

## HCS-4338ND/50 Discussion Unit



### Features

- **Elegant and ergonomic design**
  - **Exquisite and delicate tabletop design for ease of use and transport**
  - **Cable coming out of the base for a tidier wiring**
  - **Hi-Fi loudspeaker**
  - **Pluggable microphone**
  - **"Closed Loop - Daisy Chain" connection topology**
  - **Water resistant and noise-free buttons with long service life**
  - **Excellent immunity to RF interference from mobile phones**
  - **Separate adjustment of gain and EQ (5 band) of each microphone for the perfect sound**
  - **Supporting "PnP" (plug and play)**
- Stem microphone can be unplugged during adjournment, easy to maintain
  - Mini-microphone, with foam windshield
  - Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
  - Excellent immunity to RF interference from mobile phones and comparable devices
  - Microphone On/Off button
  - An ID can be assigned by default or manually to each conference unit bearing a unique serial number for convenient maintenance
  - Facilities in independent operation from computer:
    - ◆ Set the number of delegates permitted to speak at the same time
    - ◆ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
      - "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
      - "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
      - "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
      - "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
      - "PTT" mode, press microphone On/Off button to talk
  - Automatic video tracking implementation when cooperating with cameras & video switcher unit; preset positions on PC
  - Set any delegate unit to be VIP unit
    - ◆ Up to 32 units can be set as VIP in one system via application software
    - ◆ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

This delegate unit meets the basic demands of most conferences. It provides facilities for speaking, registering a request-to-speak and listening. The loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

### Functions

- Compliant to ISO 22259
- "Closed Loop - Daisy Chain" connection topology for a high operational system reliability: breakdown or replacement of a congress unit and connection failure of a cable will not influence other congress units in the system
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- Proprietary MCA-STREAM technology used to transmit fully digital audio between the congress units as well as between congress units and main unit(s)
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time
- Supporting 48 kHz audio sampling rate
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic system recovery and "PnP" (plug and play)

### Controls and Indicators

- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphone volume up and down
- Microphone On/Off button with indicator

### Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

**Technical Specifications**

**Electrical**

Max. consumption.....1.8 W

**Headphone connection**

Frequency response.....30 Hz to 20 kHz

Earphone load impedance.....>16 Ohm

Earphone output.....10 mW

**Recommended microphone type**

Transducer.....Electret-condenser

Polar pattern.....Uni-directional

Operating voltage.....5 VDC

Sensitivity.....-46 dBV/Pa

Frequency response.....50 Hz to 20 kHz

Input impedance.....2 kOhm

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

Equivalent noise.....20 dBA (SPL)

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

**Interface data**

Connector.....Ø 3.5 mm stereo jack for headphone

**Mechanical**

Mounting.....Tabletop

Dimensions (h x w x d) (w/o stem mic.).....73 x 101 x 133 mm

Weight (incl. stem microphone).....1.0 kg

Color.....Champagne (PANTONE 401 C) panel /  
Charcoal gray (PANTONE Cool Gray 11 C) panel

Stem length.....330 mm, 410 mm (standard version), 470 mm

**Ordering Information**

HCS-4338ND\_B/50... Fully Digital Congress System Delegate Unit  
(tabletop, champagne panel)

HCS-4338ND\_D/50... Fully Digital Congress System Delegate Unit  
(tabletop, charcoal gray panel)