



TIMEKEEPING SOLUTIONS



telecorTM

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Telecor's extensive line of timekeeping products offers accurate timekeeping and clock synchronization for a wide range of facilities, including:

- educational facilities
- commercial and office buildings
- public and private institutions
- hospitals and medical clinics
- industrial and factory settings

A complete selection of digital and analog secondary clocks are available to suit whichever application is required of a facility. Time correction and synchronization is provided with our 2400 Master Clock, which functions as the central timekeeper in the clock network.



Telecor offers a variety of digital clock models featuring high-visibility LED displays. Digital Clocks are available in 2.5" and 4" character sizes and models that display the time with either four digits (HH:MM), or six digits (HH:MM:SS). Clocks are offered in flush mount, surface mount, dual face, and clock/speaker combination models.

Telecor's Digital Calendar Clock simultaneously displays both the current time and date. The date is displayed in plain text, on a dot matrix array, showing the day of the week, followed by the month and date. When used with Telecor's Communications Systems, the matrix array can also display text messages, making it ideal for visual alerts. Messages can be fixed, flashing, or up to 64 scrolling characters.

All digital secondary clocks are continuously synchronized with the 2400 Master Clock so that all clocks maintain identical time. Telecor digital clocks are also capable of displaying alphanumeric messages as determined by the Master Clock.

In addition to providing time correction and synchronization, the Master Clock provides the ability to control the operation of external devices at specific times throughout the day. Built-in relay circuits activate external devices such as emergency alarms, security locks, bells, and lighting, based on pre-scheduled times that are programmed into the Master Clock.

The Master Clock provides multiple time schedules for the activation of messages and relays. Schedules can be run individually or simultaneously, and can be easily edited by the end user. In addition, messages and relays can also be activated by the front panel controls or by pushbuttons wired to available input points on the Master Clock.

The Master Clock is easily programmed from its front-panel using keypad buttons to navigate through menu-driven prompts on the LCD. Programming can also be accomplished with PC software either on or off-site.



Telecor wireless analog clocks each receive and transmit a correction signal thus creating a wireless network of secondary clocks. The correction signal is relayed from the Telecor Master Clock to the Telecor Transceiver, which in turn transmits the signal to the clocks. Because each wireless clock in network functions as a receiver/transmitter, clock locations throughout a facility are not limited to the distance or signal path between the Transceiver and clocks.

Telecor analog clocks feature large, easy-to-read numerals in 12" or 16" face sizes, and are available in surface, semi-flush and dual-face mounting configurations. Precision timekeeping is furnished by a microprocessor-based movement and correction coil. The clocks are synchronous three-wired units with a second hand to mark fractions of a minute.

All analog clocks are corrected via relay closures on the 2400 Master Clock, which can be activated at any time to the second.



The Elapsed Timer provides stopwatch functionality, displaying the elapsed time with a six-digit display, indicating the time in Hours, Minutes and Seconds. Hours and Minutes are displayed slightly larger for easy distinction from Seconds. When not operating as an Elapsed Timer, the unit defaults back to the current time (when connected to a Master Clock). Elapsed Time functions include the ability to count upwards from zero to 24 hours as well as counting down to zero from a specified value. Functions are set with a remote Timer Panel.



Telecor's IP PoE Clocks keep time accurately without the need for a Master Clock to provide synchronization. Time is set by Simple Network Time Protocol (SNTP). These clocks connect directly to a standard Ethernet jack drawing time updates from the network. Power to the clock is provided by Power over Ethernet (PoE) that delivers DC power to Ethernet-connected devices.