Conference System (with Cascade Mics)

Conference System (with Cascade Mics) leverages Distributed Audio Technology and a Digital Microphone Array with a 5A Core Audio Algorithm to deliver superior audio quality in large settings such as conference rooms and classrooms. It supports up to 8 wireless microphones with a 3-meter pickup radius, ensuring clear voice capture even in large spaces. With advanced audio processing features like AI-powered noise reduction, echo cancellation, and de-reverberation, the product enhances sound clarity in various environments. It seamlessly integrates with external PTZ cameras, enabling dynamic video conferencing and supports both wired and wireless connectivity, making it versatile for different applications. The system covers up to 100 sqm in wireless mode and 200 sqm with cascading extension units, allowing for scalability in various room sizes. Its wall-mounted design ensures easy installation, while comprehensive control options enhance usability. Pricing is flexible, based on room size and equipment needs, offering a scalable solution for both small and large venues.

Key Features

- **Wireless and Scalable Audio Solutions:** Distributed Audio Technology with support for up to 8 wireless microphones ensures superior flexibility and coverage for conference rooms and classrooms.

- **AI-Powered Audio Processing:** Advanced algorithms like AI Noise Reduction, Echo Cancellation, and Dereverberation, addressing the growing demand for clearer, more natural communication in professional settings.

- **Extensive Connectivity Options:** Includes AV input, RS232 for camera control, and USB Type-B, aligning with the trend of seamless device integration in modern environments.

- **Large Room Coverage:** Supports up to 200sqm with extension units, meeting the increasing demand for scalable audio solutions in large venues.

- **Convenient Wall-Mounted Design:** Space-saving installation similar to a soundbar, appealing to the recent trend of minimalistic and aesthetic AV setups in boardrooms and educational institutions.

General Specifications

Technology : Distributed Audio Technology, Digital Microphone Array, 5A Core Audio Algorithm, Wireless Technology

Audio Features : Supports up to 8 Wireless Microphones, 3-meter voice pickup distance per microphone

Connectivity : AV Input Terminal, RS232 Port for Camera Control, USB Type-B, RJ45 for Extension Speaker Units

Application Areas : Conference Rooms, Classrooms, Training Rooms, Large Venues, Colleges and Universities

Room Coverage : Supports up to 100sqm (wireless microphones mode), 200sqm (cascading mode with extension units)

Extension Speakers : Connects 2 Extension Speaker Units via RJ45

RS232 : Supports external RS232 controller for control purpose of device

Other Functions : Bluetooth Functionality (Answer/End Call), Battery Life Monitoring, ID Configuration for Microphones

Bluetooth

Power : DC16V/3A

Mounting : Wall-mounted like soundbar (Main unit and Extension Units)

Wireless Microphone

Number of Wireless Cascades : ≤ 8

Built-in Microphones : 4

Best Pickup Distance : 3 Meters Radius

Battery Capacity : 2000 mAh

Speaker Specifications

Built-in Speakers : 2

Built-in Mic(Main unit) :

Speaker Power : 2 X 10W

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Audio Processing Features : AI Noise Reduction, Dereverberation, Echo Cancellation

Extension Speaker Unit

Number of Wired Cascades : 2

Built-in Speakers : 2

Speaker Power : 10W each

Remote Control Instructions

Button : Function

Pan and Tilt : Controls the lens directions of the external PTZ camera

Bluetooth Button : Turns on/off the Bluetooth function

Answer/End Call Button : Answers and ends calls in case of Bluetooth connection

Microphone Mute Button : Mutes and unmutes the microphone

Speaker Volume Up/Down Button: Increases /decreases the speaker volume

Zoom In/Out Button : Controls the zoom in/out of the external PTZ camera

Speaker Mute Button : Mutes and unmutes the speaker

Scan Button : Short press to refresh the connection of the extension wireless array Microphones

Clear Records Button : Long press (5 seconds) to clear the pairing history of wireless array microphones

Room ID 1 Button : Long press (3 seconds) to set the ID of connected wireless array microphones

Room ID 2 Button : Long press (3 seconds) to set the ID of connected wireless array microphones

Camera On/Off Button : Turns on/off the external PTZ camera

AI Button : Not supported

Preset Camera Positions Button : Presets lens positions of the external PTZ camera

Menu Button : Not supported

OK Button : Not supported

Directional/Omnidirectional Voice Pickup Button: Not supported

Sound Reinforcement Button : Not supported

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