VISSONIC

Conference System

PRODUCT DATASHEET

VISSONIC ELECTRONICS LTD.

Think Solutions

Table of Content

Application diagram

1. Wired and Wireless Mixed Conference Diagram
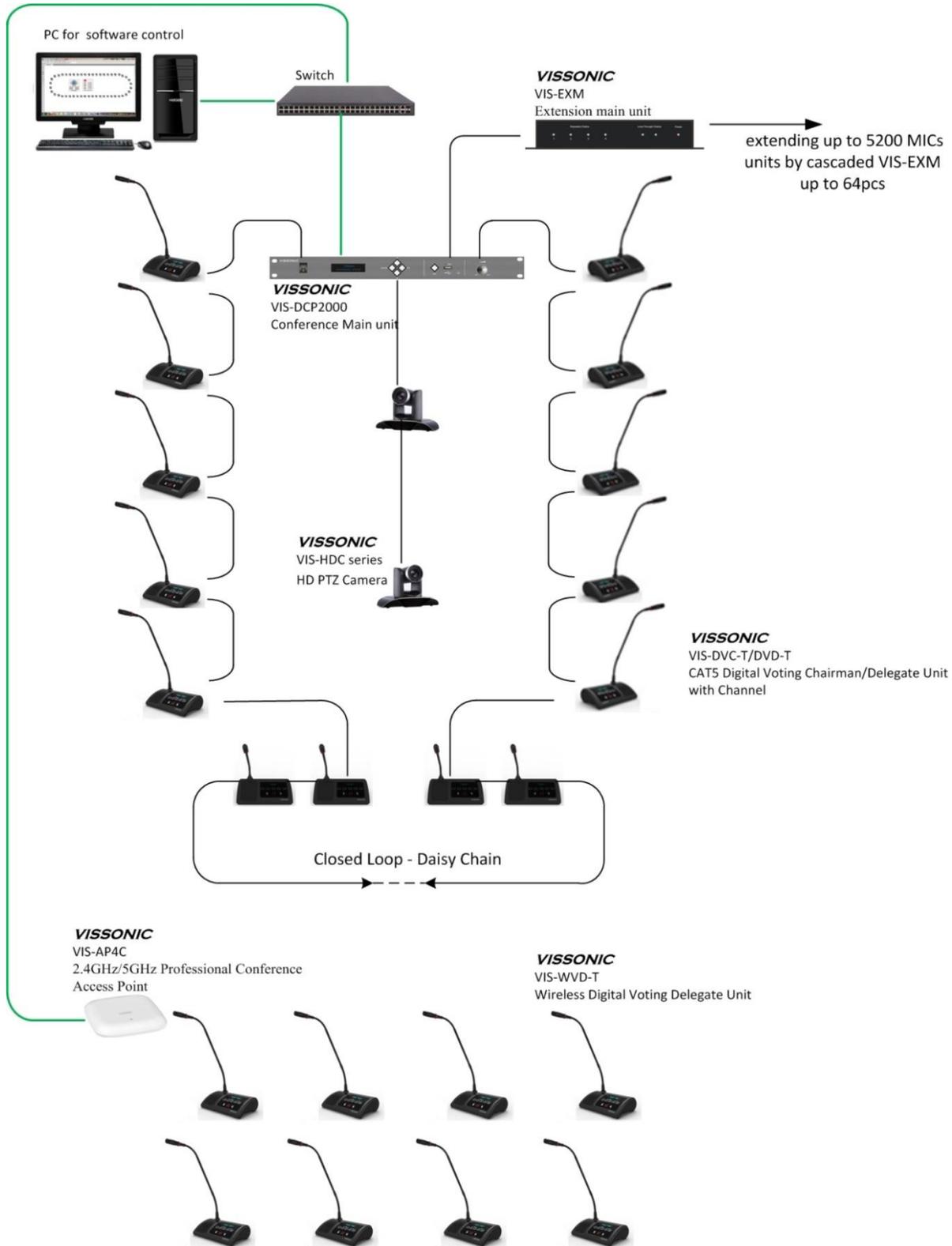
2. Camera Auto-tracking and Voting System Diagram
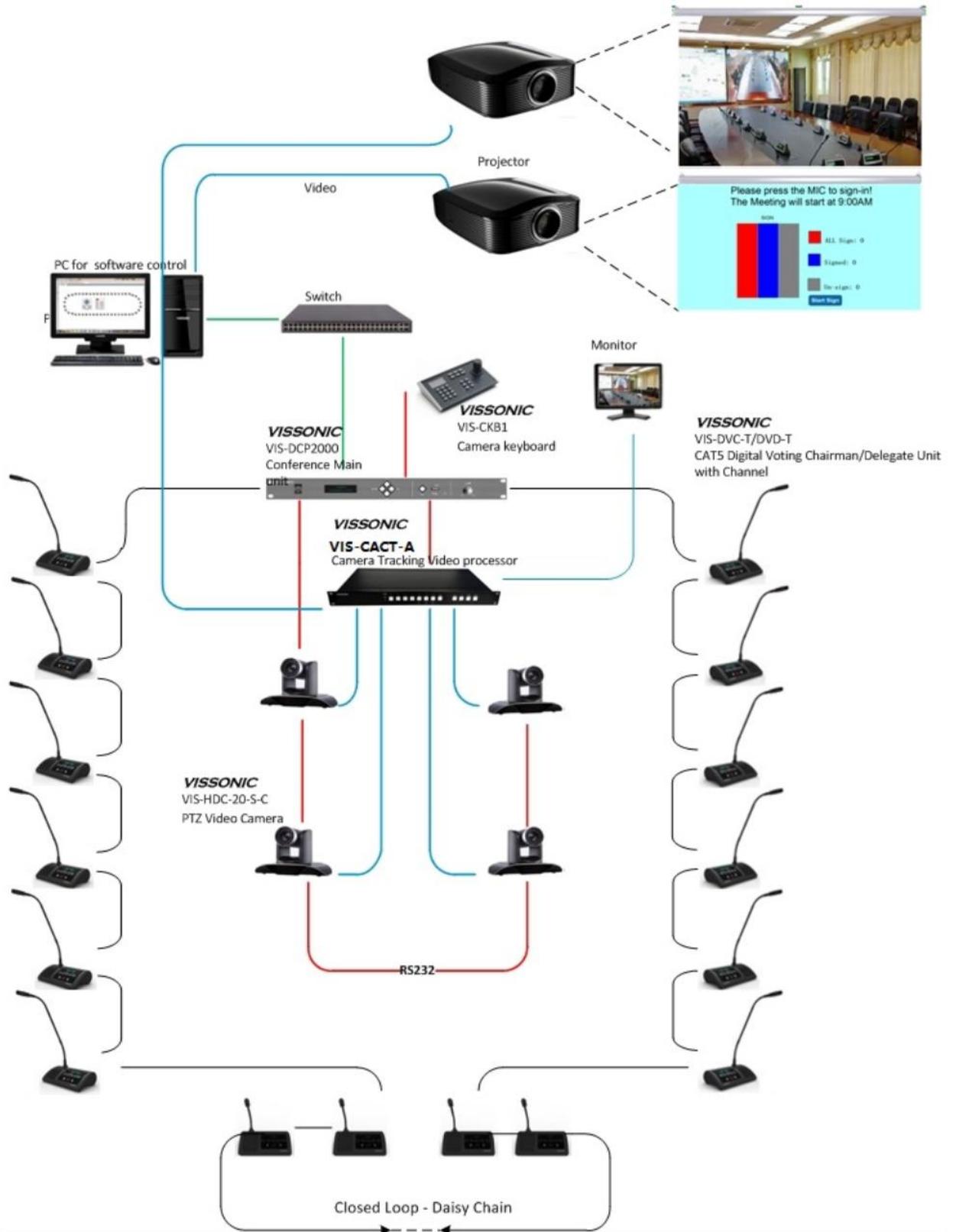
New Generation Full Digital Network Conference System, with High Tech in DSP unique Sound Processing

CLEACON Full Digital Networked DSP Conference System

Compact yet versatile design

We are well aware that the main body of the meeting is the participants, so 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.

Excellent sound performance

Advanced voice processing technology, with the unique design of the microphone, 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, Automatic Gain Control Volume(AGC) / automatic frequency control(AFC) technology help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

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.

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.

Simple control with convenient recording

We try to use less buttons to simplify the operation, and a 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

VISSONIC
Full Digital Networked DSP Conference System

VIS-DCP2000-D

Full Digital Networked DSP Conference Processor for wired units

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 VIS-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.

- Only wired discussion units can connect to the controller, fast and easily to adding delegate of meetings.
- 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/+/++
- By using RFID card to identify, can realize voting with names.

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
3.5mm headphone for monitoring
1x RCA audio input
1x XLR audio input

1x RCA audio output

1x XLR audio output

6x Phoenix audio output connector

2x RJ45 digital audio connection

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

1x RJ45 for wireless AP or router

1x DP9 male interface for external control

1x DP9 female interface for camera

1x three-pin phoenix interface for camera control keyboard

1x RJ45 for computer connection or network switcher

1x grounding screw

1x 100 ~ 240V AC Power Interface

Technical Parameters

Power 100V / 240V AC

Static power consumption 12W

Maximum power consumption 150W

Frequency Response 20Hz ~ 20KHz

Noise ratio (S / N) >96dBA

Total harmonic distortion <0.05%

Channel Crosstalk> 85dB

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

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.

Output impedance: >1kΩ

PC communication method: TCP/IP

Camera control method: RS-232/UDP

Network Interface: RJ45

Display: LCD1602

Recording file size: 0.8M/min

Limit on the number of speakers: 1/2/4/6, max in 8 persons

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

Operating temperature: 0 ～ 45℃

Storage temperature: 20 ～ 50℃

Item Model for Order

VIS-DCP2000-D.................. Full digital network DSP conference processor

VIS-DCP1000

Full Digital Networked Conference Main Unit

Features

- Intuitive function button design, no training required, easy to use
- 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
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units
- USB recording, advanced noise cancellation technology to realize clearer recording

Functions

- USB recording, advanced noise cancellation technology to realize clearer recording
- With VIS-EXM digital power box, it can expand to 5200 discussion units
- "Hand-in-Hand-Loop-Network" connection and the system automatically assigned to each unit independently ID to avoid duplicate ID conflict
- 2 channel audio input, XLR or RCA connector, for local input or remote video-conferencing input
- MAX 3 channel audio output, XLR, RCA or Phoenix connector
- Adding the audio input box, this system can be used with condenser microphones or dynamic microphones
- TCP/IP connection between controller and PC
- 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 100V~240V AC
- Without using PC software, our conference controller still owns following settings:
  - Limit on the number of speaking persons: By Setting the number of active delegate units at the same time (Number is 1/2/4/6 units)
  - Discussion modes:
  - "**OPEN**" Free for all, "**APPLY**" To apply then to speak, "**VOICE**" voice activate the mic, "**OVERIDE**" First in First out.

- Controlling through RS232 to realize MIC ON/OFF, Priority, Volume adjustment.
- Chairman unit has priority to close all other units or mute them temporarily
- Chairman unit can consent the request for speaking from delegate

Technical Parameters

Power ....100V / 240V AC@50/60Hz

Static power consumption 12W

Maximum power consumption....... 150W

Unit power supply. . . . POE48VDC

RS-232 control. . . . . 1x9 pin sub female socket 1x9 pin sub-D male socket

Ethernet control. . . . RJ45 connect computer control

Frequency Response ....20Hz ~ 20KHz

THD.........<0.05%

Channel Crosstalk> 85dB

Noise ratio (S / N)> 96dBA

Dynamic Range> 94dB

Installation parameters

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

Weight....3kg

Color.....Black

CLEACON Series **VIS-DMD-T**

Multimedia digital conference unit with touch screen

The VIS-DMD-T is a multimedia conference unit based on the VISSONIC AUDIOLINK multimedia IP network technology. It is equipped with a 4.3-inch touch screen, which improves the flexibility of the conference and the interactivity of the meeting content.

This unit can set as chairman, delegate, VIP or dual-user unit according to the requirements of the conference. As the various requirements of meeting, it can upgrade the software to achieve more functions without changing unit or hardware.

The current software module contains five functions:
-Vote
-NFC card identification
-Simultaneous interpretation channel
-Dual user
-Bluetooth

By chairman unit, you can use the touch screen on the VIS-DMD-T unit to manage different aspects of the meeting. It allows you to start, pause meetings, view request-to-speak lists, approve request, view addresser profiles and speaking times, and even record meetings, easily start and stop voting etc.

By delegate unit, you can view the agenda and the remaining time to speak. You can even see who is speaking and the position you are on the speaking list.
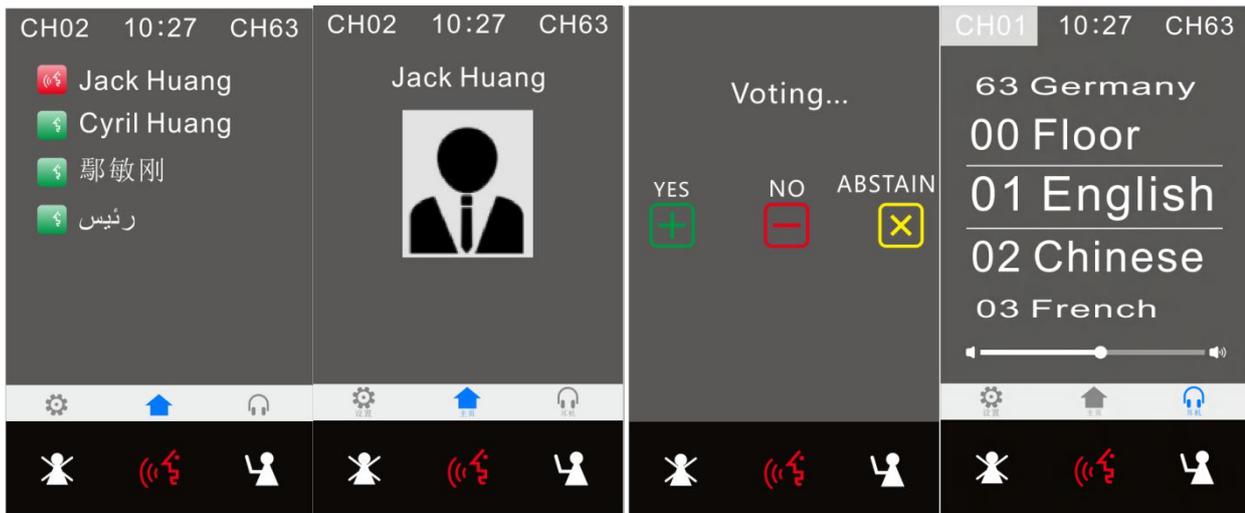
Features

- Compatible with IEC 60914, GBT 15381-94 standard
- The unique AUDIO-LINK digital network technology realizes full digital signal transmission and processing.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High-fidelity sound quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz ~ 20KHz response frequency.
- 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.
- 4.3-inch capacitive touch screen and built-in NFC card reader can quickly identify participants
- All-in-one touch screen conference unit, it can be configured as a chairman unit, delegate unit, VIP unit or dual delegate unit
- Easily expand functions by setting software modules

Functions

- The design is compact, modern and with latest VISSONIC technology
- Adopt standard CAT5e with RJ45 connector as the connection cable, which is convenient for standardized engineering wiring installation and maintenance.
- All-in-one touch screen unit can be set as the chairman, delegate, VIP or dual delegate unit via conference system software or the menu of conference controller front panel.
- Chairman unit can pause the delegate's speech, close the delegate's speech, view the speaking request list, agree or reject the delegate's speech request, and functions of starting conference recording, stopping recording, selecting conference topics, initiating sign-in, and voting.
- Delegate unit can request to speak and view your position in the request list, information of the addresser, and view the meeting topic.
- The system can set up to 32 VIP delegate units. As long as the total number of microphones already turned on in the system does not exceed 8, the VIP delegate unit can be turned on freely.
- Contains five optional function modules:

- ■ Voting: three-button / two-button voting
- ■ NFC identification: Sign in with NFC card to accurately identify user information.
- ■ Simultaneous interpretation channel: support 2 language channel selectors, each selector supports 64 languages independent selection.
- ■ Dual users: Support two participants sharing one unit to achieve camera tracking at two locations; enabling two delegates to vote on one unit.
- ■ Bluetooth: can be connected to hearing aids etc.

