"Wireless" Traffic Control Solutions

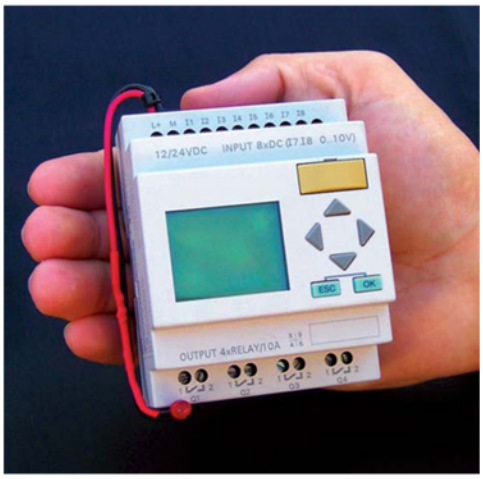
STC-01 Desktop Programmer Package

Solar Traffic Controls presents a novel concept

The palm-sized (2.8"W x 3.5"L x 2.25"H), all-in-one solution, time switch and desktop programmer package. You don't need a laptop or cables with our low-cost, non-volatile memory chip.

Package Includes

- Desktop programmer with AC/DC supply, memory module and status lamp
- Keyed harness to swap out for existing time switch
- Memory cartridge for transferring data between units



Program anywhere. No laptop or cables needed as with competitors' products.

Features

- Backlit LCD display
- Non-volatile program memory
- Six user-interface buttons
- Status LED for testing
- 4-line by 12-character display
- 48-hour capacitive time/date memory*
- Military time format to reduce data entry errors
- Up to 12 alternate schedule program periods per year and 16 holiday skip periods per year
- Up to 6 activation periods per day in basic program
- Automatic leap year and daylight savings time correction

Benefits

- Self-contained unit with instructions
- Use to train personnel
- Program anywhere: in the office or the field
- No computer laptop or cables needed as with competitors' products
- Additional memory cartridges available

*Capacitive memory retention time is temperature dependent, listed value is at 25°C.

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Applications

- School zone flashers, AC/DC
- Load control timer
- Lighting load timer
- Radar speed display timer

The STC-01 Time Switch Desktop Programming Package is a self-contained module which eliminates the need for additional software, a host computer and programming cables of any kind. Program parameters are changed on the desktop programmer
and transferred to the memory chip included. The chip is then used for programming field units.
If your program parameters are for elementary, middle/junior high and high schools with different run-times, a memory chip is required for each school. This simplifies user programming from year-to-year as the school schedules stay relatively the same throughout the year, and you only have to edit the days in each memory chip.
Reliability and ease of programming has been tested on 50 systems located in temperature extremes from the hot Arizona desert to frigid Canadian cities.
A complete documentation package is included.

Solar Power: a free source of energy
Our solar-powered systems are designed for quick and easy installation in the field. STC's careful front-end engineering minimizes your installation costs and provides years of trouble-free operation. The standard solar power system includes the solar array, system enclosure with all the necessary electronics, color-coded wiring harnesses, sealed batteries and full documentation. DC LED lamp kits can also be purchased. These include the LED beacon, lamp housing, and mounting hardware.

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.

For more information: Solar Traffic Controls, LLC • 1930 E Third St, Suite 21 • Tempe, AZ 85281-2929 USA
Tel: 480.449.0222 • Fax: 480.449.9367 • info@solar-traffic-controls.com • www.solar-traffic-controls.com