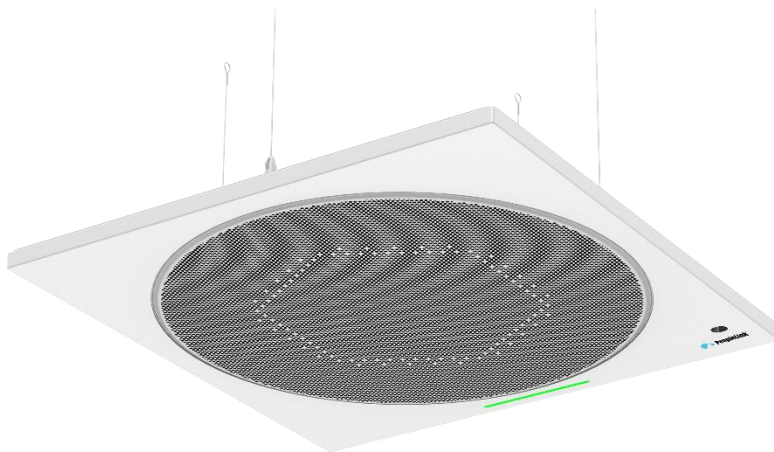




V 1.0 - 092024

PeopleLink AOE Ceiling Tile 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. Single tile microphones have built-in DSP and can be used as a USB-based microphone for UC applications using a Dante to USB converter. The microphone utilizes Dante digital audio technology to ensure stable audio transmission and broad compatibility on AV over IP. 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:**
128 units for detailed audio capture.
- **Advanced Noise Reduction Algorithms:** Blocks background noise for clearer communication.
- **Built-in PTZ Camera & Audio Tracking:** Captures and follows speakers' movements for enhanced interaction.
- **Dynamic Multi-Beam Voice Tracking:** Captures voices from multiple speakers effectively.
- **Ultra Low Latency (25ms):**
Ensures minimal delay in audio transmission.

General Specifications

Microphone Type

MicType : 128-unit MEMS Microphone Array

Sensitivity : -38dBv/94dB SPL @1kHz

Signal-to-Noise Ratio : 65dBv/94dB SPL @1kHz, A- weighted

Dante : Yes

Number of Channels : 2x2

Remote Meeting / Local Sound Reinforcement Channels : 1/1

Remote Conversation Pickup Zones : 8

Local Sound Reinforcement Pickup Zones : 8

Sampling Rate : 48kHz

Maximum Background Noise Suppression : 35dB

Size : 597mm x 597mm x 53.5mm

Audio Performance

AINoise Reduction Suppression : Support

AI Reverberation Suppression : Support

AI Feedback Suppression : Support

AI Echo Cancellation : Support

Delay (Automatic Mixing Output, Including Dante) : <25ms

Cascade Performance

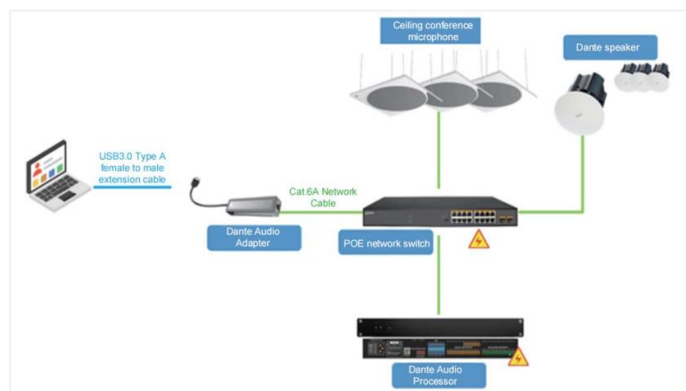
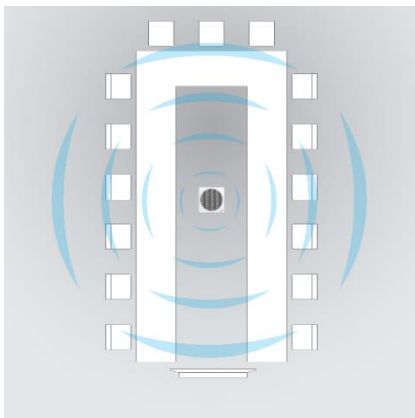
Cascade Quantity : Unlimited

Cascade Method : Dante audio

RJ45 Port : 1 (Dante Audio Transmission, PoE)

Reset Button : Support

Application Scenarios



Disclaimer:- Room setup diagrams provided for reference only. Actual room setup and size may vary as per requirements.

Ordering Information

PeopleLink AOE | RJ45 to USB Adapter : **PPL-DTC-USB-01**

PeopleLink AOE | DSP : **PPL-DSP-DNT-01**

PeopleLink AOE | Ceiling Tile Speakers : **PPL-TSP-DNT-01**

PeopleLink AOE | Ceiling Tile Mic Bundle : **PPL-AOE-CTM-01**

PeopleLink AOE | Ceiling Tile Microphone : **PPL-DNT-MIC-01**

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