- 4.3-inch capacitive touch screen displays conference information, such as agenda, addresser information, addresser list and request-to-speak list, speech timing, timing speaking, current time and date, Chinese and English switching, and checking unit version information.
- The conference unit has sign-in function and service function through the touch screen
- Supports set the current microphone sensitivity and 8-band equalizer EQ adjustment.
- Can be configured with gooseneck microphone or rectangular digital and analog dual backup microphone
- Dual headphone port design, volume can be adjusted through touch screen
- Hand-in-hand-loop-network connection and star connection, the system is more reliable. Replacement one unit and failure of cable will not affect the normal operation of other units in the system.
- Hot plug-and-play, automatic recovery.
- The number of speakers limit function: you can set the speaker units that are turned on at the same time (the number is 1/2/4/6, and a maximum of 32 units are allowed to speak in the full-open mode)
- Has the following speaking modes:
- "OPEN" open mode, "VOICE" voice control mode, "OVERRIDE" mode, "APPLY" application mode, "PTT" press and hold to speak (optional), "ALL" full open mode (optional)
- Combined with camera and a camera tracking controller, it has an automatic camera tracking function.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak
4.3-inch capacitive touch display.
Microphone switch button
Chairman unit with priority button and approve to speak button

Connection

Pluggable microphone connection base
Two 3.5mm stereo Headphone jacks
Two RJ45 connectors

Technical parameter

Screen size :109.22 mm (4.3 inches)
Resolution: 800x480
Screen type: Capacitive multi-touch
Contactless NFC cards in following standards: ISO / IEC14443 Type A
Connection method: CAT5 / CAT6 cable + buckle

Electrical parameters
Power: 48V DC

Supply consumption:5 W

Frequency response :20~20000Hz

THD at rated level <0.1%

Dynamic range> 90 dB

S / N ratio> 90 dB

THD at rated level <0.1%

Audio input

Nominal microphone input 80 dB SPL in accordance with IEC60914

Maximum sound pressure 125dB (THD <3%), in line with IEC60914

Sensitivity -46 dBV / Pa

Audio output

Headphone load 16Ω Headphone volume 10mW

Headphone port 3.5mm stereo socket Input impedance 2kΩ

Mechanical parameter

Installation: desktop

Dimensions (mm, without microphone): 160L x 100W x 65H

Color: Black

Weight: 0.7KG

Environmental parameters

Operating temperature 5 ºC to +55 ºC

Relative humidity <90%

Item Model for Order

VIS-DMD-T .... Multimedia touch screen conference unit

VIS-DCP2000-D ..... Full Digital Network DSP Conference controller

VIS-MDA .... Rectangular microphone, Digital + Analog output dual backup microphone

VIS-M220 .... 220mm microphone (black) with anti-wind foam cover

VIS-M330 .... 330mm microphone (black) with anti-wind foam cover

VIS-M410 ....410mm microphone (black) with anti-wind foam cover

VIS-M480 .... 480mm microphone (black) with anti-wind foam cover

VIS-M600 .... 600mm microphone (black) with anti-wind foam cover

Optional function license

VIS-LLGE .... Dual 64-channel selector software module

VIS-LVOTE .... Vote software module

VIS-LIDEN .... NFC identification software module

VIS-LDUAL .... Dual user software module

VIS-HLBLTH .... Bluetooth Hearing Software Module

CLEACON Series VIS-DCC-T/ VIS-DCD-T

CAT5 Wired Digital 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 cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-DCC-T.

Functions

- Compliance with IEC 60914, GBT 15381-94
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, 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
- 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)
  - Discussion modes:
  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

Control & Indicators

Each unit with two-color LED indicator, red for speaking on microphone, green means need acceptance from chairman to speak
128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.
Indicator for Volume adjustment
Indicator for MIC ON/OFF
Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base
2x 3.5mm stereo headphone jack
1x 3.5mm stereo input jack
2x RJ45 connectors

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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: 195L × 120W× 60H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DCC-T..............Digital Discussion Chairman Unit, microphone and cable not include

VIS-DCD-T..............Digital Discussion Delegate Unit, microphone and cable not included

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cove

CLEACON Series VIS-DIC-T/ VIS-DID-T

CAT5 Wired Digital **Interpretation** 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 cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Internal high-fidelity loudspeaker
- Built-in interpretation channel selector
- The chairman VIS-DIC-T can set as interpreter or delegate unit.
- 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-DIC-T.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, 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
- 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)
  - Discussion modes:

  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

Control & Indicators

Each unit with two-color LED indicator, red for speaking on microphone, green means need acceptance from chairman to speak

128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.

Indicator for Volume adjustment

Indicator for MIC ON/OFF

Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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: 195L × 120W× 60H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DIC-T..............Digital Discussion Interpretation Chairman Unit, microphone and cable not include

VIS-DID-T..............Digital Discussion Interpretation Delegate Unit, microphone and cable not included

VIS-M330..................330mm Microphone, with anti-wind foam cover

VIS-M410..................410mm Microphone, with anti-wind foam cover

VIS-M485..................485mm Microphone, with anti-wind foam cover

VIS-M600..................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-DVC-T/VIS-DVD-T

CAT5 Wired Digital Voting Chairman/Delegate Unit with Channel Selector

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 cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- Five keys voting function
- 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
- 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-DVC-T.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.

- 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 assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Five keys voting function
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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
- 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)
  - Discussion modes:

  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
  - Voting function: Approve/Abstain/Object
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
  - Support simultaneous language interpretation
- More voting functions available by PC software
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with volume bar, clock, time span of microphone activating, interpretation channels and language, MIC ON/OFF and other information.

5 voting keys with indicators, while no launching voting, no.2 and no.3 button is also work as channel selecting buttons, no.4 and no.5 work as volume buttons.

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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: 195L × 120W× 60H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DVC-T..............Digital Discussion Chairman Voting Unit, microphone and cable not include

VIS-DVD-T..............Digital Discussion Delegate Voting Unit, microphone and cable not included

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-DSC-T/ VIS-DSD-T

CAT5 Wired Dual Channels 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 projects and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- Dual channels selectors work with two earphone jackets design
- 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-DSC-T.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz

Page 26

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 assigned to each unit independently ID to avoid duplicate ID conflict
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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
- 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)
  - Discussion modes:

  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
  - Support simultaneous language interpretation
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- The unit showing real time on the screen, and count-down timer for speaking person.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with volume bar, clock, time span of microphone activating, interpretation channels and language, MIC ON/OFF and other information.

2 groups of channels selecting buttons

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

2x RJ45 connectors for daisy chain

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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: 195L × 120W× 60H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DSC-T.......................Dual channels Chairman Unit, microphone and cable not include

VIS-DSD-T.......................Dual channels Delegate Unit, microphone and cable not include

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

VIS-DEC-T/VIS-DED-T

CAT5 Wired Digital Basic Discussion Chairman/Delegate Unit

Features

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing
- Stylish, low profile design with touchable interface
- Compliance with IEC 60914, GBT 15381-94
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- The cable 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.

- 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
- Limiter to prevent the sound suddenly become loud or low; noise gate of human voice can be identified; 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 cardioid directional microphone capsule with anti-wind microphone foam, 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, "OVERRIDE" 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 applies camera auto tracking function

Technical Parameters

Button: Touchable interface
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: Aluminum Cover + ABS base
The maximum sound pressure: 125dB (THD <3%)
Weight: 0.9kg (with microphone)
Dimension: 120W × 140 L× 22H mm (without microphone)
Operating temperature: 0 ℃ to + 55 ℃
Color: Black

VIS-DEC-T1/VIS-DED-T1

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 2x 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-DOC-T/VIS-DOD-T

CAT5 Wired Digital Discussion Unit with physical button

The appearance of this conference unit continues the classic design ideas, absorbing a number of classic microphone elements, including a long-stroke physical speaking button with a concave relief, a built-in 2x2W high-quality speaker, and a symmetrical design. The core uses VISSONIC digital network technology to maintain consistent excellence. Installation and use experience.

Features

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing
- Stylish, low profile design with physical button
- Compliance with IEC 60914, GBT 15381-94
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- The cable 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.
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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
- Limiter to prevent the sound suddenly become loud or low; noise gate of human voice can be identified; 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 cardioid directional microphone capsule with anti-wind microphone foam, 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, "OVERRIDE" 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 applies camera auto tracking function

Control & Indicators

Electrical parameters

Maximum power consumption: 2.0W

Frequency response: 20Hz ~ 20kHz

Total harmonic distortion (THD) .... <0.1%

Dynamic range ....> 94dB

Signal-to-noise ratio (S / N) ....> 96dB

Headphone load impedance ....> 16Ω <1kΩ

Headphone output power 25mW

Rated microphone input ....> 70dB SPL

Maximum microphone input ....> 100dB SPL

Speaker rated output ....> 70dB SPL at 0.5m

Sensitivity ....- 46 dBV / Pa

Mechanical parameter

Connection method .... CAT5 / CAT6 cable + snap

Buttons .... Stroke button

Main material: .... Aluminum alloy, ABS

Color: Black

Weight 0.9kg

Dimensions (mm) .... 140 width × 120 depth × 33 height

Item Model for Order

VIS-DOC-T .... All-digital network discussion chairman unit

VIS-DOD-T .... All digital network discussion representative unit

VIS-DCP1000 .... All Digital Network Conference System controller

VIS-M220 .... 220mm microphone (black) with anti-wind foam cover

VIS-M330 ..... 330mm microphone (black) with anti-wind foam cove

VIS-M410 .... 410mm microphone (black) with anti-wind foam cove

VIS-M485 .... 485mm microphone (black) with anti-wind foam cove

VIS-M600 ..... 600mm microphone (black) with anti-wind foam cove

CLEACON Series VIS-DCC-F/ VIS-DCD-F

Digital Flush-mounting 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 projects and maintenance.
- Pluggable gooseneck microphone
- Priority button and approval button on chairman unit VIS-DCC-F
- 3.5 earphone jack
- 48 kHz audio sampling rate
- Anti RF interference from cell phone or similar devices.
- Hot plug and play
- The discussion unit VIS-DCC-F/ VIS-DCD-F can be used independently or connected to VIS-DVU-FS and VIS-SPK-F.

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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 is assigned to each unit independently ID to avoid duplicate ID conflict
- 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 cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Button for MIC ON/OFF, Priority & Apply Answer button for chairman unit
- 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)
  - Discussion modes:

"**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak

  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
  - Support simultaneous language interpretation by connected to the channel selector
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.
MIC ON/OFF buttons with indicating backlight
Chairman unit with priority button and consent button for the delegates

Interfaces

1xPluggable gooseneck microphone base
1x 3.5mm stereo headphone jack on front
2x RJ45 connectors for daisy chain
RJ11 socket for VIS-DVU-FS
3.5mm socket, RJ11 for VIS-DCC-FS/ VIS-DCD-FS
1x3.5mm speaker socket for VIS-SPK-F

Technical Parameters

Button: Touchable interface
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

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

The maximum sound pressure: 125dB (THD <3%)

Weight: 0.6kg (with microphone)

Dimension: 100L × 40W× 65H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DCC-F........................ Digital Flush-mounting Discussion Chairman Unit, microphone and cable not include

VIS-DCD-F........................ Digital Flush-mounting Discussion Delegate Unit, microphone and cable not include

VIS-SPK-F........................ Flush-mounting Speaker Unit

VIS-M330..................330mm Microphone, with anti-wind foam cover

VIS-M410..................410mm Microphone, with anti-wind foam cover

VIS-M485..................485mm Microphone, with anti-wind foam cover

VIS-M600..................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-CSU-F

Digital Flush-mounting 64 Channel Selector

Features

- Stylish, low profile design with touchable interface
- 64 language channels for simultaneous interpretations, all channels with a 20Hz to 20kHz frequency response.
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on projects and maintenance.
- Automatically adapts to available channels
- Built-in "Auto Silent" function
- Flush mountable in tabletops, on top or at the front, or in arm-rest of seats.
- Hot plug and play
- The channel selector VIS-CSU-F can be used independently or connected to VIS-DVU-FS1 or VIS-DVU-FS2

Functions

- 64 language channels for simultaneous interpretations, all channels with a 20Hz to 20kHz frequency response.
- Built-in channel selecting buttons, volume adjust buttons and OLED display
- The channel selectors will active only when the headphone is inserted.
- Upon insertion of a headphone the default 'floor' channel (channel 0) is selected with a comfortable headphone volume and the dimmed backlight is activated.

Control & Indicators

Two touch-buttons(up/down) for channel selection
Two touch-buttons(up/down) for headphone volume control
OLED display for channels and volume information

Interfaces

3.5mm stereo audio jacket on front for headphone
2x RJ45 connectors for daisy chain
RJ11 port for VIS-DVU-FS1 or VIS-DVU-FS2
RJ11 and 3.5mm port for VIS-DCC-FS/ VIS-DCD-FS

Technical Parameters

Button: Touchable interface

Maximum power consumption: 1.8W

Headphone load: 16Ω

headphone volume: 10mW

Headphone jack: 3.5mm stereo

Input impedance: 2kΩ

SNR: 70dB

Frequency response: 20 ~ 20000Hz

Weight: 0.2kg

Dimension: 100L × 40W× 65H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-CSU-F........................ Digital Flush-mounting 64 Channel Selector

VIS-DCC-F........................ Digital Flush-mounting Discussion Chairman Unit, microphone and cable not include

VIS-DCD-F........................ Digital Flush-mounting Discussion Delegate Unit, microphone and cable not include

VIS-DVU-FS1........................ Digital Voting Unit with IC Card Reader

VIS-DVU-FS2........................ Digital Voting Unit

CLEACON Series **VIS-DVU-FS1**

Digital Voting Unit with IC-Card Reader

Features

- Flushing-mounting, stylish, low profile design with touchable interface
- Max system capacity: 3000 voting units
- 5 voting keys
- Built-in contactless IC-Card reader
- Hot plug and play

Functions

- 5 voting buttons with the red back-light confirmation indicators to prompt the users to indicate presence, to vote and to confirm registration of what is voted. The buttons and indicators work as follows:
  - Yes (+), no (-) and abstain(x) (For/against, parliamentary voting)
  - Numerals 1 to 5(Used for multiple choice, option polls and rating)
  - Rating scale: --, -,0, +, ++ (used for audience response)
- Use the PC software to support more voting form
- Max. system capacity:3000 voting units
- Built-in contactless IC card reader
- Key-press sign-in
- Automatic detection

Control & Indicators

Five touch-buttons for voting
One LED sign-in indicator
One IC card reader slot

Interfaces

No1. RJ11 port for VIS-CSU-F or VIS-DCC-F/ VIS-DCD-F
No.2 RJ11 port for VIS-DCC-FS/VIS-DCD-FS

Technical Parameters

Connection: CAT5/6e cable

Material: Aluminum alloy

Mounting: Flush-mounting

Weight: 0.2KG

Dimension:100L×40W×65H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-DVU-FS1.................... Digital Voting Unit with IC Card Reader

VIS-DCC-F........................ Digital Flush-mounting Discussion Chairman Unit, microphone and cable not include

VIS-DCD-F....................... Digital Flush-mounting Discussion Delegate Unit, microphone and cable not include

VIS-CSU-F....................... Digital Flush-mounting 64 Channel Selector

CLEACON Series VIS-DVU-FS2

Digital Voting Unit

Features

- Flushing-mounting, stylish, low profile design with touchable interface
- Max system capacity: 3000 voting units
- 5 voting keys
- Hot plug and play

Functions

- Anti 8kV static, conforms to IEC CISPR 24
- 5 voting buttons with the red back-light confirmation indicators to prompt the users to indicate presence, to

vote and to confirm registration of what is voted. The buttons and indicators work as follows:

- ■ Yes (+), no (-) and abstain(x) (For/against, parliamentary voting)
- ■ Numerals 1 to 5(Used for multiple choice, option polls and rating)
- ■ Rating scale: --, -, 0, +, ++ (used for audience response)
- ● Use the PC software to support more voting form
- ● Max. system capacity:3000 voting units
- ● Key-press sign-in
- ● Automatic detection

Control & Indicators

Five touch-buttons for voting
One LED sign-in indicator

Interfaces

No1. RJ11 socket for VIS-CSU-F or VIS-DCC-F/ VIS-DCD-F
No.2 RJ11 socket for VIS-DCC-FS/VIS-DCD-FS

Technical Parameters

Connection: CAT5/6e cable
Material: Aluminum alloy
Mounting: Flush-mounting
Weight: 0.2KG
Dimension: 100L×40W×30H mm
Operating temperature: 0 ℃ to + 55 ℃
Color: Black

Item Model for Order

VIS-DVU-FS2................... Digital Voting Unit
VIS-DCC-F........................ Digital Flush-mounting Discussion Chairman Unit, microphone and cable not include
VIS-DCD-F........................ Digital Flush-mounting Discussion Delegate Unit, microphone and cable not include
VIS-CSU-F........................ Digital Flush-mounting 64 Channel Selector

CLEACON Series VIS-SPK-F

Flush-mounting Speaker Unit

Features

- Unique compact design with aluminum enclosure
- High fidelity internal speaker

Interfaces

1 m cable terminated with a 3.5 mm stereo jack

Technical Parameters

Interface load: 16Ω

Speaker:3W

Connection: CAT5/6e cable

Material: Aluminum alloy

Mounting: Flush-mounting

Weight: 0.2KG

Dimension: 100L × 40W× 30H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-SPK-F........................ Flush-mounting Speaker Unit

VIS-DCC-F........................ Digital Flush-mounting Discussion Chairman Unit, microphone and cable not include

VIS-DCD-F........................ Digital Flush-mounting Discussion Delegate Unit, microphone and cable not include

CLEACON Series VIS-FFC-F1/VIS-FFD-F1

Flush-mounting all-in-one discussion Unit with Voting and Channel Selector

Features

- Flush mounting, Stylish, low profile design with physical interface
- Standard CAT5e and RJ45 connectors are used in CLEACON series to provide more convenient on project and maintenance.
- Internal high-fidelity loudspeaker
- Priority button and approval button
- Five voting keys
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, all 64 channels with 20Hz~20KHz response
- Built-in channels selector consists of up/down channel select buttons
- 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.
- Gain and EQ (15 segment) of each microphone adjustable separately
- Hot plug and play
- Built-in contactless IC-Card reader

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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 assigned to each unit independently ID to avoid duplicate ID conflict
- Audio signals processed by high performance DSP
- Support AGC (Automatic Gain Control,15 segment)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control 15 segment)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function, support 'Hot plug and play'
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Five keys voting function
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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
- 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)
  - Discussion modes:

  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
  - Voting function: Approve/Abstain/Object
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
  - Support simultaneous language interpretation
- More voting functions available by PC software
- Key press sign-in or contactless IC cards sign-in
- Built-in contactless IC-card slot to place the IC card, while automatically logout once the card is taken out from the slot
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- Activation at any time for chairman unit (if the number of active microphones in this system is less than 8)
- The unit showing real time on the screen
- Priority button to switch off or to mute the delegate units
- Approve/denies delegates speaking request by two buttons

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with clock, interpretation channels and language, MIC ON/OFF etc.

