"Wireless" Traffic Control Solutions

XR, SR and XSR Smart Solar Flashers

System Configurations

- XR Radio-activated flashers
- SR External trigger activated flashers
- XSR Logic and Radio linked flashers

Features

- Maintenance-free, sealed batteries
- Power-saving DC LED lamps
- License-free radio link
- User programmable
- LCD user interface
- Fully self-contained systems
- High level of integration

Benefits

- Complete documentation package included
- Solar power, a free energy source eliminates need for utility hook-up
- Cost effective, affordable prices to fit your budget
- Low installation and operating costs
- Virtually no maintenance
- Quick to deploy in most locations
- High level of integration minimizes installation time
- Increases public safety
- No power drop; no trenching; no boring; no sweat
- Designed specifically for user's application site*

*We need your project's location, load and duty cycle. Insure that your system is properly designed with a Sizing Report - the basis of your warranty - call STC or visit our website; click on Provide Your Requirements. Fax or email completed form to STC.

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Applications

- High-water warning systems
- Fire station warning signals
- Highway Advisory Radio
- Truck warning signs

The XR, SR and XSR series of Smart Solar Flashers can be configured to meet the demands of many of your projects. Configurations include:

XR Type: This unit includes an XR-type license-free radio receiver (FM 27.255Mhz) with digital coding. Remote control is possible at the touch of a button using a variety of triggering devices connected to the transmitter unit. Radio integrity is maintained using a digital addressing scheme between the transmitter and the receiver.

SR Type: Includes a logic package with application-specific software. The logic allows the input of an external signal to activate the system, which can be programmed to run timed sequences, keep count of events or run until a reset event is detected. Interface to the unit is through an LCD screen on the logic unit and six user buttons which allow for modification of run times or event triggers. Time filtering of triggers is possible to avoid false activations.

XSR Type: This configuration incorporates both the radio and logic functions in one unit. It offers the ability to run timing sequences based on received radio commands. Applications include crosswalk advance flashers; fire station flashers; remote high
water warning flashers and gate flashers for industrial complexes.

Transmitter Packages: Solar Traffic Controls designs various types of triggers/ transmitters for the XR, SR and XSR systems. These include, but are not limited to, wall mount transmitter units with toggle or mushroom switches; handheld transmitters or fixed transmitters tied to a trigger source such as a speed display radar unit.

STC Systems are Cost Effective:
Our 24-hour solar flasher systems allow you to stretch your budget to obtain the traffic safety devices you need at affordable prices. Most systems are equivalent to the cost of obtaining an AC power drop. Battery life for these systems is typically three to six years: less expensive than grid electricity for the same period of time.

Solar Traffic Controls (STC) provides solar-powered traffic control systems for city, state and federal DOTs; police, firefighting and public works departments; facility maintenance and plant safety industries. Our primary products are solar-powered flashing beacon systems used for school zones and 24-hour applications. We also supply specialized flasher systems using environmental sensors and custom communications packages to control the flashing beacon systems. Our product spectrum also includes wireless power systems for ITS, EMS and HAR. STC's products and services are sold through a network of regional distributors who offer technical support for your project.

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