

## CLEACON 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
- 128\*32 OLED screen, providing excellent brightness, contrast, wide viewing angle but low power consumption
- Strong system robust by the "Hand-in-Hand-Loop-Network" connection method.
- 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 band) of each microphone adjustable separately
- Supporting 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.
- 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 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 band)/AFC(Adaptive Feedback Cancellation)/ANC(Active Noise Control 15 band)/Mix (Auto-Mix) technology
- Build-in functions for intercom
- Hot-swap for any system unit, and the controller has auto-recovery function, support 'Plug and Play'
- Precise directional microphone head with anti-wind microphone foam cover, with two-color LED indicator
- Five keys voting function
- Support 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 answer the application for speaking from delegate
- Support simultaneous language interpretation
- Support more voting functions by the 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 our HD camera and video matrix switcher, it applies camera auto tracking function
- Activation at any time for chairman unit(if the amount 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

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

3.5mm stereo headphone socket

2x RJ45 connectors

## Technical Parameters

Button: Touchable interface, no physical buttons

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: 200W × 58 D × 50H mm (without microphone)  
Operating temperature: 0 °C to + 55 °C  
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(black), with anti-wind foam cover  
VIS-M600.....600mm Microphone(black), with anti-wind foam cover