5 voting keys with indicators

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

Headphones volume up and down

Interfaces

Socket for Pluggable gooseneck microphone

3.5mm stereo Headphone jack

2x RJ45 connectors

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 265L × 85W× 72H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-FFC-F1......... Digital Voting Chairman unit with Channel Selector & voting, microphone and cable not include

VIS-FFD-F1.......... Digital Voting Delegate unit with Channel Selector & voting, microphone and cable not include

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-FFC-F2/VIS-FFD-F2

Flush-mounting Chairman/Delegate Unit with Voting and Channel Selector

Features

- Flush mounting, 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.
- Internal high-fidelity loudspeaker
- Priority button and approval button
- Five voting keys
- 128x32 OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly and more reliable.
- Support interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, all 64 channels with 20Hz~20KHz response
- Built-in channels selector consists of up/down channel select buttons
- 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.
- Gain and EQ (15 segment) of each microphone adjustable separately
- Supporting Hot plug and play
- Built-in contactless IC-Card reader

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.

- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 assigned to each unit independently ID to avoid duplicate ID conflict
- Audio signals processed by high performance DSP; sound quality approaching CD quality
- Support AGC (Automatic Gain Control,15 segment)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control 15 segment)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function, support 'Hot plug and play'
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator
- Five keys voting function
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- 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
- 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)
  - Discussion modes:
  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
  - Voting function: Approve/Abstain/Object
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
  - Support simultaneous language interpretation
- More voting functions available by PC software
- Key press sign-in or contactless IC cards sign-in
- Built-in contactless IC-card slot to place the IC card, while automatically logout once the card is taken out from the slot
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function
- Activation at any time for chairman unit (if the number of active microphones in the system is less than 8)
- The unit showing real time on the screen
- Priority button to switch off or to mute the delegate units
- Approve/denies delegates speaking request by two buttons
- The Chairman unit controls voting start, hold, resume and stop
- The Chairman unit controls on-off switch for displaying voting results on delegate unit's LCD
- The Chairman unit can be configured as delegate by software

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with clock, interpretation channels and language, MIC ON/OFF, and voting information etc.

5 voting keys with indicators

MIC ON/OFF buttons with indicators

Chairman unit with priority button and consent button for the delegates

Headphones volume up and down

Interfaces

Socket for Pluggable gooseneck microphone

3.5mm stereo Headphone jack

2x RJ45 connectors

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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: CAT5e / CAT6 cable

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 265L × 85W× 72H mm (without microphone)

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

Item Model for Order

VIS-FFC-F2.............. Digital Voting Chairman unit with Channel Selector (microphone and cable not include)

VIS-FFD-F2.............. Digital Voting Delegate unit with Channel Selector (microphone and cable not include)

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

New Generation 5GHz Wi-Fi Wireless Conference System, with High Tech in DSP unique Sound Processing

CLEACON 5GHz Wi-Fi Wireless Conference System

Standard Wi-Fi Communication

Our CLEACON wireless conference system is an
innovative system based on standard Wi-Fi technology and self-adjustment technology. The system work in the2.4Hz and 5GHz band and get the 44 channels for communication to coexist with other Wi-Fi network. The unique self-adaptive technology is strong anti-interference ability ensure the system interference-free and highly flexible for different application. The standard Wi-Fi Technology make the system can work in around the world and no ISM limit.

Ease of Use

The system is no additional cabling and testing and run under the 25-meter radius of Wi-Fi signal which is full 360-degree coverage. All microphone units automatically identify the access point and communicate with WPA2 secure connection to ensure the conferencing safety.

Compact yet versatile design

The product design reflects the elegant, yet compact and easy to use features. 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.

Excellent legibility sound

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, Automatic Gain Control Volume(AGC) / automatic frequency control(AFC) technology help reach higher volume without triggering the howling effect, ensures clear sound to every person in the room.

High tech intelligence platform

Timing function, overtime speaking 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 is one of them.

VIS-DCP2000-W

Full Digital Networked DSP Conference Processor

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 VIS-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/+/++
- By using RFID card to identify, can realize voting with names.

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

3.5mm headphone for monitoring

1x RCA audio input

1x XLR audio input

1x RCA audio output

1x XLR audio output

6x Phoenix audio output connector

2x RJ45 digital audio connection

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

1x RJ45 for wireless AP or router

1x DP9 male interface for external control

1x DP9 female interface for camera

1x three-pin phoenix interface for camera control keyboard

1x RJ45 for computer connection or network switcher

1x grounding screw

1x 100 ~ 240V AC Power Interface

Technical Parameters

Power 100V / 240V AC

Static power consumption 12W

Maximum power consumption 150W

Frequency Response 20Hz ~ 20KHz

Noise ratio (S / N) >96dBA

Total harmonic distortion <0.05%

Channel Crosstalk> 85dB

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

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 ~ 45℃

Storage temperature: 20 ~ 50℃

Item Model for Order

VIS-DCP2000-W.................. Full digital network DSP conference processor

CLEACON Series VIS-WDC-T/VIS-WDD-T

Wireless Digital **Discussion** Chairman/Delegate Unit

Features

- Stylish, low profile design with touchable interface
- Wireless communication, setting up all system in few minutes to be ready for using, and put them away in short time as well
- Built-in DC connector for power supply without battery
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously
- Internal high-fidelity loudspeaker
- Pluggable microphone and long range sound pickup ability, support different length of microphone.
- 2.23-inch OLED display with backlight, with status of signal and battery indication icon
- 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
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-WDC -T.

Functions

- Compliance with IEC 60914, GBT 15381-94
- Standard Wi-Fi technology is compatible with other Wi-Fi networks, support 2.4GHz and 5GHz on all channels.
- Full-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KHz;
- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit
- 8 units of delegates can open at the same time
- Support more AP working together to increasing the Wi-Fi coverage range for wireless MIC units working in a large conference room or multi-rooms
- With our HD PTZ camera and video matrix switcher, using RS485 or RS232 protocol to send the PELCO/VISCA protocol to realize camera auto-tracking function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, 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 adjustment.
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- 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)
  - Discussion modes:
  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
- The unit showing real time on the screen, and count-down timer for speaking person.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, power-saving technology to enable 24 hours continuous use and 48 hours for standby.
- Combined with camera and camera tracking controller, it has an automatic camera tracking function.
- With 2.5mm adapter power supply interface, used for emergency power supply.
- Built-in MCU, support wireless upgrade of all units.
- With voice control function, you can adjust the sensitivity of voice control, intelligently turn on the microphone and set the off time.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.
128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.
Indicator for Volume adjustment
Indicator for MIC ON/OFF
Chairman unit with priority button and consent button for the delegates
Power ON/OFF button is hiding on the left side

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

Contactor for battery pack

DC Connector for power adaptor

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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

Equivalent noise: 20dBA (SPL)

Main material: ABS

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 195L × 120W× 60Hmm (without microphone)

Item Model for Order

VIS-WDC-T............Wireless Discussion Chairman unit, battery and microphone are not included

VIS-WDD-T............Wireless Discussion Delegate unit, battery and microphone are not included

VIS-WBTY1..............Battery pack for each unit,8.4VDC,6600mA

VIS-WCH1.................Charger for battery

VIS-M330..................330mm Microphone, with anti-wind foam cover

VIS-M410..................410mm Microphone, with anti-wind foam cover

VIS-M485..................485mm Microphone, with anti-wind foam cover

VIS-M600..................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-WVC-T/VIS-WVD-T

Wireless Digital **Discussion** +**Voting** Chairman/Delegate Unit

Features

- Stylish, low profile design with touchable interface
- Wireless communication, setting up all system in few minutes to be ready for using, and put them away in short time as well
- 5 buttons for voting and ranking.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, working time is 24 hours, 40 hours for standby
- Built-in DC connector for power supply without battery
- Internal high-fidelity loudspeaker
- built-in up 3 channels interpretation (optional on another model)
- Pluggable microphone and long-range sound pickup ability, support different length of microphone.
- 2.23-inch OLED display with backlight, with status of signal and battery indication icon
- 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
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-WVC -T.

Functions

- Compliance with IEC 60914, GBT 15381-94
- Standard Wi-Fi technology is compatible with other Wi-Fi networks, support 5GHz on all channels.
- Full-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KHz;
- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to

prevent wiretapping and unauthorized access from delegate unit

- 8 units of delegates can open at the same time
- Support more AP working together to increasing the Wi-Fi coverage range for wireless MIC units working in a large conference room or multi-rooms
- With our HD camera and video matrix switcher, using RS485 or RS232 protocol to send the PELCO/VISCA protocol to realize camera auto-tracking function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator.
- 5 voting buttons and 1 MIC ON/OFF button, 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
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- 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)
  - Discussion modes:
  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
  - Voting function: Approve/Abstain/Object
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
- More voting functions available by PC software
- The unit showing real time on the screen, and count-down timer for speaking person.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, power-saving technology to enable 24 hours continuous use and 48 hours for standby
- Combined with camera and camera tracking controller, it has an automatic camera tracking function.
- With 2.5mm adapter power supply interface, used for emergency power supply.
- Built-in MCU, support wireless upgrade of all units.
- With voice control function, you can adjust the sensitivity of voice control, intelligently turn on the microphone and set the off time.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.
128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.
Indicator for Volume adjustment
5 voting keys with indicators, while no launching voting, no.2 and no.3 button is also work as channel selecting buttons, no.4 and no.5 work as volume buttons.
Indicator for MIC ON/OFF
Chairman unit with priority button and consent button for the delegates
Power ON/OFF button is hiding on the left side

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

Contactor for battery pack

DC Connector for power adaptor

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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

Equivalent noise: 20dBA (SPL)

Main material: ABS

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 195L × 120W× 60Hmm (without microphone)

Item Model for Order

VIS-WVC-T...........Wireless Voting and interpretation Chairman unit, battery and microphone are not included

VIS-WVD-T............Wireless Voting and interpretation Delegate unit, battery and microphone are not included

VIS-WBTY1..............Battery pack for each unit,8.4VDC,6600mA

VIS-WCH1.................Charger for battery

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

CLEACON Series VIS-WSC-T/VIS-WSD-T

Wireless Digital **Dual Selectors** Chairman/Delegate Unit

Features

- Stylish, low profile design with touchable interface
- Wireless communication, setting up all system in few minutes to be ready for using, and put them away in short time as well
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously
- Built-in DC connector for power supply without battery
- Internal high-fidelity loudspeaker
- Dual Interpretation Selectors
- Built-in up 8 channels interpretation for each selector
- Pluggable microphone and long range sound pickup ability, support different length of microphone.
- 2.23-inch OLED display with backlight, with status of signal and battery indication icon
- 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
- Full-digital signal transmission and processing, completely avoid the RF interference from cell phone or similar devices.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak, will remind user or close the MIC automatically.
- All units can be configured as Chairman or Delegate unit through software settings based on model VIS-WSC -T.

Functions

- Compliance with IEC 60914, GBT 15381-94
- Standard Wi-Fi technology is compatible with other Wi-Fi networks, support 2.4GHz and 5GHz on all channels.
- Full-digital transmission and processing technology in uncompressed audio, professional microphone to achieve perfect sound quality at 20Hz ~ 20KHz;

- 128 bits digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit
- 8 units of delegates can open at the same time
- Support more AP working together to increasing the Wi-Fi coverage range for wireless MIC units working in a large conference room or multi-rooms
- With our HD camera and video matrix switcher, using RS485 or RS232 protocol to send the PELCO/VISCA protocol to realize camera auto-tracking function
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator.
- 2 channels selectors and 1 MIC ON/OFF button, 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
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- 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)
  - Discussion modes:
  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can consent the request for speaking from delegate
- More voting functions available by PC software
- The unit showing real time on the screen, and count-down timer for speaking person.
- Detachable battery pack is easy to replace and charge, 4 hours to fully charged. Can use 24 hours continuously, power-saving technology to enable 24 hours continuous use and 48 hours for standby
- Combined with camera and camera tracking controller, it has an automatic camera tracking function.
- With 2.5mm adapter power supply interface, used for emergency power supply.
- Built-in MCU, support wireless upgrade of all units.
- With voice control function, you can adjust the sensitivity of voice control, intelligently turn on the microphone and set the off time.

Control & Indicators

Microphone with two-color LED ring, red indicates speaking status, green indicates request to speak.

128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc and other information.

Indicator for Volume adjustment

2 groups of channels selector buttons

Indicator for MIC ON/OFF

Chairman unit with priority button and consent button for the delegates

Power ON/OFF button is hiding on the left side

Interfaces

Pluggable gooseneck microphone base

2x 3.5mm stereo headphone jack

1x 3.5mm stereo input jack

Contactor for battery pack

DC Connector for power adaptor

Technical Parameters

Button: Touchable interface

Sound Pickup: heart type capacitance

Display: OLED display 128 × 32

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

Equivalent noise: 20dBA (SPL)

Main material: ABS

Operating temperature: 0 ℃ to + 55 ℃

Color: Black

The maximum sound pressure: 125dB (THD <3%)

Weight: 1.1kg (with microphone)

Dimension: 195L × 120W× 60Hmm (without microphone)

Item Model for Order

VIS-WSC-T...........Wireless Dual Channels Chairman unit, battery and microphone are not included

VIS-WSD-T............Wireless Dual Channels Delegate unit, battery and microphone are not included

VIS-M330.................330mm Microphone, with anti-wind foam cover

VIS-M410.................410mm Microphone, with anti-wind foam cover

VIS-M485.................485mm Microphone, with anti-wind foam cover

VIS-M600.................600mm Microphone, with anti-wind foam cover

VIS-AP4C

2.4GHz/5GHz Conference Access Point

Features

- Connect with the Wi-fi conference processor VIS-DCP2000-W, or with the switch to extend more conference AP in the same system.
- Typical coverage range 30m
- Install on ceiling, wall or with stand rack mount
- 128 bits AES digital encryption technology, with WAP2 secure connection, MAC address filtering, SSID-hiding to prevent wiretapping and unauthorized access from delegate unit

Functions

- LED indicator for signal/power
- 5GHz dual band communication
- LAN support POE power supply
- RJ45 for LAN connection

Technical Parameters

Power Consumption Operational:11 Watt
Power Over Ethernet (POE)supported: POE
Installation: Ceiling, Wall or Stand Rack
Dimension: 220Lx220Wx45H(mm)
Weight:0.3KG
Color: White

Item Model for Order

VIS-AP4C................. 2.4GHz/5GHz Conference Access Point (White)

VIS-WBTY1

Rechargeable Battery pack for wireless unit

Features

- Long life and lasting stability of charging performance
- After fully charged it can use 24 hours
- Four hours needed to fully charge
- Efficient lithium batteries

Functions

Contactor by pop-up pins
Buckle housing to prevent poor contact or dropping

Technical Parameters

Battery capacity: 4900mA
Output voltage: 7.2VDC
Weight: 285g
Operation temperature: -20℃~60℃

Item Model for Order

VIS-WBTY1.................. Battery pack for wireless units,4900mA 7.2VDC
VIS-WCH1.................. Charger for battery, 8 pcs VIS-WBTY1 at one time

VIS-WCH1

Charger for battery

Features

- Three hours needed to fully charge
- MAX 8 pcs battery charging at one time
- Wide range power input: 100V~240V AC
- Buckle housing to prevent poor contact or dropping, light in weight for easy moving

Functions

Contactor by pop-up pins

Buckle housing to prevent poor contact or dropping

Technical Parameters

Input: 100 ~ 240VAC 50 ~ 60HZ
Output: 7.2V/1000mA
Power consumption: 20W
Size: 320Lx200Wx50H(mm)
Weight: 2KG

Item Model for Order

VIS-WBTY1.................. Battery pack for wireless units, 4900mA 7.2V DC
VIS-WCH1.................. Charger for battery, 8 pcs VIS-WBTY1 at one time

Array Microphone Conference System, with High Tech in DSP unique Sound Processing

SONICON Array Microphone Conference System

Simple but elegant design

The whole housing is made Aluminum alloy and supply different colors for option to meet different conference tables. The compress appearance can be putted on the table and won't occupy extra space on front of speaker.

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, Automatic Gain Control Volume(AGC) / automatic frequency control(AFC) technology help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

High tech intelligence platform

Timing function, overtime speaking reminder, network control and meeting management, conference Smart reservation, worldwide firmware real-time updates, the integration of IT technologies ensures smart conferencing platform, the SONICON series is one of them.

