



TREND AI Ceiling Conference Microphone



Wide Coverage

Features a 128-microphone array with 8m pickup radius and supports unlimited cascading for very large rooms.



AI Noise Reduction

Uses a patented AI Algorithm for superior noise, echo, and reverberation cancellation, ensuring clear communication.



High-Fidelity Audio

Delivers top-tier sound quality with 48kHz 24-bit high-definition sampling.



Dante Audio

Compatible with the Dante Audio standard, which is the international protocol for audio-over-IP networking.



Sound Reinforcement

Low-latency Sound Reinforcement (<30 ms) with an up to 10 dB volume boost.



Focused Pickup

16 configurable pickup zones enable priority selection to prevent interruptions.

Specifications

Basic Specifications

Product color

White

Product size

597mm*597mm*53.5mm

Package size

680mm*680mm*160mm

Package net weight

<5 kg

Power supply

PoE+powered

Installation

Suspension

Microphones

Microphone type

128-mic MEMS array

Microphone sensitivity

-38 dBV/94 dB SPL @1kHz

Signal-to-noise ratio

65 dB(A)/94 dB SPL @1kHz, A-weighted

Model number

CM-128

Dante Audio

Dante audio

Support

Remote conference channel

1

Local reinforcement channel

1

Cascade Function

Number of cascades

Unlimited number

Operations

Working temperature

0°C~40°C

Storage temperature

-20°C~+70°C

Operating/storage humidity

20 to 95% RH

Power consumption

15W

Interface

Dante/PoE network port

1

RESET button

1

Audio Performance

Available pickup zones

16 (8 teleconference + 8 voice lift)

Sampling rate

48kHz

Pickup area type

Configurable

Background noise suppression

35 dB

AI noise reduction suppression

Support

AI reverb suppression

Support

AI whistling suppression

Support

AI echo cancellation

Support

AI full duplex

Support

Mix channels

Support

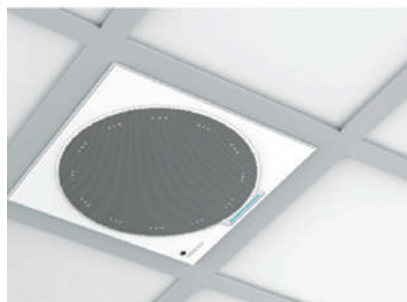
Smart mix

Support

Delay

25ms

Installation Methods



Flush installation in the ceiling grid.

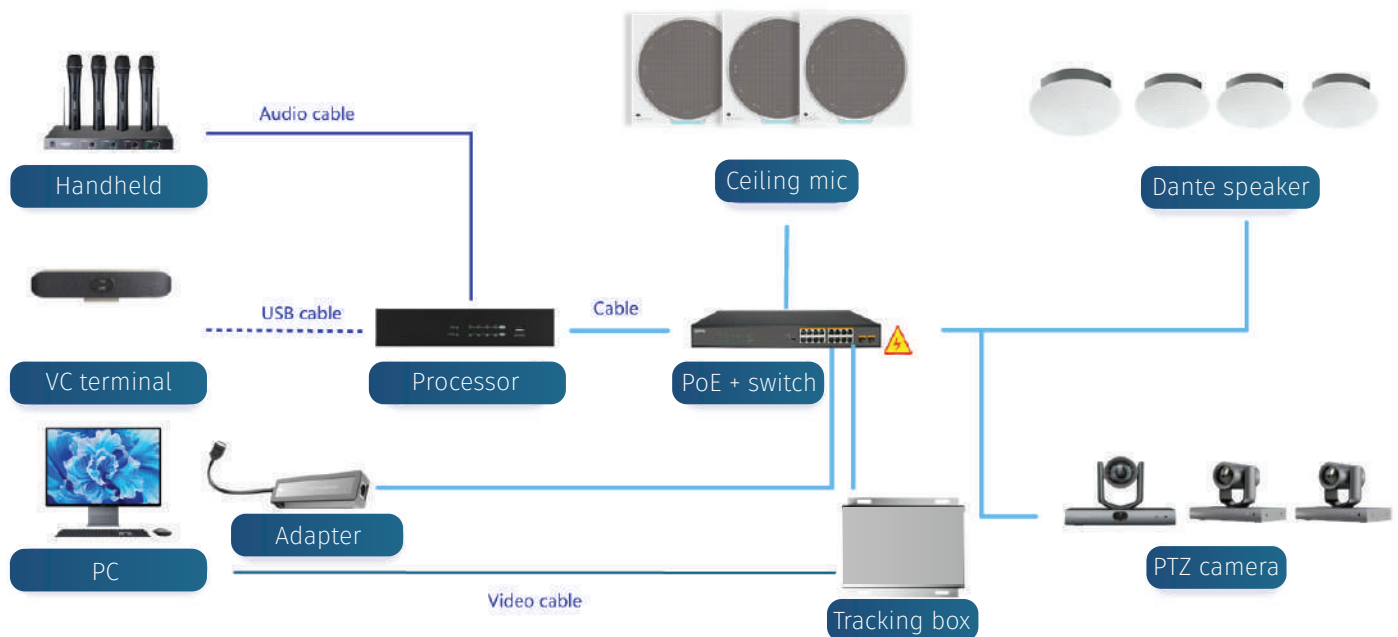


Suspending with steel rope below the ceiling.



Installation with poles below the ceiling.

Connectivity Diagrams



Applications



Smart Boardrooms



Smart Classrooms



Smart Auditoriums



Smart Meetingrooms

Ceiling Microphone Related Products



Dante PoE Speaker

A full-range, coaxial speaker with built-in amplification and DSP, powered easily via PoE.



Dante Audio Adapter

A simple, plug-and-play adapter to quickly connect PCs or hosts to the Dante network.



Dante Audio Processor (8x8)

A large-scale audio processor (8x8 Analog/Dante I/O) suitable for large spaces and complex sound reinforcement.

Dante Audio Processor (4x4)

A smaller audio processor (4x4 Analog/Dante I/O) recommended for medium-sized rooms and classrooms.

