

NTPSWD

Standard Surface - Mounted Clock/Speaker with LED Display

The NTP Clock/Speaker is a Power over Ethernet (PoE) synchronized clock that requires only an RJ-45 connector to connect to existing data networks. It allows simultaneous broadcast to both phones and speakers. BellTimers.com makes it easy to implement IP Speakers into your paging and notification system on your existing IP network.

Built in Web Server:

- Send text messages to it from the web page
- Configurable brightness and volume
- Configurable fonts
- Configurable NTP time server, time zone, etc.
- Status
- Field upgradable

Flashers:

- Configurable for emergencies or alerts
- Individually controllable

2 input/output

Contact Closures:

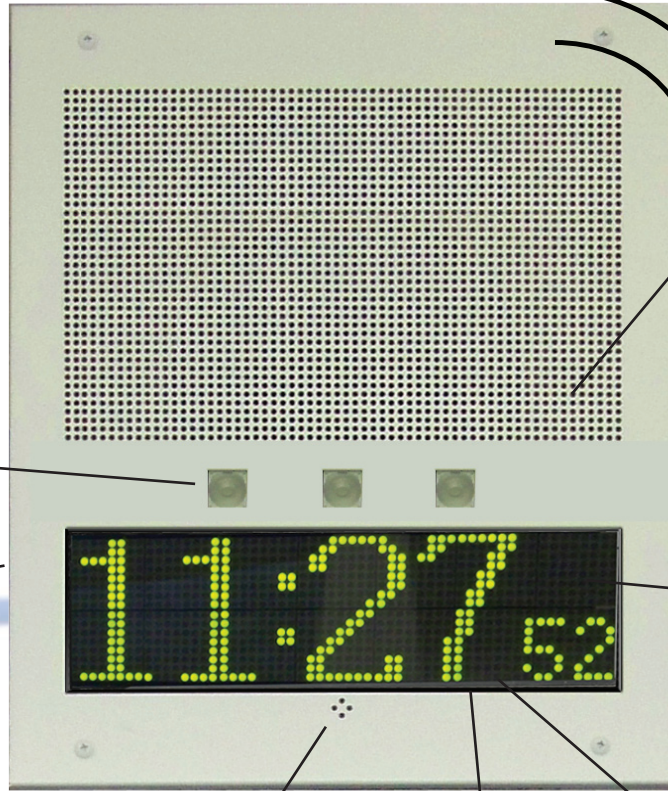
- Multiple contact closures

Installation:

- Only requires CAT5 connection (up to 300ft) to network.
- Power over Ethernet (no power cord or adapter). No other equipment needed.

Optional Features:

- **Flashers:** configurable for emergency or alert
- **LED color options:** bright white or multi-color



(e.g. "Please exit the building")

Audio:

- Bell scheduling, reminders and alarms
- Clock chimes
- Voice paging from a PC, randomly, or at intervals
- Use provided alarm, notifications, audio files (sport, holiday, traditional, etc.), or your own

Clock:

- Atomic time
- Never needs setting
- Auto - time - zone
- Display 4 or 6 digits

Microphone:

- Monitoring
- Two way talking/Intercom
- Paging

Scrolling Text:

- Send many types of messages to it, different colors can represent different message types or priorities:
 - Custom configuration
 - Reminders
 - Alerts
 - Advertising
 - RSS feeds
 - Configurable color

Stop Watch:

- Count up with configurable sounds at configurable intervals

Timer:

- Count down timer with configurable sounds at any point
- Configurable buzzer at the end



(e.g. scrolling: "Please exit the building")

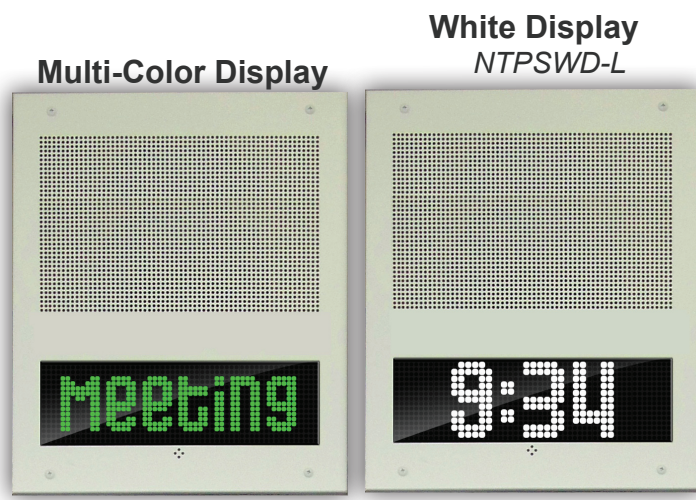
Why have a built in clock display?

- The clock auto synchronizes and needs no maintenance.
- Full scrolling text display for messages and emergencies.
- Mirrors the audio for hearing impaired.
- Provides non-intrusive background information.
- For emergency and other important mass notification.
- A countdown timer or stopwatch.
- Provides RSS feeds (clock time is interspersed).
- Provides text status of the boot process and for network debug.
- You can control the scrolling text , scroll rates and individual LED brightness. Scrolling text can be easily sent via the built in speaker web page, thru Clockwise alarm scheduling application, with simple http commands or software of your own.
- Supports bit map fonts and graphics and can render complex fonts like Kanji.

Options

- PoE and non-PoE versions.
- With or without a synchronized clock display with scrolling text.
- Several different speaker configurations:
 - Wall mount
 - Flush mount
 - Paging Horns
 - Weather resistant / outdoor enclosures
- Bright LED emergency indicators.
- Wireless.
- Several options of brightness of LED.
- White LED's (Clock and messages in white)
- Multi - color LED's (Create a priority message system)
 - Clock = Yellow, General messages = Green, High priority message = Red

LED Color Options



Supported Protocols

- SIP
- IPv4
- HTTP
- SLP
- TFTP
- NTP
- DHCP
- IGMP
- ICMP
- TCP/IP
- UDP
- Bonjour

Available Software

- Console for finding and controlling speakers.
- Clockwise: A clock/alarm program for scheduling alarms, timer, stopwatch and optional themed sound library.
- Software by 3rd parties. SA-Announce (Syn-Apps), Application Gateway 2000 (Nortel), UC Server by Objectworld (Adtran) and others.

Specifications

- PoE (IEEE802.3af)
- 96dB SPL 1 Watt at 1 meter
- 8W total audio output power
- 10/100 Mb network connection
- Optional 802.11g connection