

## HCS-4838C Chairman 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
- Priority button
- 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)

The stylish and ergonomically designed chairman unit has all the necessary facilities to enable the user to chair a conference. It has excellent immunity to RF interference from mobile phones. Similar in appearance to HCS-4838D Delegate Unit, the HCS-4838C Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting. 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
- 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
- Priority button
- Microphone On/Off button
- Braille is present for physical buttons
- 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
- Activation at any time (if the amount of active microphones in the system is less than 8)
- Priority button to switch off or to mute the delegate units (except VIP units) according to preset
- Approves/denies delegates' speaking request
- System supports up to 100 chairman units, while all or part chairman units have the control facilities listed above (set by software or main unit)

### Controls and Indicators

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

### Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jacks
- 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

**Headphone connection**

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

Earphone load impedance.....>16 Ohm

Earphone output.....10 mW

**Interface data**

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

**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)

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**Ordering Information**

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