

## HCS-4838D Delegate Unit




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### 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**
- **Microphone On/Off button**
- **Braille is present for physical buttons**
- **“Closed Loop - Daisy Chain” connection topology**
- **Supporting 48 kHz audio sampling rate**
- **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)**

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The multi-functional delegate unit meets the demands of even the largest conferences. It provides facilities for speaking, registering a request-to-speak, listening. Excellent immunity to RF interference from mobile phones. The loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

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### 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
- 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)
- Stem microphone can be unplugged during adjournment, easy to maintain
- 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
- Braille is present for physical 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/Request/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
    - “Request” mode, delegate requests 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 8 (incl. chairman/delegate/VIP unit)

### Controls and Indicators

- Headphones volume control
- Microphone On/Off button with indicator

### Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- 1.5 m cable with 8P-DIN plug
- 0.6 m cable with 8P-DIN socket

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### Technical Specifications

#### Electrical

|                              |                 |
|------------------------------|-----------------|
| Max. consumption.....        | 1.8 W           |
| <b>Headphone connection</b>  |                 |
| Frequency response.....      | 20 Hz to 20 kHz |
| Earphone load impedance..... | >16 Ohm         |
| Earphone output.....         | 10 mW           |

Connector.....Ø 3.5 mm stereo jacks for headphones

**Mechanical**

Mounting.....Tabletop  
 Dimensions (h x w x d) (w/o stem microphone).....66 x 99 x 143 mm  
 Weight (incl. stem microphone).....0.9 kg  
 Color.....Charcoal gray (PANTONE Cool Gray 11 C)

**Ordering Information**

HCS-4838D.....Fully Digital Congress System Delegate Unit  
 (tabletop, discussion, Braille, charcoal gray, stem  
 microphone to be orderd separately)

**Function list**

| Model No.     | Type     | Speech | SI    | Main unit        | Cable                       |
|---------------|----------|--------|-------|------------------|-----------------------------|
| HCS-4838CS/80 | Chairman | √      | 64CHs | HCS-4800MA/20    | 8-pin<br>dedicated<br>cable |
| HCS-4838DS/80 | Delegate | √      | 64CHs |                  |                             |
| HCS-4838C     | Chairman | √      |       | HCS-4800M Series |                             |
| HCS-4838D     | Delegate | √      |       |                  |                             |