VISSONIC
VIS-SPK8-D
DANTE Loudspeaker

Microphone

VISSONIC
VIS-DSP8-D
DANTE Digital audio processor

PC

VISSONIC
VIS-EXM
Extension controller

VISSONIC
VIS-DCP2000-R
DSP Networked controller with Dante

VISSONIC
VIS-DAC-T/VIS-DAD-T
Array microphone

VISSONIC
VIS-CRS03
AV recorder

VISSONIC
VIS-HDC series
HD camera

VISSONIC
VIS-CNB
Connection box

Display

Ring Connection

| ━━ **CAT5e cable-AUDIO LINK** | ━━ **CAT5e cable DANTE** | ━━ RS232 | ━━ Video | ━━ Audio |
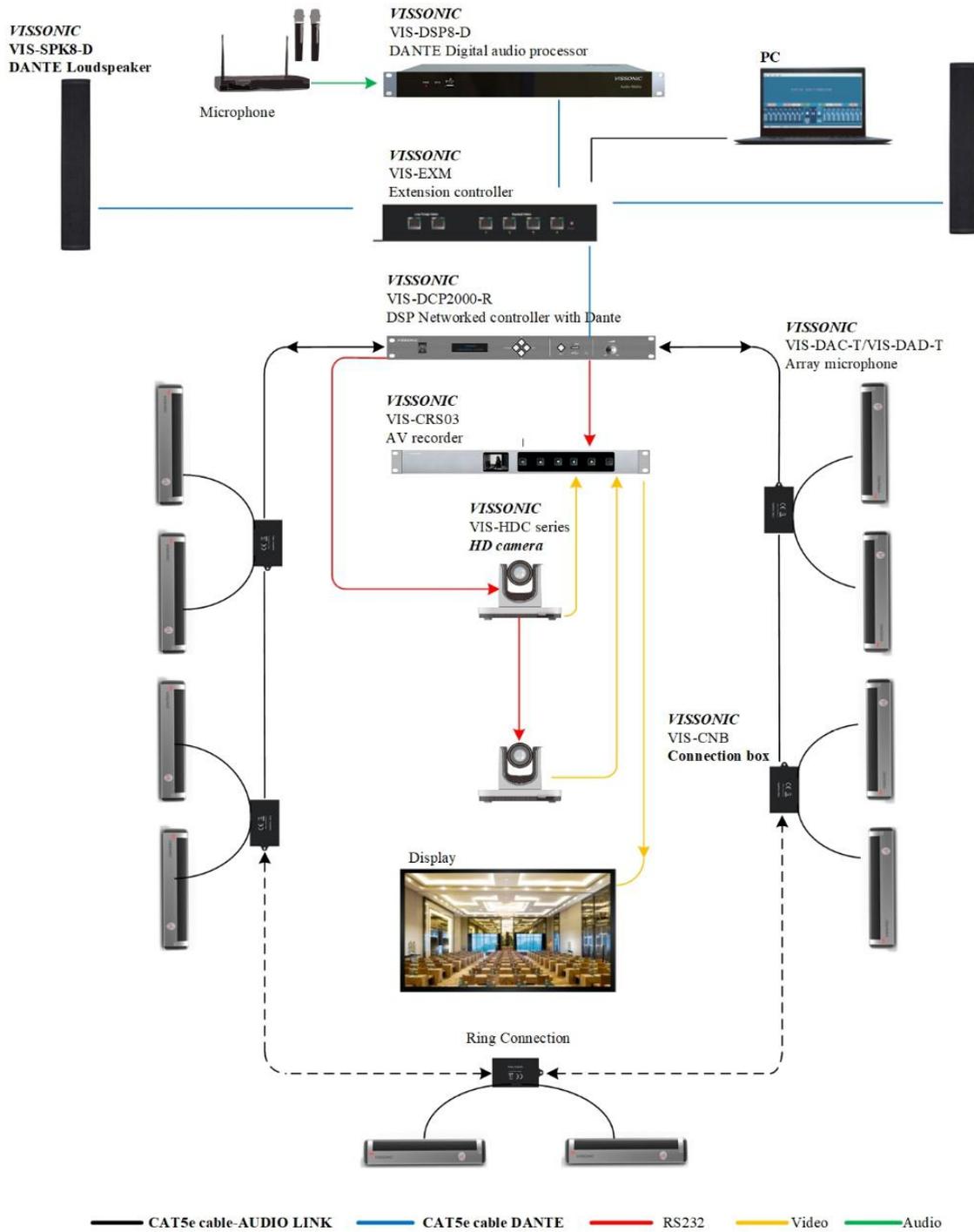
VIS-DCP2000-R

Full Digital Networked DSP Conference Processor for Array mic

Features

- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing.
- Single CAT5e cable transmits 64 channels of audio and various information.
- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role separation.
- High-fidelity sound quality, lossless audio transmission technology, 48K audio sampling frequency, 20Hz ~ 20KHz response frequency.
- 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 (including conference 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 sensitivity of the unit microphone and 8 segment equalizer EQ adjusted independently.
- The main controller comes with self-learning AFC automatic feedback algorithm, combined with array microphones, short-stem microphones to achieve ultra-long pickup distance.
- Support AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Acoustics Noise Cancellation) 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.
- Display with date, time management, and support speech time, countdown speech.
- Optional DANTE output module with other DANTE equipment used.
- Can drive 2*120W POE speaker through extension main unit, support up to 16 POE speakers.

Functions

- Compliance with IEC 60914, GBT 15381-94.
- Connect with VIS-EXM 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.
- Supports 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 approval 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/+/++
- By using RFID card to identify, can realize voting with names.

Control & Indicators

LCD display to show all the operations and results

4-Way button for menu operate

One-button press to start recording

Recording light indicator

Master volume control knob

Interfaces

Front panel USB recording port

3.5mm headphone for monitoring

1x RCA audio input

1x XLR audio input

1x RCA audio output

1x XLR audio output

6x Phoenix connector audio output

2x RJ45 digital audio connection

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

1x RJ45 for wireless AP or router

1x DP9 male port for external control

1x DP9 female port for camera

1x three-pin phoenix connector for camera control keyboard

1x RJ45 for computer connection or network switcher

1x grounding screw

1x 100 ~ 240V DC Power Interface

Technical Parameters

Power 100V / 240V AC

Static power consumption 12W

Maximum power consumption 150W

Frequency Response 20Hz ~ 20KHz

Noise ratio (S / N) >96dBA

Total harmonic distortion <0.05%

Channel Crosstalk> 85dB

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

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 ~ 45℃

Storage temperature: 20 ~ 50℃

SONICON Series VIS-DAC-T/VIS-DAD-T

Digital Array Microphone Chairman/Delegate Unit

Features

- Stylish and modern design with touchable button
- ARRA-Tech™ Microphone array technology and the voice pick-up distance up to 120CM
- Priority button and approval button for chairman unit
- Standard CAT5e and RJ45 connectors are used in microphone to provide more convenient on project and maintenance.
- One 1.5m cable out to connect the splitter box and keep the table clear
- 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 technology
- Support Hot plug and play

Functions

- Compliance with IEC 60914, GBT 15381-94
- ARRA-Tech™ Microphone array technology improve sound up to 120CM.Using the built-in AGC technology, the acoustic transmission gain is increased. Using internal microphone capsules, the conference room looks tidy and clean.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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
- 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.
- Hot plug-and-play, and auto-recovery function.
- Chairman unit has the MIC switch button, priority and approval the application for speaking.
- Headphone port is available.
- This system assigned to each unit independently ID to avoid duplicate ID conflict
- 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

- Button for MIC ON/OFF, Priority & Apply Answer button for chairman unit
- Head-set interface is available
- 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)
  - Discussion modes:

  "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

Control & Indicators

Indicator for MIC ON/OFF

Chairman unit with priority button and consent button for the delegates

Interfaces

Pluggable gooseneck microphone base

1x 3.5mm stereo Headphone jack

1x CAT5 Cable with RJ45 jack

Technical Parameters

Button: Touchable interface

Sound Pickup: up to 120CM

Maximum power consumption: 1.0W

Headphone load: 16Ω

headphone volume: 10mW

Headphone jack: 3.5mm stereo

Input impedance: 2kΩ

SNR: 70dB

Frequency response: 20 ~ 20000Hz

Connection: CAT5 / CAT6 cable + RJ45

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

Weight: 0.7kg

Dimension: 305L × 45W× 42H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Silver or Black

Item Model for Order

VIS-DAC-T.............. Digital Array Microphone Chairman Unit

VIS-DAD-T............. Digital Array Microphone Delegate Unit

VIS-CNB...................Connection Box for every two array microphones

SONICON Series VIS-DAC-F/VIS-DAD-F

Digital Array Microphone with lifting device

Simple but elegant design

The whole housing is made Aluminum alloy and supply different colors for option to meet different conference tables. The compress appearance can be putted on the table and won't occupy extra space on front of speaker.

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, Automatic Gain Control Volume(AGC) / automatic frequency control(AFC) technology help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

High tech intelligence platform

Timing function, overtime speaking reminder, network control and meeting management, conference Smart reservation, worldwide firmware real-time updates, the integration of IT technologies ensures smart conferencing platform, the CLEACON is one of them.

Features

- Stylish and modern design with touchable button, flush mount on the desk with electrical lifting.
- ARRA-Tech^{TM} Microphone array technology and the voice pick-up distance up to 120CM.
- Chairman unit has priority button and approve to speak button.
- Standard CAT5e with RJ45 connector as the connection cable, which is convenient for standardized engineering wiring installation and maintenance.

- One 1.5m cable out to connect the splitter box and keep the table clear.
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, anti the RF interference from cell phone or similar devices.
- "Hand-in-Hand-Loop-Network" connection, the system is more reliable.
- Hot plug-and-play.

Funstions

- Compliance with IEC 60914, GBT 15381-94
- ARRA-Tech^{TM} Microphone array technology improve sound pick-up distance up to 120CM.Using the built-in AGC technology, the acoustic transmission gain is increased. By hiding the mic capsule inside without gooseneck mic, the conference room looks tidy and clean. Even if the orator is moving in a larger area, the microphone can maintain a clear and stable pickup.
- The unique AUDIO-LINK digital ring network technology achieve full-digital signal transmission and processing, anti the RF interference from cell phone or similar devices.
- Single CAT5e cable transmits 64 channels of audio and various information.
- High-fidelity sound quality, lossless audio transmission 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 assigned to each unit independently ID to avoid duplicate ID conflict
- 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.
- Hot plug-and-play, and auto-recovery function.
- Chairman unit has the MIC switch button, priority and approval the application for speaking.
- Headphone port is available
- 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)
  - Discussion modes:
  "OPEN" Free for all, limited by the active units setting by controller, **"OVERRIDE"** First in First out, **"VOICE"** Can activate MIC by detecting sound without press button, **"APPLY"** To apply then to speak
  - Chairman unit has priority to close all other units or mute them temporarily
  - Chairman unit can approval the application for speaking from delegate
- Combined with camera and camera tracking controller, it has an automatic camera tracking function.

Control & Indicators

Indicator for MIC ON/OFF

Chairman unit has priority button and approve to speak button

Interfaces

1x 3.5mm stereo Headphone jack

1x CAT5 Cable with RJ45 connector

Technical Parameters

Button: Touchable

Sound Pickup: up to 120CM

Maximum power consumption: 1.0W

Headphone load: 16Ω

headphone volume: 10mW

Headphone jack: 3.5mm stereo

Input impedance: 2kΩ

SNR: 60dB

Frequency response: 100 ~ 17000Hz

Connection: CAT5 / CAT6 cable + RJ45

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

Weight: 6KG

Panel Dimension

Dimension including chassis: 415L× 60W×562H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Silver or Black

Cutting hole Dimension

120Wx 385L mm

Desk

Open hole like picture

Power

Video

Control
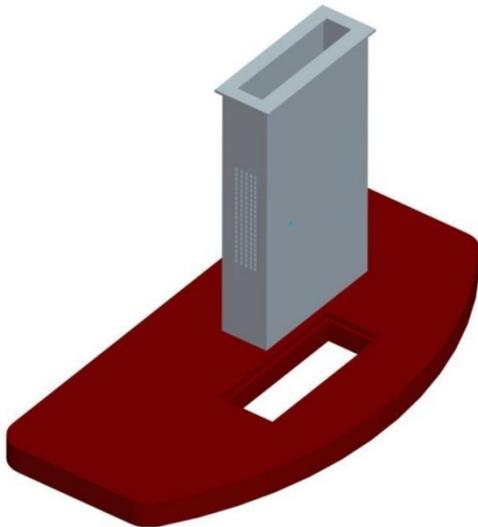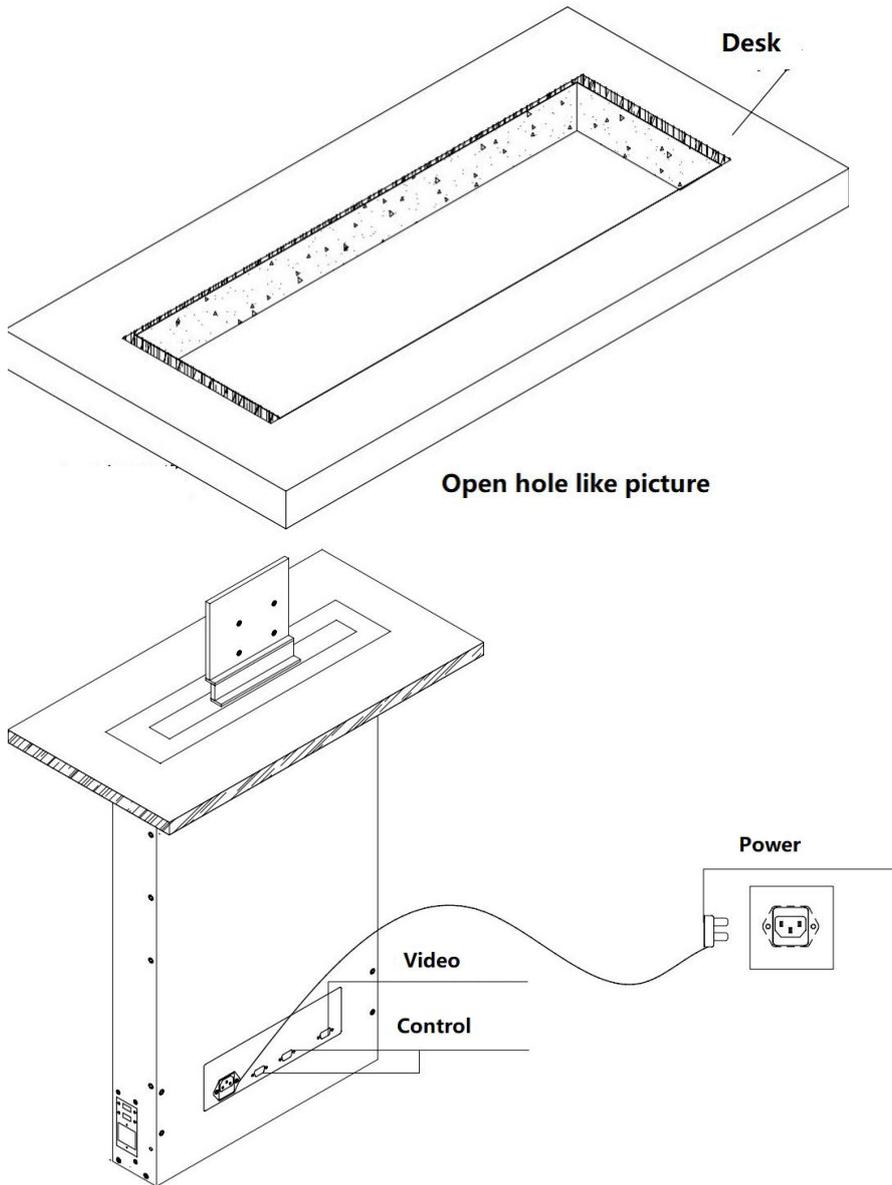
Item Model for Order

VIS-DAC-F..............Digital Array Microphone with lifting Chairman Unit

VIS-DAD-F.............. Digital Array Microphone with lifting Delegate Unit

VIS-CNB...................Connection Box for every two array microphones

SONICON series VIS-ACC-T/VIS-ACD-T

Digital Array Microphone with channels selector Chairman/Delegate Unit

Features

- Stylish and modern design with touchable button
- ARRA-Tech™ Microphone array technology and the voice pick-up distance is not less than 80CM
- Priority button and approval button for chairman unit
- Standard CAT5e and RJ45 connectors are used in microphone to provide more convenient on project and maintenance.
- OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Built-in interpretation channel selector
- Interpretation function with 64 channels selector which can display the language and channel number (Insert the earphone and the channel selector is active)
- Time and date display on the OLED screen
- One 1.5m cable out to connect the splitter box and keep the table clear
- 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 technology
- Support Hot plug and play

Functions

- Compliance with IEC 60914, GBT 15381-94
- ARRA-Tech™ Microphone array technology improve sound up to 120CM.Using the built-in AGC technology, the acoustic transmission gain is increased. By hiding the mic capsule inside without gooseneck mic, the conference room looks tidy and clean. Large operating range for the orator, maintaining a clear and stable pick-up performance.
- 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.
- Single CAT5e cable transmits 64 channels of audio and various information.
- 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 assigned to each unit independently ID to avoid duplicate ID conflict

- 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
- Button for MIC ON/OFF, Priority & Apply Answer button for chairman unit
- Head-set interface is available
- 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)
    - Discussion modes:

    "**OPEN**" Free for all, limited by the active units setting by controller, "**OVERRIDE**" First in First out, "**VOICE**" Can activate MIC by detecting sound without press button, "**APPLY**" To apply then to speak
- Work with VIS-CDC series HD camera and VIS-CATC-A switcher, it can realize camera auto tracking function

Control & Indicators

Indicator for MIC ON/OFF

Chairman unit with priority button and consent button for the delegates

128x32 OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc and other information.

Interfaces

Pluggable gooseneck microphone base

1x 3.5mm stereo Headphone jack

1x CAT5 Cable with RJ45 jack

Technical Parameters

Button: Touchable interface

Sound Pickup: up to 120CM

Maximum power consumption: 1.0W

Headphone load: 16Ω

headphone volume: 10mW

Headphone jack: 3.5mm stereo

Input impedance: 2kΩ

SNR: 70dB

Frequency response: 20 ~ 20000Hz

Connection: CAT5 / CAT6 cable + RJ45

Equivalent noise: 20dBA (SPL)

Main material: Aluminum

Weight: 0.7kg

Dimension: 305L × 45W× 42H mm

Operating temperature: 0 ℃ to + 55 ℃

Color: Silver or Black

Item Model for Order

VIS-ACC-T..............Digital Array Microphone with channels selector Chairman Unit

VIS-ACD-T............. Digital Array Microphone with channels selector Delegate Unit

VIS-CNB...................Connection Box for every two array microphones

New Generation Digital Infrared Language Distribution System

Digital infrared language distribution system, also known as infrared simultaneous interpretation system, is a system used in multilingual meetings. In order to help participants understand the contents of the meeting, the system transmits the voice of the mother tongue to the receivers and earphones in the hands of the participants. As infrared is used as the transmission medium, the principle of direct and diffuse reflection of light is used to realize signal coverage of the venue, and the participants can move freely without affecting listening, it is widely used in large, medium and small press conference halls, academic report halls, school halls, various international conference site etc.

As infrared ray is a kind of light, it has no penetration and has a high degree of security. It is also used in format desktop meetings that have security and require translation of language.

