IPCSL-W-RWB

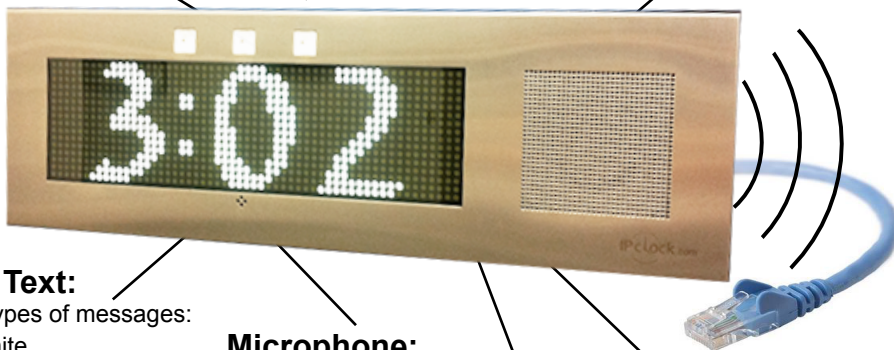## Large IP Clock with Bright White Display and Flashers

Capabilities

Flashers:
- Configurable for emergencies or alerts
- Individually controllable
- Brightness adjustable
- One red, one white and one blue

Clock:
- Bright white
- 4.5" numbers/text
- Atomic time
- Never needs setting
- Auto-adjust for Daylight Savings
- Display 4 or 6 digits
- Configurable fonts

Audio:
- 8" High efficiency PA Speaker:
- Optional ancillary 8-ohm speaker
- Bell scheduling, alerts, reminders, clock chimes, and alarms via Clockwise or 3rd party software
- Voice paging from a PC or IP phone, scheduled, or ad hoc
- Use provided notifications, alarms, audio files (sport, holiday, traditional, etc.), or your own

Scrolling Text:
Send many types of messages:
- Bright white
- Custom Configuration
- Reminders
- Alerts
- Advertising
- RSS/Twitter/News/Weather/Stock feeds
- Configurable fonts and colors
- 1 or 2 Line Display

Microphone:
- Monitoring
- Two way talking/Intercom
- Paging Supervision
- Hands-free talk back

Auto Dimming:
Automatically dim for different times of day. Reduce power usage at night to save energy

Timer/Stopwatch:
- Display 4 or 6 digits
- Configurable fonts
- Count up or down
- Count days, hours, minutes, seconds, 1/100ths of seconds
- Display timer and clock simultaneously

Features

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.
- Device Status
- Field upgradable

Line In/ Out:
- Independent line-in.
- Can be configured to send line in audio to the speaker or add additional speakers

Easy Installation:
- Only requires CAT 5 connection (up to 300ft) to network
- Power over Ethernet (no power cord or adapter). No other equipment needed

GPIO:
- 2 inputs, 1 output
- Activate via telephone or programmatically

Multicast:
- Full multicast and broadcast support. Send audio and/or scrolling text to individual, multiple, or all devices simultaneously.

Stop Watch / Timer:
- Count up and down days, hours, minutes, seconds, 1/100ths, with configurable sounds. Event-based trigger.

Sound Masking:
- Generate configurable pink noise via push button or programmatically for sound masking

Two Way Communication:
- Activate via push button
- Allows for full duplex hands free communication

Options
- Optional button for hand-free push to talk

IP Clock Overview

The IP Clock is a Power over Ethernet (PoE, PoE+) synchronized clock and intercom that requires only an RJ-45 connector to connect to existing data networks. Simultaneously, broadcast to both phones and speakers. The clock auto synchronizes and can be used as a scrolling text display for all sorts of streaming messages. Built in microphone and speaker for two way communications.

Advanced Network Devices • 3820 Ventura Dr. Arlington Hts. IL 60004 • Phone: 847-463-2236 • Fax: 847-359-5418
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IPclock

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Supported Protocols

- SIP
- IPv4
- HTTP
- SLP
- TFTP
- NTP
- SNMPV1 & SNMPV2c
- DHCP
- IGMP
- ICMP
- TCP/IP
- UDP
- MDNS and MDNS-SD

Specifications

- Weight: 15 lbs
- Approx. 28"x 4"x 9.25"
- PoE (IEEE802.3af) 15.4 W
- PoE+(IEEE802.3at) 30.0 W
- 10/100 Mb network connection

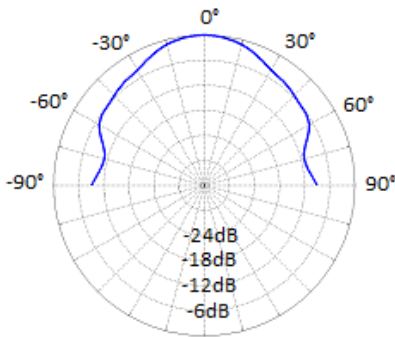| Speaker Size	8" speaker
Average Sensitivity	95dB, 1W/1M
Audio Power	8 W/ 16 W
Frequency Response	350 Hz - 10 kHz
Polar Plot	See diagram 1

Diagram 1
8" Speaker Polar Plot
2 kHz Octave Band,
Grid Spacing = 6dB/Division

Software Options

- **No software**: External software is not required for atomic timekeeping and sending text messages from the device's web server. The devices can operate stand-alone. However, application software can be used to augment the devices capabilities and integrate the device into a mass notification system, on the phone network, etc.

- **AND Clockwise**: Instantly finds all of your AND devices, it is a clock/alarm program for scheduling, alarms, events, stopwatch, timer, optional theme sound library, sending News/RSS/Twitter/Weather/Stock feeds, etc.

- **3rd Party Software**: AND has a long-standing relationship with InformaCast (Sin-gleWire), and also supports IPSession (IPCelerate), SA-Announce (Syn-Apps), Mes-sageNet Systems, BellCommander (AcroVista), Application Gateway 2000 (Nortel), UC Server by Objectworld (Adtran) and others. AND devices also work will with SIP-com-patible products/PBX, such as Asterisk, 3CX, ShoreTel, etc.

- **Multiple**: Can run Clockwise and 3rd party software concurrently.