

HCS-48U10DVSE/80 Delegate Unit with Voting and Channel Selection



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **3 voting keys**
- **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**
- **Built-in channel selector consists of up/down channel select buttons**
- **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)**
- **Built-in multi-channel intercom facility**
- **Built-in contactless IC-Card reader**

The multi-functional delegate unit meets the demands of even the largest conferences. It provides facilities for speaking, registering a request-to-speak, listening, voting, selecting language channels and IC-Card sign-in. Excellent immunity to RF interference from mobile phones. A graphic OLED screen can display operation menu, 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 2.0 digital audio processing and transmitting technologies
- Proprietary MCA-STREAM 2.0 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 cable (recommended use of cat5e cable with a drain wire)
- Supporting 48 kHz audio sampling rate, 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)
- Equipped with 5PIN microphone socket, stem microphone ordered separately, suitable for MS**E type stem microphone
- 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, 3 voting keys
- 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
- Voting function (Yes/No/Abstain) in combination with the corresponding software
- Key-press sign-in, contactless IC-Card sign-in
- Built-in contactless IC-Card slot to place the IC card, while automatically logout once the card is taken out from the slot
- Automatic video tracking implementation when cooperating with cameras & video switcher unit; preset positions on PC

- Built-in multi-channel intercom facility
- Set any delegate unit to be VIP unit
 - ◆ 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

- Graphic 128x36 OLED with screen saver for displaying:
 - ◆ English menu
 - ◆ Channel number and language name
- Built-in channel selector with up/down channel select buttons
- Headphones volume up and down
- Three voting keys with indicators
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- 2 x RJ45 socket for daisy chain connection (recommended use of cat5e cable with a drain wire & RJ45 plug with metal shield)

Technical Specifications

Electrical

Max. consumption.....2.0 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 jack for headphone

Mechanical

Mounting.....Flush-mounting

Dimensions (h x w x d) (w/o stem microphone)....72 x 245 x 80 mm

Weight (incl. stem microphone).....0.8 kg

Color.....Black (PANTONE 419 C)

Ordering Information

HCS-48U10DVSE/80..... Fully Digital Congress System Delegate Unit (flush-mounting, discussion, 3 voting keys, built-in contactless IC-Card slot, 64 CHs, OLED, black, stem microphone to be ordered separately)