VISSONIC VLI series new generation digital infrared language distribution system has fully utilized our years of research and development experience and combined with the latest networking requirements to develop VLI series products with the following Features:

- Comply with international IEC61603-IEC60914 standards

- Compatible with other infrared simultaneous transmission systems conforming to IEC61603-7

- Standard and can used in cross-use

- Full-digital DQPSK digital modulation/demodulation technology ensures sound quality and gives excellent hearing experience

- Transmission of audio data in 2-8MHZ band eliminates interference from high-frequency lighting system

- Provide up to 32 voice channel options

- Beautiful ergonomic receiver design

- The friendly LCD interface displays the current language name, current channel, signal strength, battery power and other information

- The industry's original art-sharped large-angle and ultra-long distance radiation panel, covering a distance of 76 meters, is a sharp weapon for signal coverage of thousands of square meters of large venues

- Seamless integration between AUDIO-LINK network interface and VISSONIC conference system

- Open DANTE network interface to connect DANTE audio network

VIS-VLI700A-4/-8/16/-32

Digital Infrared Transmitter

The transmitter is the central device in the language distribution system. It accepts analogue or digital input, modulates these signals onto carrier waves and transmits these carrier waves to radiators located in the room.

Features

- Compliant to IEC 61603-7 and IEC 60914 and the latest national standard GB 50524-2010
- Compatible with any other IR simultaneous interpretation system compliant to IEC 61603-7
- DQPSK digital modulation/demodulation technology
- Transmitting in 2~8 MHz frequency band eliminates disturbance from high frequency lighting systems
- Capable of distributing of 4,8 or 16 audio channels
- Auxiliary mode for distribution of music to all channels during a break
- Slave mode for distribution of signals from another transmitter allows multiple rooms to be used
- Radiator and system status indication via display and indicators
- Each transmitter can be assigned a unique name by the installer for easy identification in a multi-transmitter system
- Automatic distribution of emergency messages to all channels
- Automatic synchronization to the number of channels in use by the CLEACON system
- Each audio channel can be assigned a language name for easy identification
- The sensitivity of each input is adjustable, the audio level can be fine-tuned, and the audio input level indication is supported
- Flexible configuration of channels and channel quality modes: Mono, standard quality, maximum 16 channels Mono, perfect quality, maximum 8 channels Stereo, standard quality, maximum 8 channels Stereo, perfect quality, maximum 4 channel
- With 16 interpretation output channels for recording

- Universal power facility allows worldwide use

- Conference hall privacy; the congress venue itself acts as a barrier to infrared signals escaping and being overheard, as infrared is unable to pass through opaque objects such as walls

- Suitable for various kinds (small/medium/large international) of conference halls and outdoor venues

- Can directly connect with interpreter desk VIS-INT64

- With 16 channel analogue audio input and 16 channels analogue audio output.

- 2 transmitters can work as master and slaver mode for 32 channel language distribution

- Connecting to Dante network by optional Dante port

Control and Indicators

- Graphic LCD with back-lighting displays status and menu of the system configuration, supporting multi language menu

- Four buttons for configuration

- Channel active indicators

Interconnections

- 2 female XLR connectors for external audio inputs to connect auxiliary balanced audio signals such as music, floor language or emergency audio signal

- 16 audio signal output connectors (phoenix sockets) for output multi-channel audio

- 16 audio signal input connectors (phoenix sockets) to connect external unbalanced audio input signals

- 6 BNC connectors for output HF signal to radiator. To each connector, up to 30 radiators can be connected

- 1 BNC connector for receiving HF signal from another transmitter

- Audio-Link Port for connecting to Interpreter Unit or VIS-DCP2000 or VIS-DCP1000 conference controller

- DANTE port for connecting to Dante network for the digital audio(Optional VIS-DANTE module)

- Ethernet and RS232 ports for connection to computer

- Emergency signal interface: when the public emergency system is active, alarm signal can be fed to all channels automatically

- Power supply socket

Technical Specifications

System Specifications

Modulation…………………………DQPSK, according to IEC 61603-7

Modulation frequency…………………………**2 to 8** MHz Carriers 0 to 5:2 to 6 MHz, according to IEC 61603-7

Frequency response…………………………20 Hz to 10 kHz (-3dB) at standard quality;

20 Hz to 20 kHz (-3dB) at perfect quality

THD at 1 kHz…………………………<0.05%

Isolation…………………………>80 dB

Dynamic range…………………………>90 dB

Weighted SNR…………………………>85 dBA

Electrical

Unbalanced audio inputs…………………………-12 dBV to +12 dBV nominal

Balanced audio inputs…………………………-6 dBV to +18 dBV nominal

Emergency switch connector ………………………… 2-PIN 3.81 mm

Phoenix connector, alarm signal control input

Headphone output…………………………32 Ohm to 2 kOhm

HF input/output…………………………75 Ohm

Power supply…………………………AC 100 V - 240 V, 50 Hz / 60 Hz

Power consumption…………………………Maximum 25 W

Mechanical

Mounting………………………… Brackets for 19" rack mounting or fixing to a table top; detachable feet for free-standing use on a table top

Dimensions (mm) …………………………88H × 483L × 266W

Weight…………………………7.5 kg

Color…………………………Black

VIS-VLI703A

Digital Infrared Receivers 4/8/16/32 channels

These ergonomically designed pocket receivers incorporate the latest electronics technology. VIS-VLI703A series of IR receivers, which can receive up to 32 language channels and is equipped with channel selector, volume control, power switch, Ø 3.5 mm stereo earphone jack. A LCD displays channel number with language name, received signal intensity, battery capacity and volume. The pocket receivers can be used for both language and music distribution.

Features

- Compliant to IEC 61603-7 and IEC 60914
- Compatible with any other IR simultaneous interpretation system compliant to IEC 61603-7
- Digital infrared processor with DQPSK digital modulation/demodulation technology
- Transmitting in 2~8 MHz frequency band eliminates disturbance from high frequency lighting systems
- Channel selection via up/down button, at most 4,8,16 or 32 channels available
- LCD display with channel number, language name, battery and signal status indication
- Number of available channels is always the same as the number of channels in use by the system, eliminating the need to scroll through unused channels
- Adjustable volume
- Unique 270º super wide reception angle, ensuring perfect sound quality even when casually placed
- Audio signal automatically muted when signal is too low, ensuring that the user receives only high quality audio.
- Ergonomically compact and elegant design
- Lightweight and handy receiver in conjunction with single earphone or headphone for easy and comfortable use
- Can be hung over the neck via a nice strap or fit into pocket
- Free movement within the range of IR power radiator
- No limit to the receiver number within the IR power radiation range

- Works without errors, even in bright sunlight
- Built-in high precision rechargeable circuitry to prolong battery life
- Environmentally-friendly lithium rechargeable battery pack
- No power consumption and auto-off when headphone is disconnected after 5 minutes

Controls and Indicators

- LCD displays channel number, language name, battery capacity, signal intensity and volume Power switch
- Channel selector buttons
- Volume control buttons

Interconnections

- Ø 3.5 mm stereo earphone jack
- Charging contacts

Technical Specifications

Modulation…………………………DQPSK, according to IEC 61603-7 Modulation frequency

Carriers 0 to 5…………………………2 to 6 MHz, according to IEC 61603-7

Frequency response…………………………20 Hz to 10 kHz (-3dB) at standard quality;

20 Hz to 20 kHz (-3dB) at perfect quality

THD at 1 kHz …………………………<0.05%

Isolation…………………………>80 dB

Dynamic range…………………………>80 dB

Weighted SNR…………………………>80 dBA

Input range…………………………-12 dBV ~ +12 dBV (adjustable)

Electrical

IR irradiance level…………………………4 mW/m2 per carrier

Angle of sensitivity…………………………270º

Headphone output level at 2.4 V 450 mVrms (speech at maximum volume, 32 Ohm headphone)

Headphone output freq. range…………………………20 Hz to 20 kHz

Headphone output impedance…………………………32 Ohm to 2 kOhm

Max. SNR…………………………>80 dBA

Supply voltage…………………………3V to 4.2V, nominal 3.7 V

Headphone jack unplugged after 5 minutes…………………………0 mA Battery life

Rechargeable battery pack …………………………24 hours

Mechanical

Dimensions (H x W x D) …………………………159 x 49 x 23 mm

Weight………………………… excluding battery 85 g, including battery 128g (0.27 lb)

Color…………………………black with silver

VIS-INT64

64 Channels Interpreter Desk

VIS-INT64 is 64 channels interpreter desk that enables direct and relay interpretation available in 63+1 languages to provide an easy and relax time during interpretation work.

Features

- Accommodates up to 64 interpretation channels (incl. floor channel)

- Digital audio technology, built-in high-speed DSP processing.

- Supporting 48 kHz audio sampling rate, 30 Hz to 20 kHz frequency response on all 64 channels

- Anti-interference by any RF signal with metal housing design.

- Hot plug and play, Removable microphone design

- The volume of Loudspeaker and earphone jack support separated adjustment.

- Direct and relay interpretation available

- Hearing protection direct and relay interpretation available

- Interpreter unit can be set as operation unit and all interpreter units support Internal communication with operator unit

- Language and system configuration from the interpreter desk's configuration menu

- Short message and tea service function

- COUGH key to mute the MIC to avoid the unnecessary sound to the output

- Two Interpreter dual user

- The speaker and the headset's volume should be regulated alone. If all microphones in the same booth are off, the loudspeaker will play floor language or interpretation channel

- Support the headset microphone and Pluggable gooseneck microphone.

- Channel interlock function permits only one microphone on a channel to be activated at any time, ensuring the uniqueness of language channels

- Two necessary modes within one interpreter booth: Interlock and Override

- A-B pre-select input key to quickly select Input channel

- The timing function for indicating the interpretation time.

Controls and Indicators

- Microphone mounted on a flexible stem, complete with a light ring
- Headphone volume controls knob
- Speaker volume controls knob
- A-B channel selector key for the quickly select the Input (interpreter hearing) language
- IN Select Knob with LCD indicating channel for fast switching between the original floor language and the channel set on the channel selector
- OUT Select Knob with LCD indicating channel for fast switching between the output channels
- Microphone activating key with LED status indicator
- Microphone 'COUGH' key to mute the MIC while pressing
- FLOOR-RELAY key to fast switch between floor language and relay language
- Call key (voice) to provide two-way communication between interpreter and operator

Interconnection

- 2 x Ø 3.5 mm earphone jack, 2 x Ø 3.5 mm Microphone jack
- 2xRJ45 port
- 1x2.5mm adapter port
- Connector for Pluggable gooseneck microphone

Technical Specifications

Electrical

Power………………………   DC48V from main unit or adaptor

Power consumption…………………………3W

Microphone

Transducer …………………………Electret-condenser

Polar pattern…………………………Uni-directional

Sensitivity…………………………-46dBV/pa

Frequency response…………………………20Hz~20KHz

Input impedance…………………………2.2kOhm

Earphone

Frequency Response…………………………30~20KHZ

Earphone load…………………………>8ohm

Earphone volume…………………………10mW

Directivity 0°/180° …………………………> 20 dB (1 kHz)

Equivalent noise …………………………20 dBA (SPL)

Maximum sound pressure level…………………………125 dB (THD<3%)

Interface

Display…………………………320x64 dot (blue white)

Connector…………………………2 x Ø 3.5 mm earphone jack, 2 x Ø 3.5 mm Microphone jack,2xRJ45 port,1x2.5mm adapter port

Mechanical

Dimension h x w x d (mm)…………………………280x128x55
Weight…………………………1.5kg

VIS-VLI701A

Digital Infrared Radiator

These radiators are used to distribute infrared signals throughout the conference space, enabling delegates to listen to the proceedings by means of personal pocket receivers.

Features

- Compliant to IEC 61603-7 and IEC 60914
- Compatible with any other IR system compliant to IEC 61603-7
- Maximum radiation range up to 76 meters.
- Cable delay compensation for differences in cable lengths between transmitter and radiators
- Half-power / full-power the operating mode can be selected with a switch
- Synchronization on/off with transmitter
- Connect further radiators in a daisy chain
- Radiation angle ± 25°
- When the temperature of the radiator is too high, the system will automatically switch from full power to half power.
- For the use in conference rooms, even in daylight

Controls and Indicators

- Input signal indicated with the radiation LED
- Output power switch
- Delay compensation LCD
- Delay compensation buttons (-/+)

Interconnections

HF input and output connectors (2 x BNC) for connection to transmitter and loop-through to other radiators

Technical Specifications

Electrical and optical

Modulation…………………………DQPSK, according to IEC61603-7

Modulation frequency

Carriers 0 to 5…………………2 to 6 MHz, according to IEC 61603-7

Carriers 6 to 7…………………Up to 8 MHz

Angle of half intensity…………………± 25°

HF input…………………Nominal 1 Vpp,75 Ohm

HF output…………………1 Vpp,6V DC,75Ohm

Power Supply…………………………100V-240V AC 50/60Hz

Max. Power…………………………36W

Static Power…………………………3W

Automatic switching-on voltage level   …………………………100mV Radiating signal

Radiation distance…………………………76m

Mechanical

Mounting…………………Wall mounting bracket VIS-RAM1, ceiling mounting, mounting plates for floor stands.

Dimension (mm)………………………… 208Hx453Lx230W

Weight…………………………7KG

Color………………………… Deep Grey

VIS-VLI701B

High Power Digital Infrared Radiator

These radiators are used to distribute infrared signals throughout the conference space, enabling delegates to listen to the proceedings by means of personal pocket receivers.

Features

- Compliant to IEC 61603-7 and IEC 60914

- High power to achieve further coverage of signal

- Compatible with any other IR system compliant to IEC 61603-7

- Maximum radiation range up to 76 meters.

- Cable delay compensation for differences in cable lengths between transmitter and radiators

- Half-power / full-power the operating mode can be selected with a switch

- Synchronization on/off with transmitter

- Standby, working, failure status can monitor by inside lights condition

- Connect further radiators in a daisy chain

- Radiation angle $\pm 25°$

- When the temperature of the radiator is too high, the system will automatically switch from full power to half power.

- For the use in conference rooms, even in daylight

Controls and Indicators

- Input signal indicated with the radiation LED

- Output power switch

- Delay compensation LCD

- Delay compensation buttons (-/+)

Interconnections

HF input and output connectors (2 x BNC) for connection to transmitter and loop-through to other radiators

Technical Specifications

Electrical and optical

Modulation…………………………DQPSK, according to IEC61603-7

Modulation frequency

Carriers 0 to 5…………………2 to 6 MHz, according to IEC 61603-7

Carriers 6 to 7…………………Up to 8 MHz

Angle of half intensity…………………± 25°

HF input…………………Nominal 1 Vpp,75 Ohm

HF output…………………1 Vpp,6V DC,75Ohm

Power Supply…………………………100V-240V AC 50/60Hz

Max. Power…………………………70W

Static Power…………………………3W

Automatic switching-on voltage level   …………………………100mV Radiating signal

Radiation distance…………………………76m

Mechanical

Mounting…………………Wall mounting bracket VIS-RAM1, ceiling mounting, mounting plates for floor stands.

Dimension (mm)………………………… 208Hx453Lx230W

Weight…………………………7KG

Color………………………… Deep Grey

VIS-TC50A

Charger and Storage box for Infrared Receiver

Features

- Can accommodate VIS-VLI703A series receivers
- Universal mains power facility allows use worldwide
- Rapid recharging: within 2 hours
- Capable of charging 50 receivers.
- The charging box also has the function of storing receiver

Controls and Indicators

Charging status indicators for every receiver

Interconnection

- Main input with loop-through facility;
- male and female socket
- 50 charging slots and compatible with VIS-VLI703A series pocket receivers

Technical Specifications

Electrical

Power…………………………   100V-240V AC

Max. Power…………………………150W

Static Power…………………………17W（no charging）

Mechanical

Dimension (mm)…………………………600Lx380Wx230H

Weight………………………5kg

Color…………………………Black

VIS-HPD

Head phone for delegates

Overview

The VIS-HPD is high quality headset for chairman/delegate to listen the sound from unit directly.

Features

- To monitor conference units.
- To free from influence in conference system.
- With1.5m cable.
- Hi-fi quality.

Technical parameters

Unit Interface Dual Channel Plug

Frequency Response 80Hz – 2KHz

Sensitivity 90dB

Signal to noise ratio > 80dB

Distortion < 0.1dB

Impedance 32 Ω

Dynamic range > 85 dB

Output power 100mW

VIS-HPI

Head phone for interpreter

Overview

The VIS-HPI is high quality headset for interpreter to translate, there is MIC input.

Features

- The shape is agile and fine, make the user feeling more comfortable.
- Listen and speak in the conference.
- Avoid being interfered in conference.
- 40mm advanced speaker.
- Build-in 2.2meter cable.
- Hi-fi audio quality.
- 32 Ω, 3.5mm monophonic plug.

