

HCS-48U10CVSE/50 Chairman Unit with Voting and Channel Selection



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **Priority button**
- **Pluggable microphone**
- **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 6-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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 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-48U10DVSE/50 Delegate Unit, the HCS-48U10CVSE/50 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 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 IEC 60914
- “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 6-pin cable (general Cat.5 cable substitutable)
- Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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
- 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, 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/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
 - ◆ Simultaneous interpretation
- Voting function (Yes/No/Abstain) in combination with the corresponding software modules
- 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

- Activation at any time (if the amount of active microphones in the system is less than 6)
- 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:
 - ◆ English menu
 - ◆ Channel number and language name
- Built-in channel selector with up/down channel select buttons
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Three voting keys with indicators
- Microphone On/Off button with indicator
- Priority button

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.....2.0 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.....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)

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

Ordering Information

HCS-48U10CVSE/50.....Fully Digital Congress System Chairman Unit (flush-mounting, 3 voting keys, contactless IC-Card reader, 64 CHs, OLED, black)

HCS-48U10CVSNE/50.....Fully Digital Congress System Chairman Unit (flush-mounting, E-ink Nameplate can be connected, 3 voting keys, contactless IC-Card reader, 64 CHs, OLED, black)

HCS-48U10DVSE/50 Discussion Unit with Voting and Channel Selection



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **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 6-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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, registering a request-to-respond, 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 IEC 60914
- “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 6-pin cable (general Cat.5 cable substitutable)
- Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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
- 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, 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/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
 - ◆ Simultaneous interpretation
- Voting function (Yes/No/Abstain) in combination with the corresponding software modules
- 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
 - ◆ 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)

Controls and Indicators

- Graphic 128x36 OLED for displaying:
 - ◆ English menu
 - ◆ Channel number and language name
- Built-in channel selector with up/down channel select buttons
- Uni-directional electret condenser microphone with two-color illuminated ring
- 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
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Max. consumption.....2.0 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.....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)

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

240 mm, 330 mm, 470 mm

Ordering Information

HCS-48U10DVSE/50.....Fully Digital Congress System Delegate Unit (flush-mounting, 3 voting keys, contactless IC-Card reader, 64 CHs, OLED, black)

HCS-48U10DVSNE/50.....Fully Digital Congress System Delegate Unit (flush-mounting, E-ink Nameplate can be connected, 3 voting keys, contactless IC-Card reader, 64 CHs, OLED, black)

HCS-48U10DVE/50 Discussion Unit with Voting



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **3 voting keys**
- **“Closed Loop - Daisy Chain” connection topology**
- **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 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, registering a request-to-respond, listening, voting and IC-Card sign-in. Excellent immunity to RF interference from mobile phones.

The loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- “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
- 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
- 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, 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/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
- Voting function (Yes/No/Abstain) in combination with the corresponding software modules
- 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
- 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)

Controls and Indicators

- Uni-directional electret condenser microphone with two-color illuminated ring
- Three voting keys with indicators
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Max. consumption.....2.0 W

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%)

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)

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

Ordering Information

HCS-48U10DVE/50.....Fully Digital Congress System Delegate
Unit (flush-mounting, 3 voting keys,
contactless IC-Card reader, black)

HCS-48U10DDS/50 Discussion Unit with Dual Channel Selection



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **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 6-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz**
- **Built-in dual channel selectors consist of up/down channel select buttons and SI information display**
- **The microphone buttons provide dual delegate identification, used for individual delegate identification on the left and right respectively and easy for automatic video tracking**
- **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 multi-functional delegate unit meets the demands of even the largest conferences. It provides facilities for speaking, listening, and selecting language channels. Excellent immunity to RF interference from mobile phones. It features dual channel selectors, the microphone buttons provide dual delegate identification, used for individual delegate identification on the left and right. 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 IEC 60914
- "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
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 6-pin cable (general Cat.5 cable substitutable)
- Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 Hz and 20 kHz
- The microphone buttons provide dual delegate identification, used for individual delegate identification on the left and right respectively and easy for automatic video tracking
- 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
- 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
- Two microphone On/Off buttons
- 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
 - ◆ Simultaneous interpretation
- 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)

Controls and Indicators

- Graphic 128x36 OLED for displaying:
 - ◆ English menu
 - ◆ Channel number and language name
- Built-in two channel selectors consist of up/down channel select buttons and channel indicator display
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphones volume up and down
- Two microphone On/Off buttons

Interconnections

- Socket for pluggable microphone
- 2 x 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 2.0 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 2 x Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting Flush-mounting

Dimensions (h x w x d) (w/o stem microphone) 54 x 245 x 80 mm

Weight (incl. stem microphone) 0.8 kg

Color Black (PANTONE 419 C)

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

Ordering Information

HCS-48U10DDS/50 Fully Digital Congress System Delegate Unit (flush-mounting, 64 CHs, OLED, 2 channel selectors, dual predefined position, black)

HCS-48U10DS/50 Discussion Unit with Channel Selection



Features

- **Elegant and ergonomic design**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **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 6-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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)**

The multi-functional delegate unit meets the demands of even the largest conferences. It provides facilities for speaking, registering a request-to-speak, registering a request-to-respond, listening, selecting language channels. 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 IEC 60914
- “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 6-pin cable (general Cat.5 cable substitutable)
- Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 30 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
- 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
 - ◆ Simultaneous interpretation
- Key-press sign-in
- 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)

Controls and Indicators

- Graphic 128x36 OLED for displaying:
 - ◆ English menu
 - ◆ Channel number and language name
- Built-in channel selector with up/down channel select buttons
- 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.....2.0 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.....Flush-mounting

Dimensions (h x w x d) (w/o stem microphone).....54 x 245 x 80 mm

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

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

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

Ordering Information

HCS-48U10DS/50..... Fully Digital Congress System Delegate Unit (flush-mounting, 64 CHs, OLED, black)