



# wireless synchronized time + messaging

CORPORATE | HEALTHCARE | EDUCATION | GOVERNMENT





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The PPP SyncTech Time System offers wireless time technology for facility-wide time and emergency messaging. Transmitting synchronized time throughout your facility via a single master transmitter, SyncTech eliminates the time related issues and liabilities associated with manual time maintenance.

Corporate, healthcare, educational and government facilities can now provide the most sophisticated time system incorporated into the most popular designer clocks from Peter Pepper. This system is engineered to integrate directly into select PPP Analog and Digital clocks. As your needs grow, an unlimited number of PPP clocks can be added without any additional set up or programming.

## MASTER CLOCK

SyncTech master clocks obtain accurate U.S. time from 3 sources:

### CDMA (Cell Phone Network)

Integrated receiver obtains time from cellular phone towers (GPS time) and re-transmits the time to all clocks within the facility—true Plug and Play installation.

### GPS (Satellites)

Receives time updates from Global Positioning Satellites through a rooftop antenna with a clear view to the sky. 100-foot cable included.

### Ethernet (Network Time Protocol)

Obtains time from either your local or Internet-based\* NTP time servers via the on-board Ethernet interface card.

Available in 5, 25 and 70 watt transmitters, which are sufficient for commercial construction, including large campuses and subterranean installations.

## BENEFITS

GPS time accuracy throughout, providing legally traceable time.

Eliminates potential liabilities from inaccurate, independently set clocks when documenting the exact time for:

- Medical timelines, vital statistics and procedures
- Employee time keeping and HR policy enforcement; virtually eliminating unnecessary Time and Attendance grievances.

Emergency Text Notification System is available to instantly send text to Moving Message Displays through the facility and or pre-recorded audio messages over existing PA Systems.

Eliminate need for manual Daylight Savings Time adjustments.

One third to one half the cost to install versus a traditional, 3 wire, 110v system.

5 and 10-year maintenance free batteries reduce maintenance labor costs.

One transmitter covers most campuses and facilities using a high power UHF-FM Transmitter operating on a business frequency, a time tested method of transmitting information without interference with sensitive medical equipment.

Flexibility within the Wireless Synchronized System allows you to add an unlimited number of receiver clocks and wireless options as your needs change.



Model WCM 20½w x 11¼h x 20d

\* Internet service is required and not included with the PPP Wireless Synchronized Time System.



### RECEIVER CLOCKS

Synchronized time shouldn't mean a compromise in design. SyncTech is engineered to integrate directly into select PPP Analog and Digital Clocks. As your needs grow, an unlimited number of additional receiver clocks can be added without any additional set up or programming. Available with all clock face graphics and finishes. For more information see Section 2 Clock brochure or visit peterpepper.com.



300 series 10"



500 series 14"



843 series 14"



880 series 14"



WC100 12"



WC2001 18¼w x 6¼h x 2¼d



380 series 12" + 16"

### PATIENT ROOM INFORMATION BOARD

Multifunctional board with SyncTech wireless technology. Available with all clock face graphics and finishes. IB3024 MA 30w x 24h x 1¾d



IB4012 MA 40w x 12h x 1¾d



### MESSAGE CENTER

Clock with SyncTech wireless technology and tempered safety glass writing surface. Available with all clock face graphics and finishes. MC Mahogany w/PPP color trim, aluminum metallic. 24w x 45h x 4d

For additional information see Section 1.2



### MOVING MESSAGE DISPLAY

Display both emergency and non-emergency text information including time, date and day of the week instantly throughout the facility or campus. WC200 26w x 4¼h x 2d  
Other available sizes 38w + 50w





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## 2.1 syncTECH™

wireless synchronized  
time + messaging

### CORPORATE

Eliminate HR time related conflicts including employee tardiness, missed meetings, or presentations off schedule. Scheduling problems due to an inaccurate time system can impact the entire facility and company. Synchronizing clocks between multiple buildings is easy and cost effective.

### HEALTHCARE

Within healthcare organizations, accurate, synchronized time is critical. The legal consequences of inaccurate time can be devastating to any facility. SyncTech eliminates potential liabilities from inaccurate, independently set clocks when documenting the exact time for vital statistics, procedures and medical timelines. Transmitter operates on a business frequency, a time tested method of transmitting information, without interference with sensitive medical equipment.

### EDUCATION

Wirelessly synchronize clocks between multiple buildings and across the entire campus. Inaccurate clocks can have a negative impact on the overall image of the university. Students may be late for class due to the inaccurate university time displays. This problem is compounded when time displays differ between buildings on campus.

### EMERGENCY MESSAGING

The SyncTech messaging system allows you to send emergency text announcements wirelessly throughout a facility or campus with the click of a mouse, or activation from facility or cell phone. SyncTech not only keeps employees and students on the same schedule, it can save their lives in an emergency.

### TECHNICAL SPECIFICATIONS

#### Master Clock Specifications:

5, 25 or 70-Watt UHF FM Transmitter included on all Master Clocks, using a FCC licensed frequency.

Our standard 5-Watt transmitter is sufficient for most commercial construction with less than a 100,000 sq. ft. However, depending on construction, layout and features, some large campuses and/or subterranean installations will require a larger 25 and 70-Watt transmitters (up to 500 Watts are available).

Site surveys are available to help determine your exact needs.

3db Antenna and Wireless Signal Tester included

Ethernet connector supplied for remote access text alerts and alarm settings.

15 day of week variables

Accurate to a fraction of a second over 10 years

Operating Temperature: 32°F - 120°F

Humidity : 0-95% non-condensing

#### Master Clock Digital Display

Real-time hours, minutes, and seconds displayed

Hour 2.5" high, Minutes 1.8" high  
6 digits, 7 segment red LED display

Visible up to 75 feet

70 user-defined display formats

12 or 24-hour format

#### Digital Clock Displays

2-1/2" or 4" Digital Clocks (requires 110 vac power)

Multi-line Wireless Moving Message Displays to display time and important messages, throughout the facility.

#### Time Zones

11 Daylight Savings Time parameters  
144 incremental time zone settings

#### Alarms

Wired and wireless alarms available  
9 alarm schedule groups and 9 alarm settings

#### Power Requirements

110 volt AC, internal transformer (included).  
UL listed wall 'plug-in' type. 10-year lithium battery back up

#### FCC License Required. Export Prohibited.

An FCC Business License is required for all Master Clock installations. FCC License Application Service is available. Export of this system from the United States of America is prohibited.