Technical Parameters

Unit Interface Dual Channel Plug
Frequency Response 80Hz – 2KHz
Sensitivity 90dB
Signal to noise ratio > 80dB
Distortion < 0.1dB
Impedance 32 Ω
Dynamic range > 85 dB
Output power 100mW

VIS-LD10/ LD20/ LD30/ LD50/ LD100

RG59 Coaxial Cable

Features

- 75 Ohm for translation system radiator
- RoHS and CE
- ISO 9001:2000
- Coaxial cable RG59

Construction

Conductor	Solid Copper	0.81mm
Dielectric	Physical Foam Polyethylene	3.66mm
Shield	Bonded Aluminum Foil +Aluminum Braid	Nom.4.10
Jacket	PVC or Polyethylene	6.10mm

Technical Parameters

Impedance: 75 +/- 2ohms

Capacitance: 52 pF/m.max

Maximum voltage: 5000 Volts

Velocity of propagation: 85%

Operating Frequency: 1 GHz

Screening effectiveness: ≥ 40 dB (up to 1 GHz)

Insulation resistance: ≥1*10^8 MΩm

Max. operating voltage: ≤3.0 kVrms (at sea level)

Item Model for Order

VIS-LD10.................. 10 meter, RG59 cable for connecting radiators, BNC connector

VIS-LD20.................. 20 meter, RG59 cable for connecting radiators, BNC connector

VIS-LD30.................. 30 meter, RG59 cable for connecting radiators, BNC connector

VIS-LD50.................. 50 meter, RG59 cable for connecting radiators, BNC connector

VIS-LD100................100 meter, RG59 cable for connecting radiators, BNC connector

AUDIO LINK Products

VIS-AIB

Microphone interface box
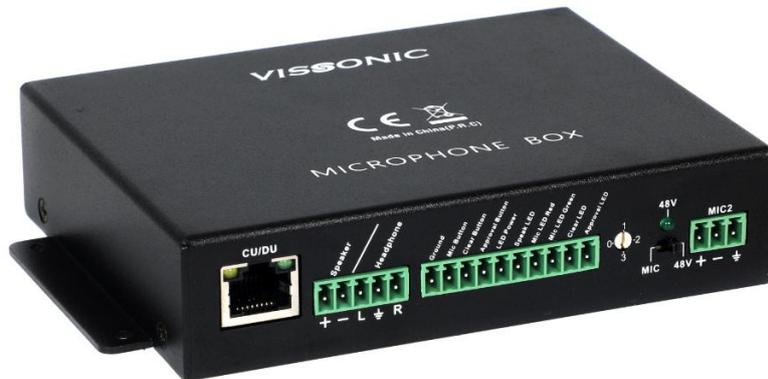
The VIS-AIB microphone interface box is designed to support VISSONIC conference microphone remotely installed under the table or armrest solution. With the phoenix connectors on both sides of the box, it can connect Dynamic mic/Boundary Condenser mic input, buttons and speakers on plate to control the conference unit etc. By the RJ45 port it can easily connect into existing VISSONIC conference microphone family to integrated into one part seamlessly.

It's an ideal solution for customized operation plate on the table and hide the main part of microphone, or any analog microphone like wired handheld type into the same system.

Features

- Compact metal cover design to mount under table or armrest of chair.
- VIS-AIB Microphone interface box is suitable for customized installation solutions. It allows to add a variety of functions to meet meeting needs. In addition, two separate audio inputs are provided, each with or without phantom power microphone, such as capacitor type or dynamic type.
- It also provides microphone switch button, priority button, approval button and corresponding LED light Phoenix interface, which is used to customize embedded button panel for gooseneck microphone.
- Adjustable sensitivity, compatible with different inputs
- RJ45 port to connect into VISSONIC networked system seamlessly
- It provides two phoenix stereo jacks for connecting to headphones, and two speaker outputs for connecting to speaker panels (VIS-SPK-F) or custom speakers.

Technical specs

Voltage supply 48V DC
Static power consumption 1W
Frequency Response 20Hz ~ 20KHz

Noise ratio (S / N)> 80dB

Total harmonic distortion <0.05%

Channel Crosstalk> 80dB

Dimensions (mm) 120L x 100W x30H with two ears for screw fix

Color: Black

Weight: 0.5KG

Wiring Connections
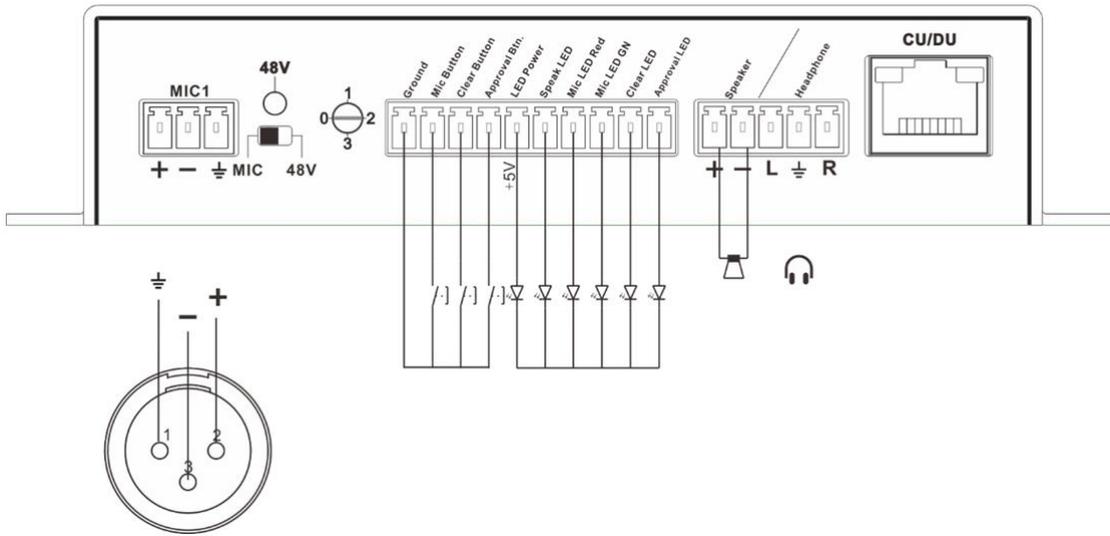
Connectors
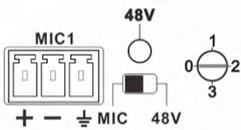
2xRJ45 port

2xBoundary condenser mic phoenix connector

2xSwitch for MIC/48V option

2xGain adjust knob
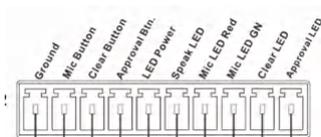
2x Group phoenix connectors including:

Ground

Mic button for microphone ON/OFF

Clear button for chairman priority operation

Approval Button for chairman priority operation

LED Power: +5 V, max. 40 mA

Speak LED indicate the gooseneck light color

Mic LED red indicate the microphone is ON of the conference unit

Mic LED green indicate the microphone is in request-to-speak mode of the conference unit

Clear LED shows the chairman is in priory mode to mute or close the delegate

Approval LED shows the chairman operating approval to speak
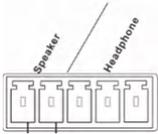
2x 5 pin phoenix connector for speaker and headphone

Headphone Output independence: 16 Ω

Speaker output independence: 8Ω

Frequency response: 20~15000hz

VIS-PTA-T

Analog Array Microphone Unit

The SONICON series array microphones designed by VISSONIC adopt the ARRA-TechTM array microphone technology independently developed. The sound pickup distance is not less than 80CM. The corridor-type directional characteristics increase the acoustic transmission gain. The use of hidden microphones makes the conference room cleaner. The array microphone maintains a clear and stable pickup function, increasing the speaker's range of activity.

Features

- Unique modern design with touch button.
- Using the self-developed ARRA-TechTM array microphone technology,
- The pickup distance is 60-80CM. The establishment of a personal pick-up sound area, whether the speaker is standing, backward or sideways, provide freely speaking experience.
- With no goose neck design, speakers and attendees can communicate without blocking the view.
- The hidden adjustable gain knob can quickly set up the whole system according to the field sound amplification conditions.
- 2m audio cable with XLR male connector for extending to the VISSONIC dB-NET series DSP audio matrix or any mixer system.

Technical Specification

Microphone ………………………… Microphone Array

Polar pattern ……………………… Corridor

Control …………………………Touch button for on/off

Frequency response …………………………30 - 18,000 Hz

Optimal distance of the speaker …………………………60 - 80 cm

Open circuit voltage at 1 kHz …………………………approx. 200 mV/Pa

Output level with selector …………………………0dB,-5dB,-10dB or -20dB

Nominal impedance ………………………… 200 Ω

Load impedance ………………………… > 1 kΩ

S/N ratio rel. to 1 Pa …………………………60 dB

T.H.D ………………………… < 0.1%

Voltage supply ………………………… Phantom powering 48 V ±4 V to 6.8 kΩ

supply impedance 24 V ±4 V to 1.2 kΩ supply impedance

Power consumption …………………………11 mA*

Connection ………………………… 3 pins XLR

Item Model for Order

VIS-PTA-T.............. Array Microphone with XLR connector

VIS-FS100-A.............. 5 channel automatic feedback suppressor with Audiolink port

VIS-DSP8/12/16...................DSP audio processor

CLEACON VIS-BDY-F

Flush mount boundary Microphone

VIS-BDY-F is a built-in microphone that makes the microphone hide on the desktop when not in use. This is achieved by simply pressing down on the top of the microphone until it locks. Then press the microphone again, and the microphone will rise back to its original position. This microphone can be used in the CLEACON Full-digital network conference system through the VIS-AIB analog connection box, or it can be used in the analog system, such as VIS-FS100-A automatic feedback suppressor, mixer, audio processor, etc.

Features

- Low profile on any desktop or surface
- The microphone is equipped with a reed switch, which is designed to switch at the beginning and end of each session when the microphone is no longer used. When the microphone is in the up position, the switch contact is closed (ON), and when it is retracted, the switch will be OFF.
- Capacitive touch button can be optionally installed to easily set the microphone off or on for sound pickup.
- Cardioid pattern.
- Built-in microphone preamp power supply module, no need to use external power supply module
- The sturdy all-metal structure design provides two layers of steel mesh cover protection
- The microphone works from DC 11V to 52V phantom power.
- Output with 3-pin XLR or 3.5 Phoenix connector
- Built-in ring-shaped LED status indicator
- Built-in RF filter
- Equipped with shock-proof isolators to reduce vibration noise on the installation surface

Specification

Mic capsule .... electrostatic capacitive type
Directivity Pattern .... Cardioid
Frequency response .... 40-19,000 Hz

Turn-on sensitivity ....   -40 dB (10 mV) at 1V at 1 Pa

Impedance ....   200 ohm

High maximum .... SPL 142 dB SPL, 1 kHz at 3% T.H.D.

Dynamic range ....   (typical) 113 dB, 1 kHz at highest sound pressure level

S / N....... 65 dB, 1 kHz at 1 Pa

Phantom power .... DC 11-52V, power consumption 5.7 mA typical

Switch Touch control .... On / Mute

Weight .... 65 g

Overall .... length 84.8 mm, diameter 38.0 mm, maximum width 48.0 mm

Output terminal ....   Built-in 3-pin XLR

Standard configuration .... 1 pair of shock-proof isolator

Item Model for Order

VIS-BDY-F ...Flush mount boundary Microphone

VIS-AIB .... Analog microphone connection box

VIS-DCP2000-D .... Full Digital Network DSP Conference System Controller

VIS-FS100-A .... Fully automatic feedback suppressor
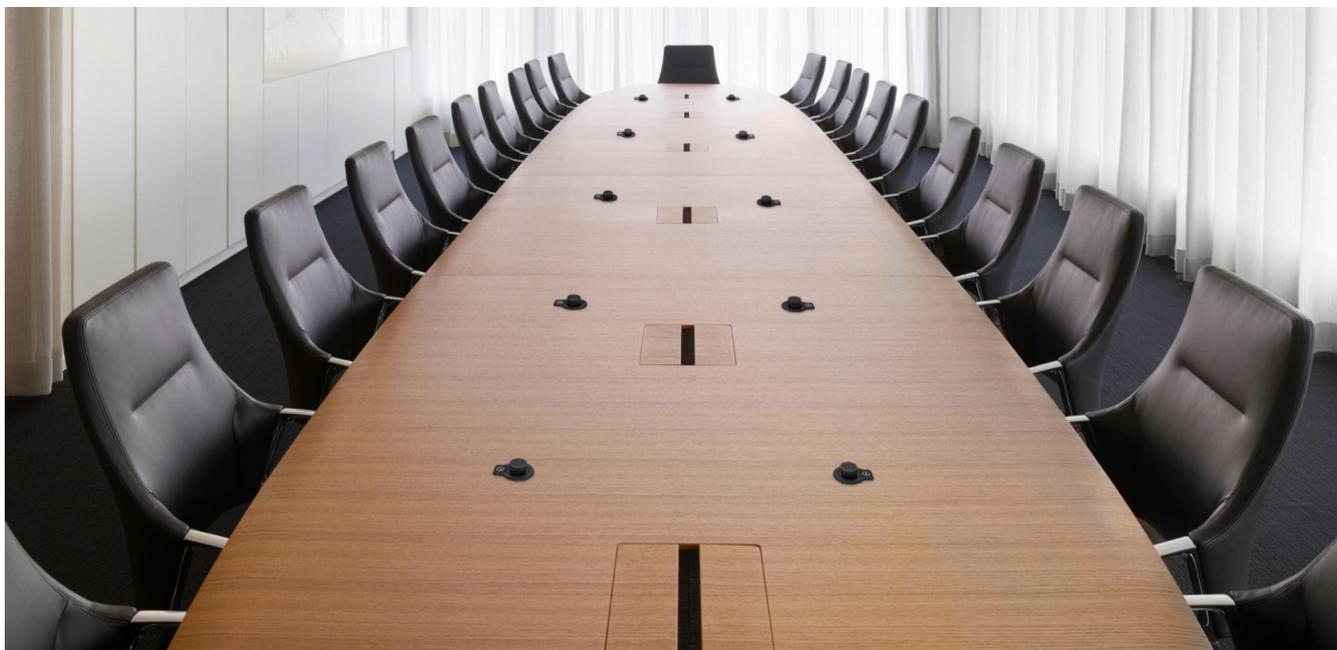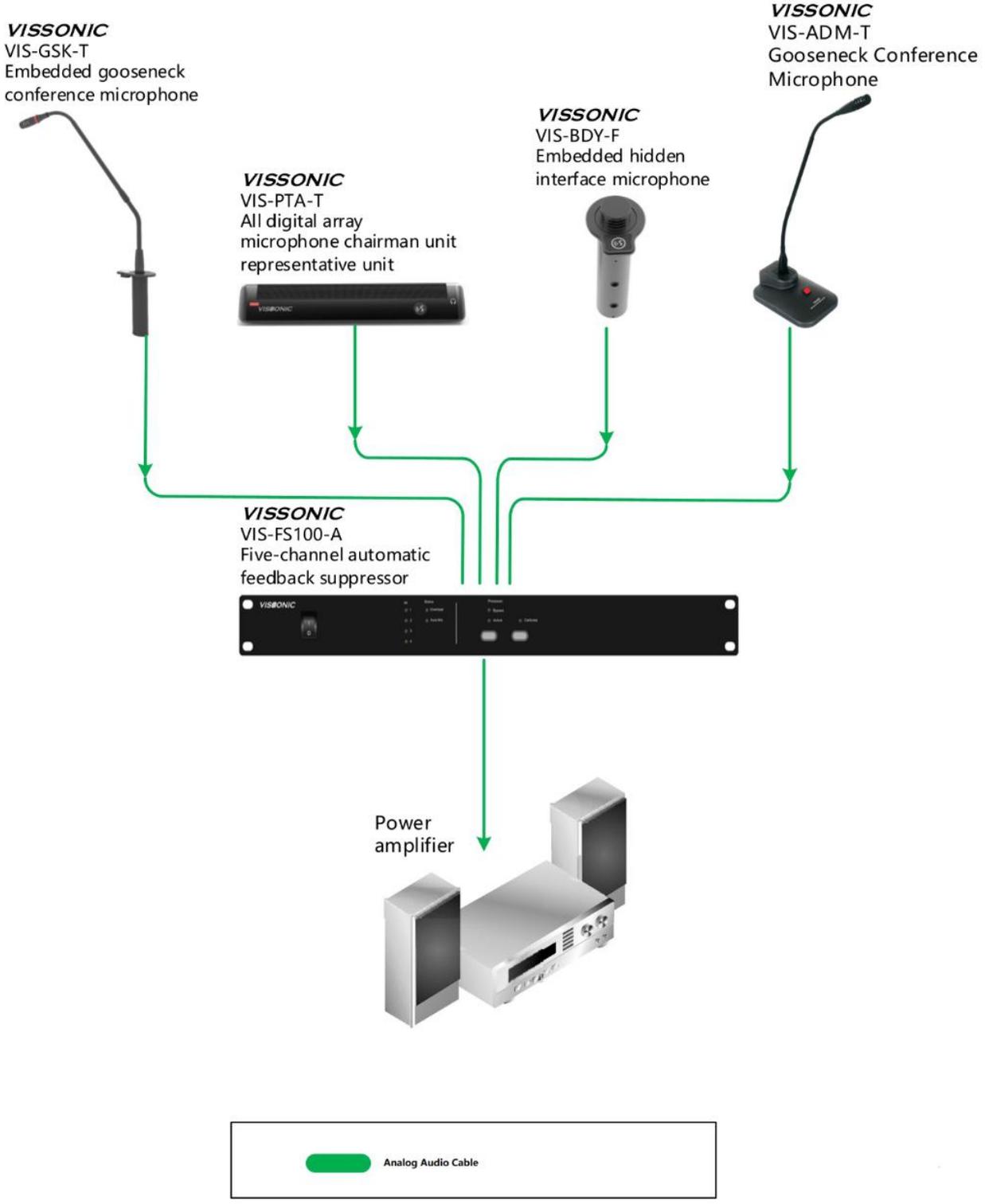
VIS-GSK-F

Flush Mount Microphone Base

VIS-GSK-F is a flush mount gooseneck microphone base that can be connected to all range of VISSONIC M series microphones, the microphone can be removed from the base when it's not in use. The overall base is small and exquisite, with a touch button to switch the microphone on and off. It can be connected to the VIS-AIB analog microphone connection box and used in the CLEACON conference system, or it can connect to an analog system, such as the VIS-FS100-A automatic feedback suppressor, mixer, audio processor etc.

