FEATURES

- Current time displayed in six-digit format (HH:MM:ss)
- Date displayed in day of the week/month/date format
- Enhanced message display capabilities
- Elapsed time capabilities, count up/down
- Synchronizes with Master Clock using digital protocol
- Single or dual face configuration
- Flush, surface or wall/ceiling mounting
- Anti-reflective cover optimizes readability
- Wide viewing angle

DESCRIPTION

The Telecor 2484 Digital Calendar Clock simultaneously displays the current time and date. The time is displayed in hours, minutes, and seconds. Hours and minutes are displayed with large 2.25" digits. Seconds are slightly smaller for easy distinction. The date is displayed in plain text by a 10 character, dot matrix display showing the day of the week, followed by the month and date. These clocks are designed for use in conjunction with Telecor's TII/XL Communication Systems and/or the 2400 Master Clock. They are ideal for school and institutional applications.

All secondary clocks are continuously synchronized with the Master; corrections are done instantaneously and all clocks display the identical time and date. In the event of a power failure, the Telecor system maintains proper timekeeping during the outage. Once power is restored, all clocks are immediately updated with the correct time and date.

The 2484 utilizes AlGaAS "Super-Bright" LED displays which have exceptional visibility characteristics and can be viewed from up to 120 feet away.

Enhanced Clock Messaging
In addition to displaying the time, the 2484 can be directly engaged by the Telecor software to display messages in the dot matrix section of the display. These messages can be used to alert personnel of an emergency or a situation of concern. This is ideal for communicating visual messages to hearing-impaired persons during critical situations.

Scrolling Messages

When the messaging feature is used in conjunction with the Telecor II/XL System, messages are programmed using Telecor's TII/XL Editor software. The software utilizes a user-friendly web interface designed for programming the Telecor II/XL System. Message data is then transmitted from the system to all 2484 clocks on the network.

Messages can be activated by the Telecor II/XL Event Scheduler, allowing text to be displayed at specific times and days of the week. Messages can be displayed using a variety of visual effects including scrolling or flashing single lines of text, as well as alternating between different lines of text.

The 2484 can also be used as an ancillary visual annunciator to display emergency calls placed on the Telecor II/XL Communications System. When an emergency call is placed, it is shown in the messaging area of the display until the call is cleared from the system. The dot matrix display defaults back to the date when not displaying messages.

Display of Active Emergency Call Location

Elapsed Timer Operation
The 2484 can be used as an elapsed digital timer, providing stopwatch functionality, indicating elapsed time on the six-digit display.

Elapsed timer functions include the ability to count upwards from zero to 24 hours, as well as counting down to zero from a specified value. The elapsed timer is controlled using the Telecor 2481-TBP Timer Button Panel, providing start, stop, and reset functionality. When not operating as an elapsed timer, the 2484 defaults back to displaying the current time.

Elapsed Timer Operation

The 2484 is available in 24, 117, or 220 VAC models. The clocks can operate from 24, 115, or 220 VAC power sources.

Model	Power Source
2484-24	24 VAC (+/- 10%), 50/60 Hz
2484-120	117 VAC (+/- 10%), 60Hz
2484-220	220 VAC (+/- 10%), 50 Hz

Installation Options
The 2484 Digital Calendar Clock is suitable for surface or recessed installations using the appropriate enclosure. For surface installations, the 2431-BBS enclosure is required. For recessed installations, the 2431-BBF enclosure is used.

Wall Mounted

Two surface-mount enclosures can be mounted back-to-back with a 2423 Dual Mounting Kit, creating a double-faced version of the 2484. The Dual Mounting Kit is supplied with a bracket that allows the clocks to be mounted on either a wall or ceiling, at a distance of 4" from either surface.

Ceiling Mounted

An optional 2433 Clock Guard is available for the surface mount models of the 2484 Digital Clocks. The guards are sturdily constructed from heavy gauge steel with a plexiglass window providing both protection and optimum visibility of the clock display.

2484 Digital Calendar Clock with 2433 Guard

2484 DIGITAL CALENDAR CLOCK SPECIFICATIONS

Type: Surface and Flush Mount
Display: Red AlGaAs "Super-Bright" LEDs

Display Characters:
   Time: 7 Segment
   Date/Message: Dot Matrix

Character Height:
   Time Display: HH, MM: 2.25"; SS: 1.5"
   Date Display: 1.0"

Current Consumption:
   2484-24:   165 mA @ 24 VAC
   2484-120:   70 mA
   2484-220:   35 mA
* nominal current consumption with 24 VAC source

Calendar Clock Dimensions:
        15" W x 8" H x 3.25" D
        38.4 cm W x 20.5 cm H x 8.3 cm D

2431-BBF Recessed Enclosure Dimensions:
        14.13" W x 7.06" H x 3.13" D
        36.2 cm W x 18.1 cm H x 8.0 cm D

2431-BBS Surface Enclosure Dimensions:
        15.06" W x 8.06" H x 4.5" D
        38.6 cm W x 20.6 cm H x 11.5 cm D

Weight: 3.196 lb
            1.45 kg

PARTIAL LIST OF ASSOCIATED EQUIPMENT

Telecor II/XL Administrative Communication Systems

2400	Master Clock
2404	Pwr. Transformer 220/24 VAC, 10 A. 50Hz
2405	Pwr. Transformer 117/24 VAC, 5 A. 60 Hz
2406	Pwr. Transformer 117/24 VAC, 10 A. 60 Hz
2481-TBP	Timer Button Panel
2431-BBS	Surface Enclosure
2431-BBF	Recessed Enclosure
2423	Dual Mounting Kit

Surface and Recessed Enclosures for
2484 Digital Calendar Clock