

PRODUCT FOCUS: MEETING ROOM SOLUTIONS

Ceiling Microphones: Smarter AV Technology for Next-Gen Conferencing

Enjoying modern, sleek video conferencing with clutter-free AV technologies! **Ceiling Microphones** are designed to easily mount in meeting rooms, board rooms, or training rooms ensuring effective audio coverage. This **AV-ICN Expo Magazine's** recurring feature exclusively shares some of the ceiling microphones by top brands, announced in the last year that allow users to work seamlessly at any meeting space.

Audio-Technica ATND1061

The ATND1061 Beamforming Ceiling Array Microphone can be used singly or in multiples (for larger meeting spaces) to capture every person speaking in a room with clear, natural audio that reduces distracting environmental sounds. The device received major upgrades in 2024 with its latest firmware update, including VISCA (Video System Control Architecture) over IP and Voice Lift technology.

- Key features:**
- Enabled with VISCA over IP to control PTZ cameras
  - Equipped with voice lift technology
  - Powerful onboard DSP
  - Proprietary Voice Activity Detection (VAD) technology

- Technical specifications:**
- Beam Width: 90-degrees
  - Frequency Response: 60 Hz to 18,000 Hz
  - Maximum Input Sound Level: 102 dB SPL
  - Sensitivity: -8 dBFS (1 kHz, 94 dB SPL)
  - Digital Audio: Sampling rate: 48 kHz; Bit depth: 24 bit



Cisco Ceiling Microphone Pro

The new Cisco Ceiling Microphone Pro brings adaptive, AI-powered voice capture to meeting rooms, training rooms, and multi-purpose spaces, creating an equitable video conferencing experience where active speakers' voices are heard with unmatched clarity.

- Key features:**
- Adaptive microphone intelligence
  - Quick setup, effortless management
  - Clutter-free and flexible deployment

- Technical specifications:**
- Pickup coverage: Up to 3.5 m / 11.5 ft radius under optimal acoustic conditions
  - Frequency range: 120 Hz to 20 kHz, +/- 6 dB (on axis) – (Subject to change)
  - Free field sensitivity: -36 dBFS/ Pa +/- 3dB, 1 kHz – (Subject to change)
  - Signal to noise ratio: 70 dB - Subject to change
  - Power consumption: Average: 3.5W, Max: 4.5W
  - Operating temperature and humidity: 0°C to 40°C (32°F to 95°F) Ambient Temperature; 20% to 90% Relative Humidity (non-condensing)

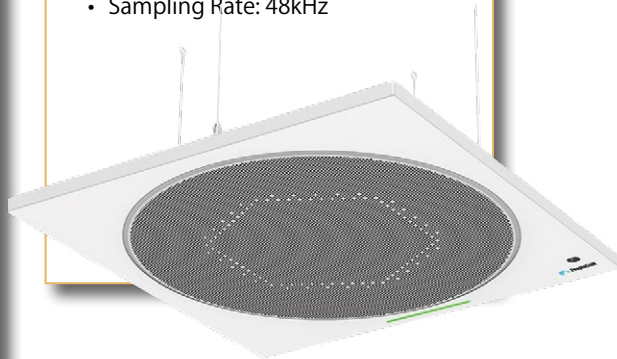


PeopleLink's Dante Based Ceiling Microphone

The Ceiling Microphone with connectors is a high-end ceiling conference microphone by PeopleLink. It has 128 omnidirectional MEMS microphones built into an array, featuring 16 independent configurable pickup zones. With integrated AI algorithms, the Ceiling Microphone with Connectors offers advanced noise reduction, echo cancellation, and adaptive feedback control.

- Key features:**
- High Density Microphone Array
  - Advanced Noise Reduction Algorithms
  - Built-in PTZ Camera & Audio Tracking
  - Dynamic Multi-Beam Voice Tracking
  - Ultra Low Latency (25ms)

- Technical specifications:**
- Mic Type: 128-unit MEMS Microphone Array
  - Sensitivity: -38dBV/94dB SPL @1kHz
  - Signal-to-Noise Ratio: 65dBV/94dB SPL @1kHz, A-weighted
  - Remote Meeting / Local Sound Reinforcement Channels: 1/1
  - Remote Conversation Pickup Zones: 8
  - Local Sound Reinforcement Pickup Zones: 8
  - Sampling Rate: 48kHz



Sennheiser TeamConnect Ceiling Medium

TeamConnect Ceiling Medium brings versatility and adaptability to elevate meeting experiences across a range of flexible and hybrid meeting spaces and learning environments. With its adaptive, intelligent beamforming technology, TCC M ensures flawless audio every time.

- Key features:**
- Patented automatic dynamic beamforming
  - TruVoicelift
  - 15 Electret condenser capsules, Made in Germany
  - Perfect speech intelligibility
  - PoE/PoE+ powered (single/daisy chaining).

- Technical specifications:**
- Audio output: 1 x 3-pin terminal (fits Phoenix contact MCVW 1.5-3-ST-3.81)
  - Max. sound pressure level: 98 dB SPL
  - Power consumption (Amp): Approx. 8 W
  - Sensitivity: 0 dBV/Pa (1020 mV/Pa)
  - Signal-to-noise ratio: 79 dB(A)
  - Transducer principle: Pre-polarized condenser microphone
  - Audio frequency response: 100 Hz to 16,000 Hz



Shure MXA901 Conferencing Ceiling Array Microphone

MXA901 provides superb AV conferencing audio in a discreet and stylish 13.5-inch round form factor that complements any interior design. Single Zone Automatic Coverage technology captures talkers clearly with no setup. One MXA901 can be used in smaller rooms or multiple units in larger spaces with Onboard IntelliMix DSP that delivers echo- and noise-free audio, and next-generation array architecture that ensures natural speech and enhanced directional pickup.

- Key features:**
- Compact and stylish round form
  - Single Zone Automatic Coverage technology
  - Onboard IntelliMix DSP includes echo-cancellation and noise reduction

- Technical specifications:**
- 13.5 in (34 cm) diameter round form factor
  - Covers 20' x 20' space with minimal configuration
  - IntelliMix DSP includes Automatic Gain Control, Acoustic Echo Cancellation, Noise Reduction and Automatic Mixing
  - Designer 6.0 with standard-based 802.1x security protocols



Wyrestorm APO-SKY-MIC

Designed for seamless integration in conference rooms and lecture halls, Wyrestorm's APO-SKY-MIC microphone offer a clutter-free solution. Expertly crafted to mount on the ceiling, they ensure the tables remain unencumbered by wires and mics, providing a clean, professional environment for effective communication.

- Key features:**
- Cascade microphones up to 3 times for 50m extension
- Technical specifications:**
- Inputs: 1x 8-Pin RJ45 Female
  - Outputs: 1x 8-Pin RJ45 Female
  - Microphone: 4x Circular Microphone Arrays with AEC and AGC Omnidirectional Microphone Array Pickup
  - Frequency Response: 100~10KHz
  - Sensitivity: -26dBFS
  - Signal-to-Noise Ratio: 62dB
  - Operating Temperature: 0 to +45°C (32 to +113 °F), 10% to 90%, non-condensing
  - Storage Temperature: -20 to +70°C (-4 to +158 °F), 10% to 90%, non-condensing