Features

- Built-in microphone socket, suitable for VIS-M series 6-pin gooseneck microphone
- It is used for inconspicuous installation on the desktop with compact design.
- Capacitive touch switch button can be optionally installed to easily set the microphone off or on for sound pickup. The built-in switch can be used for control from remote equipment.
- Touch button comes with LED status light, operates with phantom power, provides white / red two colors
- Operation with 24-48V phantom power
- Output with 3-pin XLR or 3.5 Phoenix connector
- After inserting the microphone in place, the microphone comes with fasten lock, and the microphone can only be removed after unlock it
- Built-in RF filter
- Equipped with rubber isolators to reduce vibration noise on the installation surface

Specification

Output impedance: 360 Ω

control
High level when in down position: (DC + 5V);
Low level when in up position: (DC 0V)

LED indicator
High electric level DC + 5V): red /
Low electric level (DC 0V): white

Phantom power

DC: 24-48V,

Power Consumption: 4 mA typical

Switch

Touch control

Weight: 65 g

Dimensions: length 128.2 mm, maximum width 55.3 mm

Accessories

One set of metal fixing ring for standard installation, one pair of shockproof isolators

Item Model for Order

VIS-GSK-F .... Flush mount Gooseneck Microphone Base

VIS-MDA .... Rectangular metal microphone

VIS-M220 .... 220mm microphone (black) with anti-wind foam cover

VIS-M330 .... 330mm microphone (black) with anti-wind foam cover

VIS-M410 .... 410mm microphone (black) with anti-wind foam cover

VIS-M485 .... 485mm microphone (black) with anti-wind foam cover

VIS-M600 .... 600mm microphone (black) with anti-wind foam cover

VIS-AIB .... Analog microphone connection box

VIS-DCP2000-D ....All Digital Network DSP Conference System controller

VIS-FS100-A .... Fully automatic feedback suppressor

Features

- The full-digital interface box is a conference product specially designed to meet the special needs of the conference. The exterior is mini and lightweight, and the all-metal thin shell design can cope with any environment and can be easily installed under the table and table. Indirect seams or armrests can be connected to the VISSONIC hand microphone for conference environments without a conference table. Or when there is a need to customize a dedicated conference panel or a panel with special features, VIS-CIB can meet the diverse needs of customers.

- Built-in DSP digital sound processor,48kHz High-quality sound sampling frequency for AGC function of the picked-up audio for devices such as gooseneck microphones on connected panels or handheld microphones. At the same time, it also has ANC function to filter out the noisy background audio in the conference space. Through the AFC function, the feedback problem can be processed effectively and quickly, avoiding the whistling of the microphone and affecting the quality of the conference. And can transmit high-definition lossless digital audio through digital audio processing technology

- All-in-one interface box with chairman and delegate switching function, only need to connect with the conference controller, and quickly and easily switch the device function settings directly from the controller menu, without using the computer, through the web program or It is a software setting.

- Ability to use the Cat5e cable with all VIS-DCP2000 full-digital conference controller and conference device are connected to each other and support hot-swap function. Users can join or remove the conference device at any time during the conference according to the needs of the conference, and will not affect any microphone in the conference

- With digital ID configuration function, users can customize the representative ID address of the conference device before the conference by extending the external customized panel according to the needs of the conference, which can be used for sound group distribution and external output, or the conference microphone is used for the automatic tracking of the speaker image.

- When using an extended external custom panel, the VIS-CIB provides the following features:
  - ➢ The plug-in gooseneck microphone dual-color display function can display the speech or wait for the speech status.
  - ➢ For the panel of the chairman function: Provide the chairman function switch to turn off the delegate

function.

➢ When it is a panel of the function: Provide speaking switch.

➢ Provides speaker output function, which can be used to selectively set the conference system loudspeakers on the panel.

➢ Supports the speaking timing function, which automatically turns off the microphone when the speaking time is cut off.

➢ The conference microphone function can be activated by voice control through the voice of the speaker.

Specification:

Maximum power consumption.....................................2.0W

Frequency response.............................20~20kHz

Total Harmonic Distortion (THD).........................<0.1%

Dynamic range..................................>94dB

Signal to noise ratio (S/N) ....>96dB

Rated microphone input..................>70dB SPL

Maximum microphone input..................>100dB SPL

Speaker rated output......... >70dB SPL at 0.5m

Sensitivity..............................-46 dBV/Pa

Connect:

RJ-45 female seat....................................2

D-Sub 15 Pin..............................1

Color: Black

Weight......................................300g

size (mm)............100L x 60W x 24 H

CLEACON VIS-HM100

Handheld Microphone

The VIS-HM100 is a handheld conference microphone for the CLEACON system. The microphone is designed for the CLEACON series of conference units VIS-CIB. Applications for this microphone include a pressroom where the speaker needs to stand up, an auditorium, etc., or where the microphone must be hidden when not in use. The microphone features a low-noise condenser core design for clear speech and reduced feedback through a cardioid directional mode. The mic core is acoustically and mechanically isolated to prevent the microphone from picking up mechanical noise from the table. There is a large illuminated ring on the microphone that indicates when the microphone is turned on. The switch is used to turn the microphone on/off or to add a unit to the request queue. The microphone is supplied with a professional 6-pin XLR plug for use with spiral or straight cable.

Features

- LED ring indicator
- Heart-shaped pickup
- Rear electret condenser pickup
- Double rubber suspension pickup
- Highly close SPL level
- Low noise pickup
- Dual function switch
- Two-color LED

Specification

Pickup head.. Back-electret condenser

Frequency response..50Hz~18kHz

Power consumption...................................... 1.5 to 9 VDC

Dynamic range..>94dB

Signal to noise ratio (S / N)..<60 dBA
Maximum microphone input................................> 138 dB SPL

THD................................... <0.1%

Speaker rated output.........................> 70dB SPL at 0.5m

Sensitivity..-68 dB±3dB /μBar

Impedance..2 kOhms @ 1 kHz
connection:
Mechanical connector.. 6-pin XLR male
Color:

Black Weight... 0.2kg

Dimensions (height x diameter)............................160 x 30mm

How to Order

Handheld microphone. With speak request button and light
ring. VIS-HM100 2m 6-pin XLR-f to 15HD-sub-m spiral
cable. VIS-HMC-02
3m 6-pin XLR-f to 15HD-sub-m spiral cable. VIS-HMC-03

VIS-FS100-A

Automatic feedback suppressor

VIS-FS100-A feedback suppressor uses a powerful signal processor and a fully automatic adaptive algorithm, which is easy to use. In addition to supporting 4-line / microphone input, it is also equipped with an AUDIOLINK digital audio cascade interface and supports 5 channel automatic mixer.

Features

- Fully automatic high-speed howling suppression algorithm, no need to debug, ready to use
- Eliminate feedback
- Automatically adapt to the acoustic environment
- Up to 12DB additional gain to effectively prevent feedback
- Equalized line or microphone input to provide phantom power
- With AUDIOLINK digital cascade input and output interface
- Four microphone inputs and digital interface AUDIOLINK inputs with automatic mixer

Function

- The adaptive filter can switch between "Fast" mode and "Precise" mode. Fast mode is suitable for situations where the microphone position changes frequently. Adaptive filters converge at a slower rate, suppressing more reverberation components. Depending on the acoustic environment and the selected operating mode, an additional gain of up to 12DB can be obtained before acoustic feedback occurs.
- The feedback suppressor also has a built-in automatic mixer to achieve four microphone inputs. In many cases, such as on a podium, pulpit, or conference table, the use of the above two microphones can better capture the voice of a moving speaker, which often increases the risk of acoustic feedback. In view of this problem, the automatic mixer in the feedback suppressor will automatically reduce the gain of the microphone with a weak signal input, while increasing the gain of another microphone with a strong signal input. In this way, it can track the speaker on the move, producing the best sound clarity. At the same time, since the total amount of gain remains constant, a maximum volume is maintained without generating acoustic feedback.
- When the feedback suppressor is configured with two AUDIOLINK cascade interfaces, it is connected to the CLEACON series conference controller through the AUDIOLINK interface, and the conference controller outputs audio to the feedback suppressor for mixing output, and can be cascaded to the next feedback suppressor or Other devices with AUDIOLINK interface.

● Even if the feedback suppressor is switched to the "bypass" mode, the automatic mixer function still works.

Controls and indicators

–Switch

–Bypass button with yellow LED

–Activate ACTIVE button with yellow LED

– Calibration button. Start quick calibration cycle

--4-channel microphone / line input status indicator

– Overload (at 0DBFS), red LED

– Enable Auto Mix, yellow LED

– Calibration, yellow LED

Specification

Electrical characteristics

Power supply voltage ....230VAC / 115VAC, ± 10%, 50 / 60Hz

15W

Maximum starting power ....1.5A (230VAC) / 3A (115VAC)

Sampling rate....... 32KHZ

Frequency response.......125HZ-15KHZ

<1% at 1KHZ distortion

Gain ....0dB line in, 12dB / 0dB / -12dB (Low / Med / High) microphone input

Gain adjustment range....... Mute ~ 20dB

S / N ratio.......> 90DB

Signal delay ....<11 ms

Decoupler frequency variation....... up to 5HZ shielding noise

Line / microphone input

Maximum input level....... 6dBv

Output resistance....... <100 ohm

CMRR.......> 25DB (50HZ-20KHZ)

24V phantom power (microphone only, switchable)

10dBv maximum output level

conventional

Relative temperature <95%

Weight 3 kg

Operating temperature range from 10 ° C to 55 ° C

Storage temperature range 40 ° C to 70 ° C

Relative humidity <95%

Item Model for Order

VIS-FS100-A .... Five-channel Fully Automatic Feedback Suppressor

VIS-FS100 .... Four-channel full-automatic feedback suppressor

VIS-DSP8/DSP12/DSP16

dB-NET series Digital DSP Audio Matrix
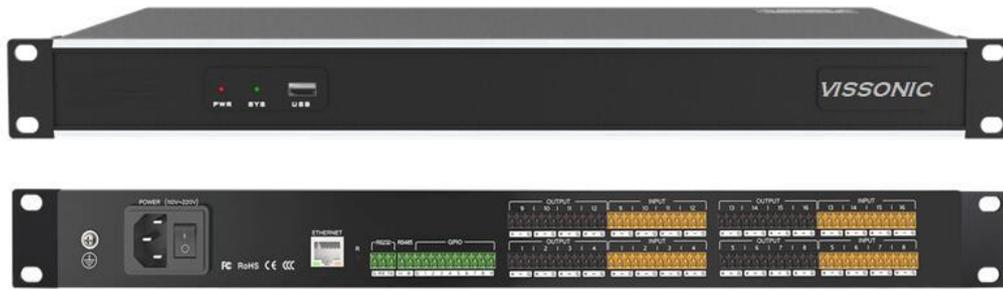
Features

- 8,12,16 CH balanced microphone input, using the phoenix plug
- 8,12,16 CH balanced microphone output, using the phoenix plug
- A variety of audio formats in front panel can extend the USB multimedia storage for recording.
- Can control by PC, mobile phone, tablet, web, key panel, Control system and so on
- Main algorithms, such as built-in signal generator, auto mixing, feedback suppressor, echo cancellation, noise cancellation(optional) etc.
- Input per channel: preamplifier, signal generator, expander, compressor,5 parameters of equilibrium.
- Output per channel: 31 segment graphic equalization, delay, divider, limiter
- Full functional matrix mixing, with the built-in patented component matrix adjustment function.
- Built-in automatic video tracking function, easy to implement video conferencing, support scene presupposition function, power automatic protection memory function
- There are more than dozens of professional audio processing modules, such as: 5-band full parametric equalizer, 31-band graphic equalizer, high-precision compression and limiter, high-sensitive expansion and automatic gain, crossover, automatic mixing Amplifier, delayer, matrix mixer, component matrix adjuster, noise threshold, mute module, signal generator and signal indicator level meter, etc.
- The built-in media control code generator does not require the self application formula to edit the code.
- The equipment provides a universal programmable I/O port and sets firefighting functions.
- RS-232 bidirectional serial control interface; it can control other external devices such as video matrix, video camera and other RS-232 devices, or receive third party RS-232 control
- The phantom power supply (each input) +48 VDC10mA.

Technical parameter

Performance parameter

Number of analog channels....... 8 channels input + 8 channels output (DSP8), 12 channels input + 12 channels output (DSP12), 16 channels input + 16 channels Output (DSP16)

Core algorithm...............automatic mixing, feedback cancellation, echo cancellation

GPIO............input and output share 8

RS232/RS485............1

RJ45 control interface........1

USB interface...1

Simulated maximum gain...... 51dB

Sampling rate............48K

Frequency response (20~20KHz) ....±0.2dB

A/D dynamic range (A-weighting) ...114dB

Digital/analog dynamic range (A-weighting) ...120dB

Input to output dynamic range.............108dB

Total harmonic distortion + noise.......＜0.002% @1KHz ,4dBu

Noise floor (A-weighting) 90dBu

Delayed storage............2s

Analog input to analog output system delay...........3ms

Input impedance (balanced).........20KΩ

Output impedance (balanced)...100Ω

Maximum input level.........+24dBu, balanced

Maximum output level.........+24dBu, balanced

Equivalent input noise EIN (20-20kHz, A weighting) ....≤-131dBU

Phantom power (per input) 48V

Input common mode rejection, 60Hz...80dB

Channel isolation, 1kHz......100dB

Power consumption......<40W

Working power...AC110V-220V, 50Hz/60Hz

Mechanical parameters

Installation: 19 "standard cabinet installation

Dimensions (W x D x H) ......483*260*44.5(mm)

Working temperature.....-20°C～60°C

Relative humidity.....5%～95%

Storage and transportation temperature.....-40°C～80°C

Weight.....3KG

SPK Series

Full frequency linear POE column speaker

The SPK series full-frequency linear POE sound column adopts a 3-inch full-frequency unit, a wooden speaker, and a built-in POE amplifier, which has a high degree of sound reduction and DSP processing. The speaker only needs to connect a network cable to realize audio, power supply, DSP configuration and real-time signal control.

Features

- Built-in DSP processing, support gain, mute, equalization, pressure limit, noise gate software adjustment
- AUDIOLINK digital transmission protocol, ultra-low latency, wireless loss and interference
- A network cable transmits audio signals, control signals, and POE power
- Overcurrent protection, high temperature protection, overload protection

Specification

model	VIS-SPK12-AL	VIS-SPK8-AL	VIS-SPK6-AL	VIS-SPK4-AL	VIS-SPK2-AL
System Components	12 × 3 "full frequency unit	8 × 3 "full frequency unit	8 × 3 "full frequency unit	8 × 3 "full frequency unit	8 × 3 "full frequency unit
Frequency response (± 3dB)	120Hz-18kHz	120Hz-18kHz	130Hz-20kHz	135Hz-20kHz	140Hz-20kHz
Sensitivity	97dB	96dB / w / m	95dB / w / m	93dB / w / m	91dB / w / m
Maximum sound pressure	121dB	120dB	119dB	117dB	113dB

level					
power	120W	120W	120W	120W	80W
Coverage angle	H100 ° × V15 °	H100 ° × V18 °	H100 ° × V20 °	H100 ° × V30 °	H100 ° × V40 °
interface	1 way RJ45	1 way RJ45	1 way RJ45	1 way RJ45	1 way RJ45
Material	Wooden	Wooden	Wooden	Wooden	Wooden
Cooling method	Natural convection cooling	Natural convection cooling	Natural convection cooling	Natural convection cooling	Natural convection cooling
size	124×155×101 mm	120×150×720 mm	120×150×540 mm	120×150×370 mm	120×150×210 mm
net weight	12kg	8.5kg	6.5kg	4kg	2.5kg

VIS-CDA-4

Power amplifier

Overview

VIS-CDA-4 is a series of cost-effective, high-reliability power amplifiers. It uses high-quality components. Through the use of innovative circuit design, with four-channel powerful power output, it can achieve amazing power output by switching the bridge mode, and flexibly combine to meet the requirements of more different occasions. The special low-temperature pure copper transformer, coupled with a large air volume heat dissipation system, guarantees the stable reproduction of perfect sound at any time.

Parameters

Rated output power: 8Ω stereo 300W × 4

Rated output power: 4Ω stereo 500W × 4

Rated bridge output power: 8Ω bridged 900WX2 Power requirements: AC220V

Structure: 1U metal chassis design

Number of channels: 4CH

Harmonic distortion (1kHz, 8ohms): <0.1%

Frequency response: 15Hz-20kHz: ± 0.1dB (1W / 8Ω)

Input impedance: balanced 20K ohm unbalanced 10K Ohm sensitivity: 0.775V

Signal to noise ratio: ≥100dB

Damping coefficient: (350: 1, 1Khz 8ohms) Conversion rate: 28V / US

Output stage: Class-D

LED indicator: power / signal / distortion / clipping

Input connector: balanced male and female XLR

Output connector: SPEAKON

Cooling system: dual variable speed fans, exhaust air from front to back

Protection function: overheat, short circuit, DC output

Dimensions: 482 × 295 × 44mm

VIS-X6V

Loudspeaker

Overview

The cabinet of speaker is made of multi-layer high-density birch plywood. The concave and convex groove process is used to make the cabinet more solid. At the same time, the use of high-strength reinforcement nails causes the resonance of the cabinet. The energy distortion is minimized. The cabinet is designed to be moisture-proof and dust-proof to ensure stable operation in dusty and humid environments. Also equipped with dust-proof and waterproof aviation sockets.

It's suitable for high-end performances, conferences, evenings and concert system.

Parameters

Frequency response (± 3dB): 80Hz-20khz
Unit: 1 × 6.5 "+ 1 × 1.33" / 36mm + 34mm (VC) Nominal impedance: 8 Ohm
Power: 110W (AES), 440W (PEAK)
Sensitivity: 95dB / w / m
Maximum sound pressure level: 118dB
Coverage angle: H90 ° × V90 ° Socket: 2 × NL4 speakon Product size (W × D × H): 215 × 230 × 359mm
Net weight: 6.9kg

VIS-SPK-C4.3

Column loudspeaker

Overview

The cabinet of speaker is made of multi-layer high-density birch plywood. The concave and convex groove process is used to make the cabinet more solid. At the same time, the use of high-strength reinforcement nails causes the resonance of the cabinet. The energy distortion is minimized. The cabinet is designed to be moisture-proof and dust-proof to ensure stable operation in dusty and humid environments. Also equipped with dust-proof and waterproof aviation sockets.

It's suitable for high-end performances, conferences, evenings and concert system.

