

## Ceiling Tile IP Speaker (2 ft x 2 ft)

# IPSCM

### OVERVIEW

The drop-in Ceiling Tile IP Speaker (2x2) functions as a Power over Ethernet (PoE / PoE+) loudspeaker, and connects to existing data networks. Broadcast simultaneously to both phones and speakers. The built-in microphone and speaker allow for two-way communications.

### CAPABILITIES

#### 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

#### Microphone

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



### FEATURES

#### Built-In Web Server

- Send alerts and broadcast audio to the device from the web page
- Configurable volume
- Device Status
- Field upgradable

#### Easy Installation

- Requires PoE CAT 5 connection to network (up to 300 ft)
- No power cord or other equipment needed
- Steel baffle with four seismic tie-off points (hardware not included)

#### Multicast

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

#### General Purpose Input

- 1 input
- Connect to our AND IP Button Kit for two-way communication

#### 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

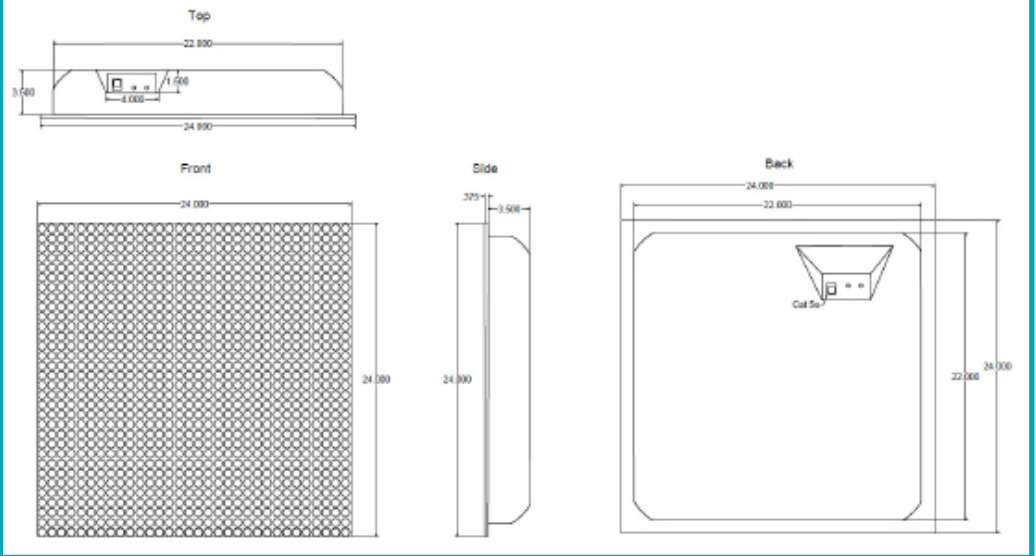
AND partners with several third-party software providers.

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

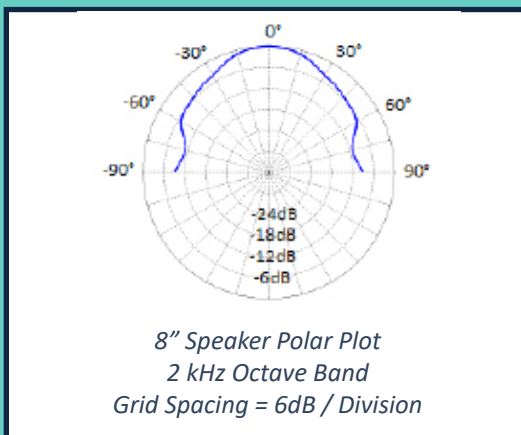
AND also works well with SIP and VoIP products such as Asterisk, 3CX, ShoreTel, etc.

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

## DIMENSIONS



## 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 $\mu$ -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            | 24" W x 3.6" H x 24" D   |
| Weight                | 6.5 lbs (2.95 kg)  |
| Warranty              | 2 Year Limited   |



Model: IPSCM  
Advanced Network Devices  
www.anetd.com

Conforms to UL STD 60950-1  
Cert. to CAN/CSA STD C22.2 #60950-1  
42.5V-57.0V DC, 25.5 W Max  
802.3at PoE+

