



Features

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing
- One CAT5e cable to transmit up 64 channels audio and other signals.
- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role separation.
- High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate and 20Hz ~ 20KHz frequency response
- A single conference controller can realize the independent control and merging of 4 conference rooms, can handle the cascade of multiple conference controllers to realize the merging and separation of larger conference rooms (Optional).
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- The sensitivity of the unit microphone and 8 segment equalizer EQ adjusted independently.
- Conference controller can output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice. AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology.
- Sound output by separated zones function, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle.
- Echo cancellation, remote two-way real-time call with another conference controller or another third-party video conferencing terminal.
- USB recording, controller monitor, advanced noise cancellation technology to realize clearer recording.
- System date, time management, and support count-down speech.
- Optional DANTE output module with other DANTE equipment used.
- Can drive 2x120W POE speaker, through extension main unit, support up to 16 POE speakers.

Functions

- Compliance with IEC 60914, GBT 15381-94
- Connect with EXM full-digital extension main unit, it can expand to 5200 discussion units
- "Hand-in-Hand-Loop-Network" connection and the system assigned to each unit independently ID to avoid ID conflict.
- Both wired/wireless discussion units can connect to the controller, fast and easily to adding delegate of meetings.
- Up to 8 wireless microphones to be turned on at the same time, adaptive avoiding interference technology to achieve stronger anti-interference ability, compliance with IEEE 802. 11n standard Wi-Fi both for 2.4GHz and 5GHz.
- 2 channel audio input, XLR or RCA type, for local audio input or remote video-conferencing input.
- Maximum 8-channel audio output, XLR, RCA or Phoenix type, can be connected to simultaneous interpretation output or partitioned output.
- Add the audio input box, the system can be connected to other condenser microphones or dynamic microphones, more choices for users.
- Built-in multi-way internal communication function.
- TCP/IP connection between controller and PC
- RS232 central control, realize microphone switch, priority, volume and other controls.
- RS232 or RS485 to send the PELCO/VISCA protocol to realize camera auto-tracking function.
- Hot plug-and-play, and auto-recovery function.
- Wide range of voltage from 100V~240VAC
- Without using PC software, our conference controller still owns following settings:
 - Limit on the number of speaking persons: By Setting the number of active units at the same time (Number is 1/2/4/6/ units), supports up to open 32 wired microphones in full-on mode.
 - Discussion modes:

"OPEN" Free for all, limited by the active units setting by controller , "VOICE" Can activate MIC by detecting sound without press button, "OVERRIDE" First in First out, "APPLY" To apply then to speak, "PTT" Press to speak(Optional), "ALL" Full open mode(Optional).
 - Voting function: Approve/Abstain/Object
 - Chairman unit has priority to close all other units or mute them temporarily
 - Chairman unit can consent the application for speaking from delegate
 - Simultaneous language interpretation
- With PC software to add more ways of voting:
 - Approve/Object
 - Approve/Abstain/Object
 - Level: 1/2/3/4/5
 - Ranking: --/0/+/++

Control & Indicators

LCD display to show all the operations and results

4-Way button for menu operate

One-button press to start recording

light indicator

Master volume control knob

Interfaces

Front panel USB recording interface

3.5 mm headphone for monitoring

1 x RCA audio input

1 x XLR audio input

1 x RCA audio output

1 x XLR audio output

6 x Phoenix audio output connector

2 x RJ45 digital audio connection

2 x RJ45 for chairman unit, delegate unit, unit translators and other connection

1 x RJ45 for wireless AP or router

1 x DP9 male interface for external control

1 x DP9 female interface for camera

1 x three-pin phoenix interface for camera control keyboard

1 x RJ45 for computer connection or network switcher

1 x grounding screw

1 x 100 ~ 240V AC Power Interface

Technical Parameters

Power 100V / 240V AC

Static power consumption 12 W

Maximum power consumption 150 W

Frequency Response 20Hz ~ 20KHz

Noise ratio (S / N) >96dBA

Total harmonic distortion <0.05%

Channel Crosstalk > 85 dB

Dynamic range >94dB

RS-232 control: 1×9-pole Sub-D female socket 1×9-pole Sub-D male socket

Ethernet control: RJ45 connected to PC

Mounting: 19" standard rack

Dimensions (mm) 483L x 260W x43.6H

Weight: 3kg

Black color



EDCP2000

Full Digital Networked DSP Conference Processor

Max. audio inputs

LINE IN 1: + 10dBu

LINE IN 2: + 10dBu

Max. audio outputs

LINE OUT 1: + 12dBu BAL.

LINE OUT 2: + 12dBu BAL.

LINE OUT 3: + 12dBu BAL.

LINE OUT 4: + 12dBu BAL.

Transmission technology: WIFI 802. 1n

Encryption technology: WPA2-PSK AES

Working frequency: 5.2-5.8 GHZ

Output impedance: > 1kΩ

PC communication method: TCP/IP

Camera control method: RS-232/UDP

Network Interface: RJ45

Display: LCD1602

Limit on the number of speakers: 1/2/4, max in 6 persons

Camera Tracking Protocol: PELCO-P/PELCO-D/VISCA

Operating temperature: 0 ~ 45C

Storage temperature: 20 ~ 50C