

IP Speaker with Display

IPSWD

OVERVIEW

The IP Speaker with Display functions as a Power over Ethernet (PoE / PoE+) synchronized clock and intercom, and connects to existing data networks. The device enables simultaneous broadcasting to both phones and speakers. The clock auto synchronizes, and the display can stream scrolling text messages. The built-in microphone and speaker allow for two-way communications.

CAPABILITIES

Scrolling Text

- Custom configuration
- Reminders, alerts, and advertising
- RSS, Twitter, news, weather, and stock feeds
- 1-line or 2-line display

Clock

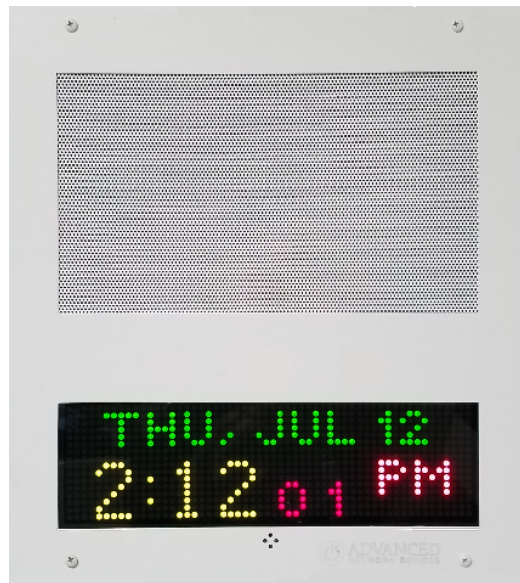
- 3" numbers and text
- Atomic time never needs setting
- Auto-adjust for Daylight Savings
- Display 4 or 6 digits

Audio

- High-efficiency 8" PA speaker
- Optional ancillary 8-ohm speaker
- Bell scheduling, alerts, reminders, and clock chimes via IPClockWise or third-party software
- Voice paging from a PC or IP phone; scheduled or ad hoc
- Notifications, alarms, and audio files provided, or create your own

Auto Dimming

- Dim for different times of day
- Reduce power usage at night to save energy



Microphone

- Monitoring
- Two-way talk and intercom
- Paging supervision
- Hands-free talk back

Timer / Stopwatch

- Count up or down
- Count in days, hours, minutes, seconds, 1/100ths of seconds
- Display timer and clock simultaneously
- Event-based trigger

FEATURES

Built-In Web Server

- Send text messages to the device from the web page
- Configurable brightness, fonts, volume, NTP time server, time zone
- Device Status
- Field upgradable

Easy Installation

- Requires PoE CAT 5 connection to network (up to 300 ft)
- No power cord or equipment needed

Multicast

- Full multicast and broadcast support
- Send scrolling text to individual, multiple, or all devices simultaneously

Line In / Line Out

- Independent Line In
- Can configure to send Line In audio to the speaker and/or add additional speakers

GPIO

- 2 inputs / 1 output
- Activate multiple ways including via telephone or via program

Sound Masking

- Generate configurable white and pink noise via push button or program

Two-Way Communication

- Activate via push button
- Allows for full duplex hands-free communication / optional button for push to talk capability
- Interoperates with Cisco and other VoIP network and phones



SOFTWARE OPTIONS

AND devices can operate standalone. They do not require external software for atomic timekeeping or broadcasting messages from the device's web server. However, you can use application software to take advantage of the device capabilities, and then integrate the devices into applications like a mass notification system, a phone network, etc.

AND IPClockWise (Developed and Supported by AND)

- Instantly finds and provides controls for all of your AND devices
- Schedules events and alarms, with additional functionality of a stopwatch, timer, and optional sound library
- Sends news / RSS / Twitter / weather / stock feeds, etc. to AND devices with a display

Third-Party Software

AND partners with several third-party software providers.

- InformaCast (Singlewire)
- Revolution (Syn-Apps)
- IPSession (IPCelerate)
- MessageNet Systems
- BellComander (Acro Vista)

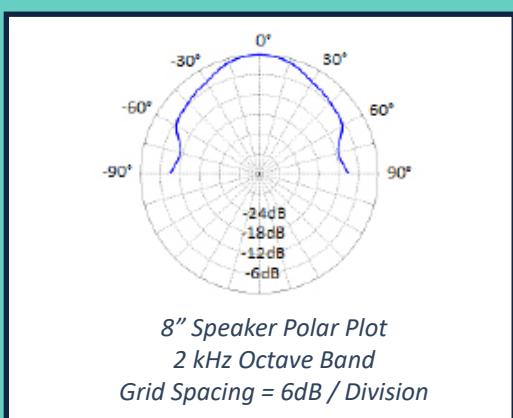
AND also works well with SIP and VoIP products such as Asterisk, 3CX, ShoreTel, etc.

NOTE: AND IPClockWise and third-party software can run concurrently.

DIMENSIONS

Mounting Options:
Mount the IPSWD-RWB using a separate back box (not included). The options include a surface mount (IPS-SM1) or flush mount (IPS-FM1).

SPECIFICATIONS



Ethernet I/F	10/100 Mbps
Audio Power	8 W / 16 W
Speaker Size	8"
Average Sensitivity	95dB, 1W / 1M
Frequency Response	60 Hz - 17 kHz
Audio Payload Types	G711, A-law and μ -law
Power Input	PoE (IEEE802.3af) 15.4 W or PoE+ (IEEE802.3at) 30.0 W
Supported Protocols	SIP, IPv4, HTTP, SLP, TFTP, NTP, SNMPV1 & SNMPV2c, DHCP, IGMP, ICMP, TCP/IP, UDP, MDNS & MDNS-SD
Operating Temperature	-10° to 50° C (14° to 122° F)
Dimensions	13.47" W x 14.85" H x 4.98" D
Weight	8 lbs (3.6 kg)
Warranty	2 Year Limited

