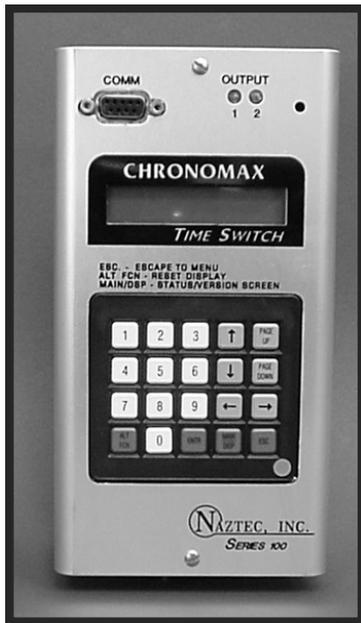


## Chronomax Programmable Time Switch



### FEATURES

- Complete menu-driven operation
- Single Form C relay for AC operation
- Dual flashing 3-amp output with adjustable duty cycle for DC solar operation
- 64 multi-combination program steps
- 32 Annual Exceptions, 32 Period Exceptions, 64 Floating Exceptions
- RS-232 interface to closed loop systems, PCs, modems, and other clocks
- Special transfer menu allows transfer of database information
- Non-volatile program storage in EEPROM
- 48-hour capacitive power back-up

The Trafficware **Chronomax Programmable Time Switch** is a premier dual-output, time-switch featuring intuitive, user-friendly operation. The user can access all functions of the time switch through a user-friendly interface. The relay outputs can be programmed with up to 64 steps. For each step, either output may be turned on or off at a specific time and day (or combination of days, weekdays, weekend, or everyday). Likewise, the dual DC flasher output has the same 64 step capacity, and a power saving programmable feature that permits control of the duty cycle.

A total of 128 schedule exceptions are provided in a variety of formats. An exception is considered a period of non-operation. Annual exceptions are available in which the user simply enters the starting and stopping month and day of the month. Annual exceptions are considered valid for any year. Period exceptions, which are very similar to annual exceptions, allow the user to enter the full starting and stopping dates of the exception. The exception will be considered valid for only the year designated. Finally, floating exceptions permit the user to specify days of non-operation by the specific occurrence of a day within a month, and a number of days which follow it (i.e., Thanksgiving, fourth Thursday of November).

The Chronomax allows the user to select either synchronization with the AC input line (60 Hz) or an internal crystal operation for its timing reference. In the event of an AC power failure, the clock will automatically switch to crystal operation in order to retain the proper time. Power is supplied for up to 48 hours by a capacitive back-up system.

The RS-232 interface, standard in all Chronomax Time Switches, enables a user to transmit data from clock-to-clock or PC-to-clock for quick and error-free programming. This serial communications port also interfaces to nearby closed-loop systems via modem, radio, or pager. The user may choose to upload or download single databases, miscellaneous setup data, or all program information through the RS-232 port.

