K&K Systems, inc.
Traffic Safety Products Manufacturer

RAILROAD
WARNING SYSTEM WITH RADAR
MODEL 117-D12

The K&K Railroad Advanced Warning System uses the CrossTalk Advanced Controller and low-power radar triggering to warn traffic of an approaching train. The CrossTalk controller activates the Flashing Beacons and sounds the bell when the Radar Sensor detects the train movement. The CrossTalk allows communication between the beacons, bell, and Radar Sensor wirelessly. Programming on-site is made easy with on-board rotary switches to set beacon flash rate and duration.

CrossTalk Advanced Lighting Controller

FEATURES

- Simple installation
- Solar powered
- Visible day and night
- Smart solar charger
- Automatic light output for maximum efficiency
- Super bright LED beacons
- Convenient drop down control cabinet
- Weatherproof enclosure

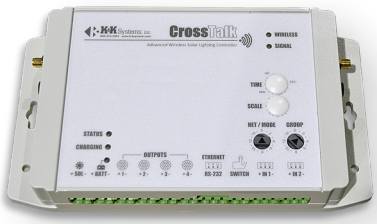
MODEL 117-D12 RAILROAD WARNING SYSTEM
WITH RADAR ACTIVATION

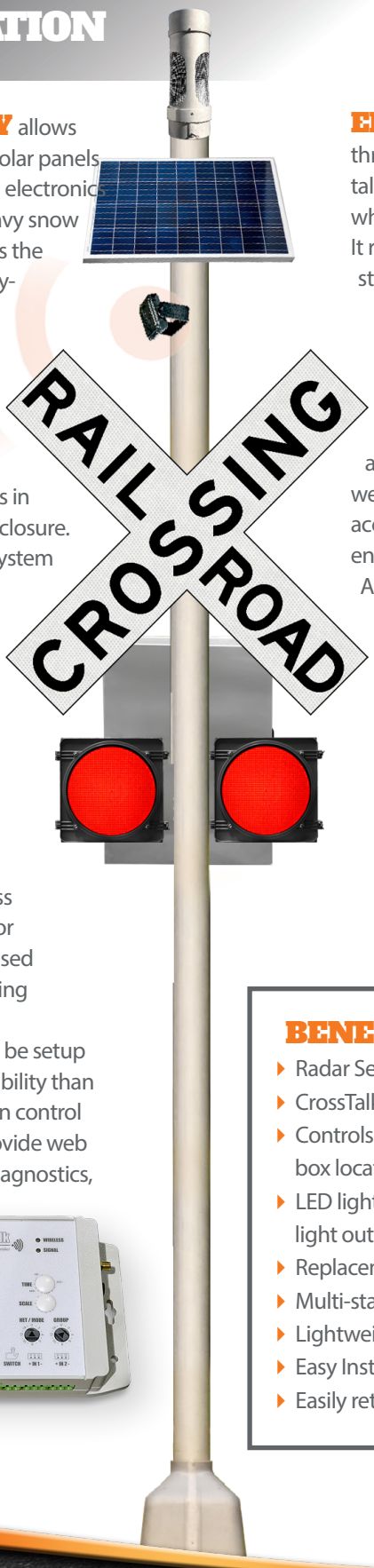
SOLAR POWERED TECHNOLOGY allows this system to operate virtually anywhere. K&K solar panels utilize the most up to date solar technology and electronics to maintain power levels through rain, sleet, heavy snow or strong winds. Built-in blocking diode prevents the reverse flow of electricity. Equipped with a heavy-duty aluminum frame for weather-resistant performance. The Control Box is constructed of aluminum and designed to securely hold the solar panel and protect its contents from the elements.

RADAR SENSOR detects moving objects in a wide area. Heavy duty built in a waterproof enclosure. Solar power and simple installation allows this system to be used virtually anywhere.

REFLECTIVE SIGN MATERIAL High intensity signage and MUTCD compliant. Can be upgraded to Diamond Grade.

CROSSTALK CONTROLLER is an Advanced, Solar-Powered Lighting Controller. On-board cellular technology provides a secure cloud server connection offering real-time access with any internet connected device. Designed for multiple applications, CrossTalk controllers are used for a variety of traffic & safety applications. Utilizing solar power and both cellular and short-range wireless connectivity, CrossTalk applications can be setup quickly and provide more functionality and flexibility than traditional "wired" systems. A single CrossTalk can control multiple nodes across an entire campus and provide web connectivity for schedules, status monitoring, diagnostics, and real-time control.





ELECTRONIC BELL is an electronic bell with three preset volume controls. 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. and can sound between 85 to 95 decibels

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.

CONTROL CABINET is located at the drop down position for easy access to control components. All aluminum weather-tight construction. Lockable latch available.

*Shown on Round aluminum pole.

BENEFITS:

- Radar Sensor activation
- CrossTalk provides for radar sensor control
- Controls are enclosed in a protective aluminum control box located in the drop down position
- LED lighting for low energy consumption, but maximum light output
- Replacement battery can be purchased "off the shelf"
- Multi-stage battery charger included
- Lightweight design
- Easy Installation and setup
- Easily retrofits to existing system

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