Professional Audio Visual Manufacturer

Full Digital Networked DSP Conference System

Brochure

2016

VISSONIC ELECTRONICS Ltd.

Think Solutions
New Generation **Full Digital Network** Conference System, with High Tech in DSP unique Sound Processing

**CLEACON** Full Digital Networked DSP Conference System

**Compact yet versatile design**
The product design reflects the elegant, yet compact and easy to use features. Common CAT5e connection ensures fast and easy to build any sized meeting occasions, conference unit features a graphical interface operating area, including lighting reminder, anyone can get started quickly. Easy to install, user-friendly to use, and is designed to ensure higher productive meetings.

**High tech intelligence platform**
Timing function, overtime reminder, voting results multi-platform synchronization, network control and meeting management, conference Smart reservation, worldwide firmware real-time updates, the integration of IT technologies ensures smart conferencing platform, the CLEACON series is one of them.

**Excellent sound performance**
Advanced voice processing technology, with the unique design of the microphone head, this unit can be accurate pickup and restore the human voice through a high-quality built-in speakers or an external PA system, original AUDIO-LINK digital ring network technology, AGC(Automatic Gain Control)/AFC(Adaptive Feedback Cancellation)/ANC(Active Noise Control) help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

**Complete easy-handling management**
The Central Unit is the center of the system –Provide power to the whole discussion units, control the cameras and link to other third party devices. The 1U compact design is easily to put anywhere while keep a low profile in meeting room.
The system is aiming to increase productivity during the meeting course, it pass crystal clear voice to all participants, any first-time users can use it without training.
Wired/WIFI Wireless Discussion Units

VIS-DCC/DCD-T Chairman/Delegate devices

Technology-Hiding under glass but outstanding

The CLEACON series is the product developed by our R&D people over 10 years experience in conference system.

Scratch-resistant arc-shaped back-lit glass control panel is unique in design. CAT5 cable port is popular for its lots of advantages. Special loop ring connection methods promise the reliability and robust of our system is not affected by any broken units during conference.

Small and exquisite but powerful, that’s what we deliver to you.

- Anti-wind microphone foam cover deliver excellent intelligibility
- Strong audio collection ability to work with different length of microphone
- Two color LED ring indicator, for speaking or apply in queue status
- Precise directional microphone head with slim design
- Timer for participants control his speech time, channel selector for interpretation, and voting result display (available on high end version)
- Elegant stainless steel cover with high fidelity internal loudspeaker
- Stylish acyclic glass for operation area, a simple slight touch will active MIC (in red) or other standby feature (in white), no noise will caused in any important meeting. Dust-proof for easy clean and super robust than traditional physical buttons.
Full Digital Flush Mount Discussion

Technology-Hiding under glass but outstanding

**CLEACON F Series** Full digital conference system is designed on modular functions, add/remove features on product is no longer a problem under different situation

Scratch-resistant arc-shaped back-lit glass control panel is unique in design.

CAT5 cable port is popular for its lots of advantages. Special loop ring connection methods promise the reliability and robust of our system is not affected by any broken units during conference.

Small and exquisite but powerful, that’s what we deliver to you

- Precise directional microphone head with slim design, two colors
- Anti-wind microphone foam cover deliver excellent intelligibility
- Strong audio collection ability to work with different length of microphone
- Stainless steel speaker, with high-fidelity speakers
- 64-Channel Language selector, with audio/channel button
- Stylish glass for operation area, a simple slight touch will active MIC (in red) or other standby feature (in white), no noise will caused in any important meeting. Dust-proof for easy clean and super robust than traditional physical buttons.
**Central Control Unit**

**VIS-DCP2000 Central Control**

The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing.

- **USB recording**
- **Master volume control**
- **Automatic camera tracking control**
- For computer connection or network switcher

Sound output by separated zones, each zone is automatically adjusted according to the volume of the position of the microphone.

**Versatile conference management center**

1U compact size but gets a lot features for you. It not only provide power to all the chairman/delegate units, even it manage any requests for a meeting like adjust sound of each unit, AGC(Automatic Gain Control)/AFC(Adaptive Feedback Cancellation)/ANC(Active Noise Control)/Mix (Auto-Mix) technology is processed silently inside.

**Simple control with convenient recording**

We try to use less buttons to streamline the operation, and LCD screen helps you monitor real-time action obviously. The USB slot enable it record every important meeting discussion, to file up every contents simply.

Hot plugging without interrupting the conference, support microphone loop to ensure system redundancy, any defect units in the middle the central unit still working with other units in the loop.

Small and exquisite design won’t occupy much of your space, the sound pick-up area is wide enough to put it at a comfortable distance for you.
System Overview

Reliable, intelligibility, Easy to install/Use
CLEACON digital, F/UTP CAT5 wired conference system

Perfect Integration
We know clearly that integration is important, so our unit is ideal for any size of space – in the boardroom, courtroom, the council chamber, parliament etc, by its elegant, compact design of discussion unit & central controller which is discreetly with furniture and any environment, common CAT5 connection methods is widely used because of feature of easy expansion and affordable price.

Perfect Solution
Our conference system is not working alone, by our powerful central controller it could give you productive meeting together with all other devices. It can link with simultaneous interpretation system to achieve multi-language conference, controlling the HD cameras to auto point to the speaker and put the live video to projector screen. What’s more, the whole audio of meeting can be recorded to replay directly from central unit.

Perfect user experience
In a modern world all people familiar with touch panel devices, you just give a slight touch on our unit to active MIC on for speaking. Leave the rest to us to process your voice heard clearly anywhere.
System Connection Diagram

The system is easy to set up, connect them one by one as daisy chain loop, the CAT5 cable goes directly from one unit to the next.
The Best Features We Offer

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on projects 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,
- Dual channels selectors(only VIS-DSC/DSD) work with two earphone jackets design
- Support interpretation function with 64 channels selector which can display the language and channel number(Insert the earphone and the channel selector is active)
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Internal high fidelity loudspeaker
- 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 or Delegate unit through software settings based on model DSC-T.
The Best Features We Offer

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on projects and maintenance.
- Modular design for free combination and considering economically solution.
- Full digital 64 channels audio transition.
The Best Features We Offer

VIS-DCP2000 Central Unit

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing
- One CAT5e cable to transmit up to 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
- 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
- Support sound output by separated zones, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle.
- Support echo cancellation, remote two-way real-time call with another conference controller or another third-party video conferencing terminal
- USB recording, advanced noise cancellation technology to realize clearer recording
We are dedicated in developing conference system with cutting-edge technology, while the product in your hand is modern and user-friendly.

Think solutions to provide ideal products for industrial and commercial occasions is our permanent goal.

VISSONIC Electronics Ltd.

Please visit www.vissonic.com or send email to info@vissonic.com to learn more about our professional conference system and other products to build a complete solution.