HCS-4838CS/80 Chairman Unit with Channel Selection

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**
- **OLED screen with high brightness and contrast, wide viewing angle and low power consumption**
- **"Closed Loop - Daisy Chain" connection topology**
- **Transmitting up to 64 CHs high quality digital audio signals on a dedicated 8-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 20 Hz and 20 kHz**
- **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-4838DS Delegate Unit, the HCS-4838CS/80 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. A graphic OLED can display channel number and language name. Channel selection is automatically limited to the number of language channels available.

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
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 8-pin cable (general cat5e cable with a drain wire substitutable)
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Supports 48 kHz audio sampling, and all 64 channels perfectly reproducing audio frequencies between 20 Hz and 20 kHz
- 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
  - Simultaneous interpretation
- 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

- Graphic 128x36 OLED for displaying Channel number and language name
- Built-in channel selector with channel selection function
- Headphones volume control
- Microphone On/Off button with indicator
- Priority 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

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 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-4838CS/80 Fully Digital Congress System Chairman Unit (tabletop, discussion, 64 CHs, OLED, Braille, charcoal gray, stem microphone to be orderd separately)