of the opposite polarity (shown here as yellow, or negative) is fed to the straight stock rail and the curved tail rail.



4. The power feeds need not actually be made at the switch, they are generally made somewhere on the track that is directly connected to the switch

