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Professional Audio Video Manufacturer

# Full Digital Wired Conference Units

Product Datasheet



**VISSONIC ELECTRONICS LTD.**

Think Solution

## 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*

1x Pluggable 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

1x 3.5mm 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 °C to + 55 °C

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