

TC-18 SCALABLE TIME BASED CONTROLLER

ELTEC has been a leading provider of programmable time clocks used primarily in the traffic industry to control flashing beacons in school zones. Like the NTC-17E that precedes it, the TC-18 has 1 or 2 separately programmable relay outputs. It also includes an integral DC flasher. Complete programming from a keypad with easy to follow 'common sense wording' on the LCD screen allows on site testing and programming updates/changes.

The scalable TC-18 is easily upgraded to a TC-3000 IP addressable network time clock. The printed circuit board includes a socket to facilitate the addition of a 900 MHz spread spectrum radio. Upgrading is literally a snap! With the addition of the plug-in radio and an antenna, the TC-18 is capable of receiving programming from a computer through a gateway via spread spectrum radio.

The TC-18 provides a cost effective solution with minimal initial investment when updating existing clocks or new installations. Positioning for the future is now a reality. The TC-18 operates on either 120VAC or 12VDC (solar).

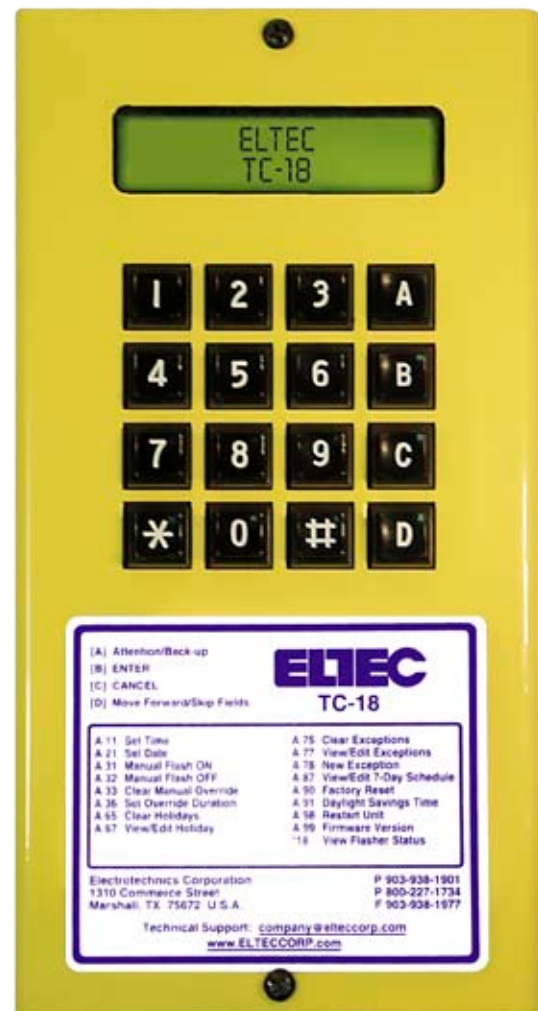
The optional Windows based DLPRO 18 software was developed for intuitive navigation. Each window uses virtual graphics with drop-down calendars and time tools with easy to understand programming screens.

APPLICATIONS

- School Zone Crossing Signals
- Park Lighting
- Changeable Message Signs
- Time Locks: gates & doors
- HVAC on/off Timing Function
- Pump Control

FEATURES and BENEFITS

- Upgradable to Network Based Time Clock (TC-3000)
- Operates on either AC or DC/Solar
- Built-in DC Flasher Circuit
- 1 or 2 Relay Outputs
- Keypad for Direct Programming
 - Alpha/Numeric Backlit LCD
 - Display Assisted Program Prompts
 - Military or AM/PM Time Options
- Computer Programmable with DLPRO 18 Software
 - Time Sync'd from Computer
- Programmable Manual Override Duration
- Schedules Stored in Non-Volatile Memory
- Minimum 7 Day Capacitive Backup
- Extremely Accurate Time Keeping (1± second/month)
- Mini USB Port
- Weekly Default Schedule: up to 6 daily intervals
- Holidays/No School days: up to 25
- Exception Days: up to 365
- Automatically Adjusts to Daylight Saving Time & Leap Year



DLPRO 18 SOFTWARE

ELTEC's DLPRO 18 software was developed for easy navigation. Each window uses virtual graphics with drop-down calendars and time tools (no commands) with straight forward programming screens. Software updates are emailed. The firmware is upgradable via the USB port. It runs on Windows 2000, XP, Vista, and 7 operating systems.

The DLPRO 18 software kit consists of a CD, user manual, a six foot USB cable for program transfer from computer to clock, and an AC power cord for easy in office programming.

DLPRO 18 Screen FEATURES

- Develop complete annual program including exceptions & holidays
- Print annual program for hard copy record & restoration in the event of a computer failure
- Drop down calendars and time tools for easy programming
- Status screen to view operation and programming updates
- Disable/Enable/Revised Daylight Saving Time

TC-18 SPECIFICATIONS

Dimensions*	8¼" H x 4¼" W x 1¾" D
Display	2 Lines x 16 Characters Alpha/Numeric LCD
Outputs	1 SPDT Rated at 16A/120 VAC
Back-up Power	Capacitive: 7 Days Minimum; 60 Days Typical
Input Voltage	6-22 VDC/85-264 VAC; 47-440 Hz
Power Required	2.5 Watts/200 mA
Temperature Range	-34° C to +74° C
Electrical Connection	CPC* with 48 inch Cable

*NOTE: add an additional 2 inches clearance to the bottom of clock dimensions for CPC connection.

For more information or a quotation, contact ELTEC or your local ELTEC Dealer.

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