Parameters

Frequency response (±3dB): 135Hz-20kHz
Unit: 4×3"full/19 mm (VC)
Nominal impedance: 8 Ohm Power: 80W(AES), 320W(PEAK)
Sensitivity: 93dB/w/m
Maximum sound pressure level: 118dB
Covering angle: H100°× V30°
Socket: 2×NL4 speakon
Product size (W×D×H): 124×155×375mm
Net weight: 4.1kg

Overview

This model of speaker is installed on the ceiling. It is used to convert the input audio electric power signal of the power amplifier (referred to as the power amplifier or amplifier) into a sound power signal and then broadcast it through the ceiling speaker in the form of sound waves. Ceiling speakers are widely used at Office buildings, hotels, and shopping malls are public places that use ceiling speakers.

It's suitable for high-end performances, conferences, evenings and concert system.

Parameters

Frequency response (±3dB): 60Hz-20kHz
Unit: 1×8" coaxial
Nominal impedance: 8Ω
Power: 160W
Sensitivity: 89dB/w/m
Maximum sound pressure level: 127dB
Product size: Φ305*215mm
Hole size: Φ270mm
Net weight: 4.5kg
Material: galvanized iron drum

VIS-CNB

Splitter box

Features

- No noise design
- Compact size
- Splitting two channels for CU/DU

Functions

- To achieve loop wired architecture with star-type wired benefits
- Repeat 2 CU/DU channels for reducing the cables and different project requirements.
- No noise working design

Interfaces

2 x RJ45 loop ports and 2 xRJ45 for repeated chains ports

Technical Parameters

Dimension:80Lx50Wx23Hmm
Weigth:0.1KG

Item Model for Order

VIS-CNB.................. Splitter box

VIS-EXM

Extension Main Unit

Features

- Expense four chains
- No fan and noiseless design
- Compact profile

Functions

- To achieve loop wired architecture with star wired benefits.
- Get 4 CU/DU channels.
- Work with no noise power supply to achieve "No fan, Noiseless" power enhancing.
- The distance between VIS-EXM extension main unit up to 100m

Control & Indicators

Power indicator
Loop through chains indicators
Repeated chains indicators
Grounded or Floating switch

Interfaces

Self-locking DC connector
4 x RJ45 loop ports or Microphone ports
2x RJ45 Loop through chains

Technical Parameters

Power: 3A 48VDC
Dimension:223x37x92mm (W x H x D)
Weigth:0.5KG

Item Model for Order

VIS-EXM.................Extension main unit

VIS-M600/VIS-M485/VIS-M410/VIS-M330

Pluggable Gooseneck Microphone

Features

- Precise directional microphone head with Mini design
- Two color LED ring indicator
- anti-wind microphone foam cover
- Strong audio collection ability to work with different length of microphone

Functions

- Two-color LED indicator on microphone, red for speaking, green means need acceptance from chairman to speak
- Screw lock socket to connect removable microphone

Technical Parameters

Length:
VIS-M600 600mm
VIS-M485 485mm
VIS-M410 410mm
Weight:
VIS-M600 130g
VIS-M485 120g
VIS-M410 100g
Color: Black

Item Model for Order

VIS-M330..................330mm Microphone, with anti-wind foam cover
VIS-M410..................410mm Microphone, with anti-wind foam cover
VIS-M485..................485mm Microphone, with anti-wind foam cover
VIS-M600..................600mm Microphone, with anti-wind foam cover

VIS-MDM

Square Type Microphone

Feature

- Short Square Shape with modern design, low profile in front of speaking person
- Long distance voice pickup up to 80cm
- Mic ON/OFF Light indicators on both sides.

- 4-direction angle adjustable, 90° from left to right. 120° from up to down

Application

Designed for high quality sound reproduction in venues such as boardrooms, conference rooms, courtrooms and other such venues.

The effective sound reception angle of 90° can prevent interference from adjacent microphones and suppress howling.

Parameters

Directivity	Cardioid
Frequency response	60Hz~17KHz
Mic Capsule	2
Sensitivity	-37dB+/-3dB@1KHz (0dB=1V/Pa)
Input impedance	200 Ohms
SNR	69dB (A)
The maximum sound pressure	125dB at 1KHz 1% T.H.D.
Power supply	9-48V Phantom Power
External interface	6-pin/XLR
Weight	180g
Size	36*24*216 (mm) WxHxL
Color	Matte black

VIS-MDA

Square Type Microphone with Digital and Analog Output

Feature

- Short Square Shape with modern design, low profile in front of speaking person
- Long distance voice pickup up to 80cm
- Digital and analog two outputs as back up, one faulty audio line won't affect the audio transmission
- Mic ON/OFF Light indicators on both sides.
- 4-direction angle adjustable, 90° from left to right. 120° from up to down

Application

Designed for high quality sound reproduction in venues such as boardrooms, conference rooms, courtrooms and other such venues.

The effective sound reception angle of 90° can prevent interference from adjacent microphones and suppress howling.

Parameters

Directivity	Cardioid
Frequency response	60Hz~17KHz
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Input impedance	200 Ohms
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Power supply	9-48V Phantom Power
External interface	6-pin/XLR
Weight	180g
Size	36*24*216 (mm) WxHxL
Color	Matte black

VIS-HL002/ HL005/ HL010/ HL020/ HL050/HL100

Professional CAT5E conference extension cables

Features

- TIA/EIA 568B CAT5E
- ISO/IEC 11801 ClassD
- CELENEC EN50173, EN50167, EN50169
- UL C(UL)&ETL Verified
- Pre-test by VISSONIC

Functions

- Extension cable for main unit to CU/DU unit
- Carry 48DC power and signals
- Male to Male cable
- Size from 2m to 100m

Interfaces

2x male RJ45

Technical Parameters

Standard: TIA/EIA 568B CAT5E

Connector: Shielded RJ45

Shielding: F/UTP

Resistance:100ohm±15%,1MHz to 100MHz

Delay skew:25ns/100m max

Gauge:24AWG solid bare copper

Flame retardant rating: CM, IEC332/1

Storage Temperature: -20℃~80℃

Operation temperature: -20℃~60℃

Item Model for Order

VIS-HL002.................. 1.5m black shielded Cat5e U/FTP cable (shielded RJ45)

VIS-HL005.................. 5m black shielded Cat5e U/FTP cable (shielded RJ45)

VIS-HL010.................. 10m black shielded Cat5e U/FTP cable (shielded RJ45)

VIS-HL020.................. 20m black shielded Cat5e U/FTP cable (shielded RJ45)

VIS-HL050.................. 50m black shielded Cat5e U/FTP cable (shielded RJ45)

VIS-HL100.................. 100m black shielded Cat5e U/FTP cable (shielded RJ45)

Audio/Video Conference Recording System

VIS-CRS02/03/05A

Professional AV Recorder and camera tracking

Features

- Compact portable equipment, integrated high-definition video, audio, VGA, USB and other input and output interfaces.
- Support access HD and SD signals, automatic identification signal combined layout pattern of their choice, can be very convenient for video, audio and computer screen simultaneously recording signals and local preview playback.
- Recording and generating common MP4 video files.
- You can use PC manage and control system.
- HDMI, VGA dual output design. HDMI output video conference screen, VGA output directed interface.
- Working with conference controller DCP2000 to get the camera auto-tracking and recording system
- Live broadcast under LAN or Ethernet

Control & Indicators

LCD display for setting and switching information
4 buttons for menu setting
4 video selection buttons

Interface

1x DC Power socket
2/3/5x HDMI input
2xHDMI output
1xDVI output
7xRS485 input
1xRS485 for keyboard
1xRS422&RS232
1xDB9 female for conference system
1xDB9 male for control system
1xRJ45 for Ethernet

Technical Parameters

DVI Input

Signal format/quantity: DVI-D/2

Connector: DVI-D

Pixel bandwidth:165MHz

Impedance: Differential 100Ω

Resolution:800x600 / 60HZ to 1920x1080 / 60HZ

Transmission distance: <35m

SDI Input

Signal format/quantity: SDI/2

Connector: BNC female connectors

Pixel bandwidth 165MHz

Video format:270Mbps SDI,1.485Gbps HD-SDI

and 2.97 Gbps 3G-SDI

Support resolution:1280x720@50Hz~1920x1080@60Hz

Transmission distance:3G-SDI<100m, recommend certified SDI professional wire

DVI video Output

Signal format/quantity: DVI-D/1

Connector: DVI-D

Pixel bandwidth:165Mhz

Support resolution:800x600@60Hz~1920x1080@60Hz

Transmission distance:<7m

Control

RS-422/RS232: 5 pins 3.8mm phoenix connector, RS-422:1=RX+,2=RX-,3=GND,4=TX+,5=TX-

RS-232:1=RX,3=GND,4=TX

Keyboard control:5 pins 3.8mm phoenix connector, RS-485:1=TX+,2=GND,3=TX-

RJ45 connector 100m TCP/IP protocol

Others:

power supply: AC 90-240V / 50-60HZ

Chassis Specifications:1U

Size:482 (L) x 200 (W) x45 (H) mm

Weight:2Kg

Item Model for Order

VIS-HDC-12-S-C........HD PTZ CAMERA (12x optical zoom, 3G-SDI, DVI(HDMI), LAN, Ceiling mount bracket)
VIS-HDC-12-S-W.......HD PTZ CAMERA (12x optical zoom, 3G-SDI, DVI(HDMI), LAN, Wall mount bracket)
VIS-HDC-20-S-C........HD PTZ CAMERA (20x optical zoom, 3G-SDI, DVI(HDMI), LAN, Ceiling mount bracket)
VIS-HDC-20-S-W........HD PTZ CAMERA (20x optical zoom, 3G-SDI, DVI(HDMI), LAN, Wall mount bracket)
VIS-CKB1.................. Camera Control Keyboard (Metal housing, Grey,3D)

VIS-CATC-A

Camera Auto-tracking Controller

Features

- 4 HD/3G SDI input, 1+1 HDMI output.
- 4x1+1 seamless scaler switcher, maximum supported output resolution is 1080P@60Hz
- Seamless switching, no jitter, no blank screen.
- Adjustable image freezing function

Functions:

- Turn on/off the channel number indicators
- 4x1 seamless scaler switcher, maximum supported output resolution is 1080P@60Hz,
- Seamless switching, no jitter, no blank screen.
- Adjustable image freezing function (freezing time from 1 to 6 seconds, freezing time cannot be less than 0.5 second or freezing function would be turned off).
- RS232 port to work with central controller or CLEACON series or CLASSIC-D series conference main unit for camera auto-tracking function.

Interfaces

- 4x SDI input
- 2x HDMI-A
- 1x female DP9

Technical Parameters

Input

- Signal format/Quantity…………………………: SDIx4
- Connector…………………………BNC female connectors
- Pixel bandwidth…………………………165MHz
- Video format …………………………270Mbps SDI, 1.485Gbps HD-SDI and 2.97Gbps 3G-SDI
- Support resolution……………………………………………………………1280x720@50Hz;1280x720@60Hz; 1920x1080@25Hz; 1920x1080@30Hz; 1920x1080@50Hz;1920x1080@60Hz
- Transmission distance …………………………3G-SDI≤100m with certified SDI professional cable.

Output

- Signal format/Quantity…………………………HDMIx2
- Connector…………………………HDMI-A connectors
- Pixel bandwidth…………………………165MHz
- Support resolution………………………… 1280x720x50Hz;1280x720x60Hz;
- 1920x1080x50Hz;1920x1080x25Hz;
- 1920x1080x30Hz;1920x1080ix50Hz;
- 1920x1080x60Hz;1920x1080ix60Hz;
- Transmission distance………………………HDMI≤7m with certified HDMI professional cable.

Control
- RS232 control
- Front panel control

Mechanical
- Dimensions (mm) ……………483L x 260W x43.6D
- Weight…………………………3kg
- Color…………………………black

Features

- Metal Housing, computer keyboard design
- Support PELCO-D, PELCO-P, VISCA Protocols
- Chinese/English LCD, Key-pressing prompting voice available
- With three-dimensional joystick, can control the variable speed of the camera or Pan/Tilt
- Two-dimensional keyboard control, can be accurate to every speed level

Functions

- Can control the camera or pan/tilt rotation, zoom, iris, focus and camera parameter setting
- Can control the camera or pan/tilt preset tour, pattern, absolute position, zoom operation, AUX operation and so on
- The common special function can be selectable
- Real time display the decoder and matrix's working status
- Short circuit protection, automatic recovery program design for communication port
- Multi interface control signals: RS485, RS422, RS232, can control max 256 unit of camera
- Max. communication distance: 1200 M (0.5mm twisted pairs)

Control & Indicators

LCD display
Three-dimensional joystick
Channels selecting buttons
Function shortcut buttons

Interface

1x RJ45 port
1xRS232 DP9 connector
1x 3 pins phoenix connector

Technical Parameters

Communication Mode: RS-485 semi-duplex, RS-422 full-duplex, RS232 full-duplex

Baud Rate:1200/2400/4800/9600 bit/s

Interface: RJ45 network interface, RS232 standard jack, terminal

Voltage: DC12V

Power:5W

Display: LCD

Working Temperature:-10~+50℃

Working Humidity:10~90%(no-condensation)

Weight:1.5kg

Dimension:271(L)x181(W)x54(H)mm

Item Model for Order

VIS-CKB1.................. Camera Control Keyboard
  (Metal housing, Grey, 3D)

VIS-CATC-A.................. Camera Auto-tracking 4-Windows Processor

VIS-CDC-U 20x optical zoom, USB3.0, HDMI, LAN, Ceiling Mount

VIS-CDC-S 20x optical zoom, USB2.0, HDMI, 3G-SDI, LAN, Ceiling Mount

VIS-CDC-30-S 30x optical zoom, USB2.0, HDMI, 3G-SDI, LAN, Ceiling Mount

VIS-CDC Series

Full HD Camera

Features

- H.265 support

  H.265 encoding supports conference cameras, and can realize full HD 1080p / 60fps video streaming through ultra-low bandwidth.

- 1080P Full HD

  Using a new generation of Panasonic's 1 / 2.8 inch high-quality high-definition CMOS sensor with 2.07 million effective pixels, it can achieve high-quality images with a maximum resolution of 1920x1080

- Ultra high frame rate

  The output frame rate of 1080P is up to 60fps, the output frame rate of 720P is up to 120fps (only supported by the network), and 640x480P can be up to 240fps (only supported by the network, optional).

- AAC audio coding

  supports AAC audio coding, with better sound quality and smaller bandwidth.

- Local storage

  supports local storage module, without NVR recording directly to local USB flash drive.

- The low light and high SNR of the CMOS sensor combined with 2D and 3D noise reduction algorithms effectively reduces the noise. Even under low illumination conditions, the picture can still be kept clear and clear.

- Various interface, support HDMI output, 3G-SDI interface, effective transmission distance up to 150 meters (1080p30 or less). HDMI, SDI, and network can be output simultaneously. It also supports CVBS interface.

- 20x Optical + 32x Digital Zoom Use TAMRON high quality super telephoto lens, support 20x optical zoom, and 32x digital, 30x Optical + 16x Digital Zoom (Model VIS-CDC-30-S)

- Remote Control

  Using RS232/485 interface, all the parameters of the camera can be remote controlled by the high-speed communications.

Item Model for Order

Model VIS-CDC-U 20x optical zoom, USB3.0, HDMI, LAN, Ceiling Mount
Model VIS-CDC-S 20x optical zoom, USB2.0, HDMI, 3G-SDI, LAN, Ceiling Mount
Model VIS-CDC-30-S 30x optical zoom, USB2.0, HDMI, 3G-SDI, LAN, Ceiling Mount

Specification

VIS-CDC-S，VIS-CDC-30-S	VIS-CDC-U
Video System	HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (supported by network only), 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 (supported by network only, optional)SD: 480i, 576i
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8，or 30x, f4.3mm ~ 129.0mm, F1.8 ~ F2.8(Model VIS-CDC-30-S)
Digital Zoom	32x (optional)，16x(optional Model VIS-CDC-30-S)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	60.7° ~ 3.36°
Vertical Angle of View	34.1° ~ 1.89°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
Face Detection	Support (optional)
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°
USB Featured	
Operate System	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux
Color System	YUV 4:2:2
Video Format	USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 USB2.0: USB2.0:960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50

USB Video Communication Protocol	UVC 1.0	
UVC PTZ	Support	
IPC Features		
Video Compression	H.265/H.264/MJEPG	
Video Stream	Main Stream, Sub Stream	
Main Stream Resolution	1920x1080, 1280x720, 1024x576	
Sub Stream Resolution	720x576, 720x480, 320x240	
Video Bit Rate	128Kbps ~ 8192Kbps	
Bit Rate Type	Variable Rate, Fixed Rate	
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps, 720p120: 120fps, 640x480p240: 240fps	
Audio Compression	AAC	
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps	
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.	
Input/Output Interface		
HD Output	1xHDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard	1xHDMI: Version 1.3
SD Output	1xCVBS: 3.5mm mini jack, 1Vp-p, 75Ω	None
Network Interface	1xRJ45: 10M/100M Ethernet Interface	
Audio Interface	1-ch: 3.5mm Audio Interface, Line In	
USB	1xUSB2.0: Type A female jack	1xUSB3.0: Type B female jack 1xUSB2.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P	
	1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only	
	1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P	
Power Jack	JEITA type (DC IN 12V)	
Generic Specification		
Input Voltage	DC 12V	
Current Consumption	1.0A (Max)	
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)	
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)	

MBTF	≥30000　hours
Power Consumption	12W (Max)
Size	169mm x 142mm x 164mm
Net Weight	1.35Kg (3.0lb)

About VISSONIC Electronics Limited

Our mission is to develop and manufacture the most comprehensive and innovative audio visual products for our clients. We provide the best performance/price ratio products because it could give you satisfaction just from the time you use them, we believe the good design with cutting edge technology on products will provide value to all our partners and end users. Listen to your demands, we fulfill it.

VISSONIC