VISSONIC

VIS-DEC-T/VIS-DED-T

CAT5 Wired Digital Basic Discussion Chairman/Delegate Unit

Features:

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide

more convenient on project and maintenance.

● The connection of MIC units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation,

● Internal high fidelity loudspeaker

● Head-set interface in both sides with volume adjust

● Line-in interface which allows microphone or other line-in device like cell phone, laptop to pass audio through to perform teleconference

● The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.

● Strong system robust by the "Hand-in-Hand-Loop-Network" connection method.

● The microphone sensitivity of each unit and 16 level equalizer EQ can be adjusted independently

Functions:

● Compliance with IEC 60914, GBT 15381-94

● The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.

● One CAT5e cable to transmit 64 channel audio and other signals

● High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz response frequency

● "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units

● This system automatically assigned to each unit independently ID to avoid duplicate ID conflict

● The microphone sensitivity of each unit and 16 level equalizer EQ can be adjusted independently

● The 16-level equalizer EQ to achieve sound or the whole conference field adjustment, limiter to prevent the sound suddenly become loud or low; noise gate of human voice can be identified; support AGC(Automatic Gain Control)/AFC(Adaptive Feedback Cancellation)/ANC(Active Noise Control)/Mix (Auto-Mix) technology

● Hot-swap for any system unit, and the controller has auto-recovery function

● Precise directional microphone head with anti-wind microphone foam cover, with two-color LED indicator

● Button for MIC ON/OFF, Priority & Apply Answer button for chairman unit

● Built-in high fidelity speakers, it automatically mutes to prevent howling when press MIC ON

● Head-set interface in both sides with volume adjust

Discussion modes：

"OPEN" Free for all, limited by the active units setting by controller， "VOICE" Unit

activated by voice, "FIFO" First in First out，"PTT" Keep pressing button when speaking, "APPLY" To apply then to speak，"ALL" Free to speak for all people
Work with our HD camera and video matrix switcher, it apply camera auto tracking function

Technical Parameters

Button: Touchable interface, no physical buttons
Sound Pickup: heart type capacitance
Sensitivity: -46 dBV / Pa
Maximum power consumption: 2.0W
Directivity: 0 ° / 180 °> 20 dB (1 kHz)
Headphone load: 16Ω
headphone volume: 10mW
Headphone jack: 3.5mm stereo
Input impedance: 2kΩ
SNR: 70dB
Frequency response: 20 ~ 20000Hz
Connection: CAT5 / CAT6 cable + snap
Equivalent noise: 20dBA (SPL)
Main material: ABS
The maximum sound pressure: 125dB (THD <3%)
Weight: 1.1kg (with microphone)
Dimension: 120W × 140 L× 22H mm (without microphone)
Operating temperature: 0 ℃ to + 55 ℃
Color: Black

VIS-DCP1000

Full Digital Networked Economical central controller

Main 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.

● High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate and 20Hz ~ 20KHz frequency response

● The central controller can independently control four conference rooms or make combination of conference rooms, support cascading of multiple conference controllers, achieve larger conference combination and separation (including meeting management, etc.).

● "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units

● The microphone sensitivity of each unit and 16 level equalizer EQ can be adjusted independently

● USB recording, advanced noise cancellation technology to realize clearer recording

Functions

● Compliance with IEC 60914, GBT 15381-94

● With VIS-CNB digital power box, it can expand to 5200 discussion units

● Support "Hand-in-Hand-Loop-Network" connection and the system automatically assigned to each unit independently ID to avoid duplicate ID conflict

● Both wired/wireless discussion units can connect to the controller, fast and easily to adding delegate of meetings

● Wireless unit supports up to 8 microphones active simultaneously, anti-interference ability is stronger than ever, compliance with IEEE 802.11n standard Wi-Fi both for 2.4GHz and 5GHz

● 2 channel audio input, XLR or RCA type, for local input or remote video-conferencing input

- MAX 3 channel audio output, XLR, RCA or Phoenix type, to connect language translation system or output to different zones
- Adding the audio input box, this system can be used with condenser microphones or dynamic microphones
- TCP/IP connection between controller and PC
- Controlling through RS232 to realize MIC ON/OFF, Priority, Volume adjustment.
- RS485 or RS232 to send the PELCO/VISCA protocol to realize camera auto-tracking function.
- Hot-swap for any system unit, and the controller has auto-recovery function
- Wide range of voltage from 110V~220VAC

Interfaces

Front panel USB recording interface
3.5mm headphone for monitoring
1x RCA audio input
1x XLR audio input
1x RCA audio output
1x XLR audio output
3x RJ45 for chairman unit, delegate unit, unit translators and other connection
1x DP9 male interface for external control
1x DP9 female interface for camera
1x RJ45 for computer connection or network switcher
1x grounding screw
1x 100 ~ 240V DC Power Interface

Technical Parameters

Power 110V / 220V AC
Static power consumption 12W
Maximum power consumption 150W
Frequency Response 20Hz ~ 20KHz
Noise ratio (S / N)> 80dB
Total harmonic distortion <0.05%
Channel Crosstalk> 80dB
Dimensions (mm) 483L x 260W x43.6H
Dark gray color