



# **RAILROAD WARNING SYSTEM**

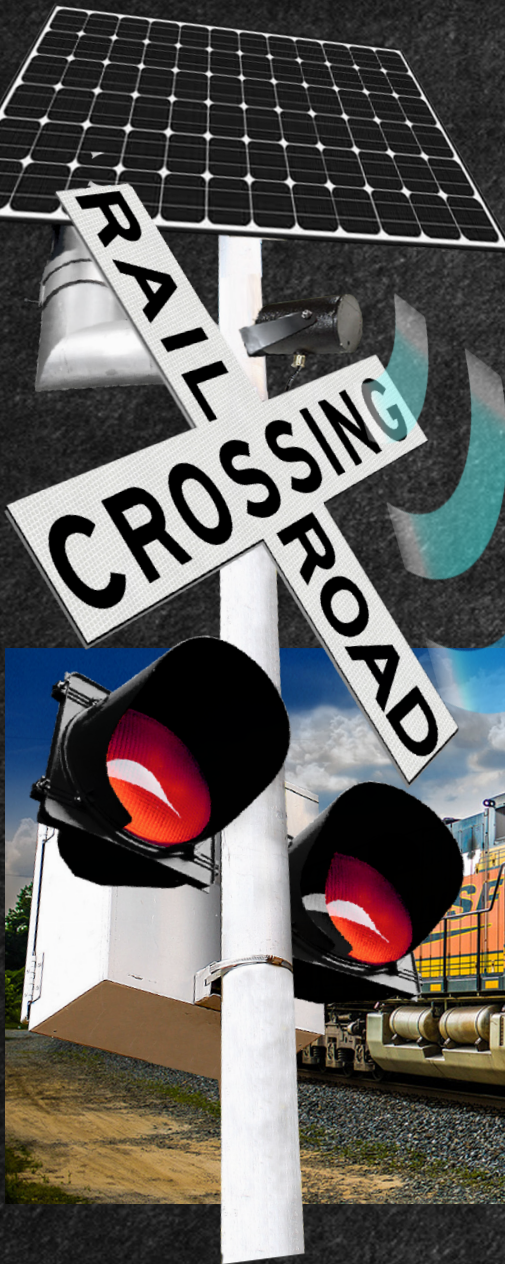
## **WITH RADAR AND KEY FOB ACTIVATION**

**MODEL SLI-117-D12**

The Solar Railroad Warning System from Solar Lighting International, Inc. is an Advanced Warning System utilizing our CrossTalk Controller, Radar Sensor, and Key Fob remote to activate the railroad beacons and railroad crossing bell (optional).

SLI's Solar Railroad Warning System is an efficient and cost saving alternative solution to expensive, traditional wired railroad crossing systems. Our crosstalk controller provides a radio communication link between the key fob remote, the radar sensor, and additional crossing systems.

The Key Fob remote works up to a distance of 700 feet, allowing personnel to activate the Rail Warning System manually. The remote control communicates with up to 4 systems. Once the "on" button is pushed, the beacons will flash for the programmed amount of time. The radar sensor detects an approaching train up to 2,000 feet away.



## **FEATURES**

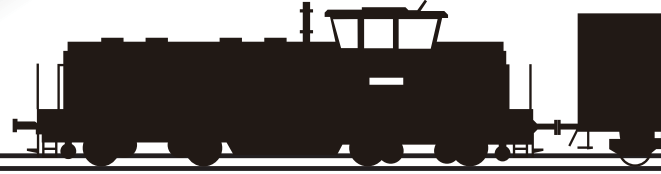
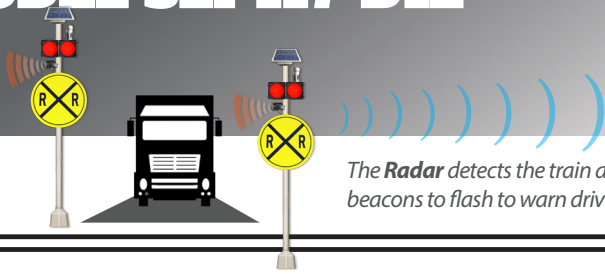
- ▶ Simple Installation
- ▶ Solar Powered
- ▶ Visible Day and Night
- ▶ Smart Solar Charger
- ▶ Automatic Light Output for Maximum Efficiency
- ▶ Super Bright LED Beacons
- ▶ Compact Battery Box
- ▶ Ultra Slim Design
- ▶ Remote Controlled
- ▶ Weatherproof Enclosure

*Our Key Fob Remote activates beacons up to a distance of 700 feet*



# MODEL SLI-117-D12

## RAILROAD WARNING SYSTEM WITH SENSOR ACTIVATION



**Solar Powered Technology** allows this system to operate virtually anywhere. Solar Lighting International's solar panels utilize the most up to date solar technology and electronics to maintain power levels through rain, sleet, heavy snow or strong winds.

**Reflective Sign Material** SLI uses high intensity signage which is MUTCD compliant. Diamond Grade reflective signs are an optional upgrade.

**Railroad Crossing Bell** is the standard bell used by General signal. The volume comes preset but can be adjusted between 85 to 95 decibels. It measures 6" x 18" tall. It operates at less than 0.15 amps of electricity, which is about 10% the power of a mechanical bell. It rings at a set speed of 250 strokes per minute (4.16 strokes per second), has an operating voltage of 7.5 to 17.5 volts D.C.

**Ultra Bright LED Beacons** are the brightest in the industry and are completely weather proof. The LEDs will adjust brightness according to available light in order to conserve energy and battery life and maximize brightness. Adjust the flash rate from 50/50 to 90/10 duty cycle.

**Radar Sensor** detects moving objects starting at 3 mph up to 2,000 feet away.

**Key Fob Remote** A wireless remote control hand-held transmitter and wireless relay receiver work together for manual activation. This multi-channel unit provide the flexibility for numerous functions and user selectable network frequencies allow multiple systems to be used in one area with no interference.

**CrossTalk Controller** device is a compact, all-in-one solar controller, flasher, auto-dimmer and scheduler that is programmed using CrossLink from a central office or via cellular device. The CrossTalk is located inside the control cabinet under the solar panel. CrossTalk can be used to control a single sign or multiple signs at multiple locations by programming through the web-based software.

### Benefits:

- ▶ Convenient hand-held Key Fob remote control activation
- ▶ Radar Sensor activation
- ▶ All controls are enclosed in a protective aluminum control box.
- ▶ LED lighting for low energy consumption and maximum light output
- ▶ CrossTalk provides for remote key fob and radar sensor control
- ▶ Replacement battery can be purchased "off the shelf."
- ▶ Multi-stage battery charger included.
- ▶ Lightweight design
- ▶ Easy Installation and setup



Solar Lighting International, Inc.  
[www.solarlightingintl.com](http://www.solarlightingintl.com)