

## HCS-4865CVE/50 Chairman Unit with Voting



### Features

- **Elegant and ergonomic design**
- **Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints**
- **Priority button**
- **Apply button**
- **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)**

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-4865DVE/50 Delegate Unit, the HCS-4865CVE/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. The chairman unit can also be used to apply/cancel a request-to-speak and turn off all active microphones.

### 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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
- 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 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**

- Uni-directional electret condenser microphone
- Three voting keys with indicators
- Microphone On/Off button with indicator
- Priority button with indicator
- Apply button with indicator

**Interconnections**

- 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 ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

**Interface data**

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

**Mechanical**

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

**Ordering Information**

HCS-4865CVE\_B/50 ..... Fully Digital Congress System Chairman  
 Unit (tabletop, metal straight stem  
 microphone, 3 voting keys, black)

## HCS-4865DVE/50 Discussion Unit with Voting



### Features

- Elegant and ergonomic design
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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)

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 and voting. Excellent immunity to RF interference from mobile phones.

### 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
- 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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
- 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
- Three voting keys with indicators
- Microphone On/Off button with indicator

## Interconnections

- Ø 3.5 mm stereo headphone jack
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

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## Technical Specifications

### Electrical

Max. consumption ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

### Interface data

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

### Mechanical

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

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## Ordering Information

HCS-4865DVE\_B/50 ..... Fully Digital Congress System Delegate  
Unit (tabletop, metal straight stem  
microphone, 3 voting keys, black)

## HCS-4865CS/50 Chairman Unit with Channel Selection



### Features

- **Elegant and ergonomic design**
- **Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints**
- **Priority button and apply button**
- **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 and SI information display**
- **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-4865DS/50 Delegate Unit, the HCS-4865CS/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. The chairman unit can also be used to apply/cancel a request-to-speak and turn off all active microphones.

### 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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
- 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**

- Uni-directional electret condenser microphone
- Built-in channel selector consists with up/down channel select buttons and SI information display
- Headphone volume up and down
- Microphone On/Off button with indicator
- Priority button with indicator
- Apply button with indicator

**Interconnections**

- Ø 3.5 mm stereo headphone jack
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

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**Technical Specifications**

**Electrical**

Max. consumption ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

**Interface data**

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

**Mechanical**

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

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**Ordering Information**

HCS-4865CS\_B/50 ..... Fully Digital Congress System Chairman  
 Unit (tabletop, metal straight stem  
 microphone, 64 CHs, black)

## HCS-4865DS/50 Discussion Unit with Channel Selection



### Features

- **Elegant and ergonomic design**
- **Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints**
- **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 and SI information display**
- **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 and 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.

### 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
- 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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**

- Uni-directional electret condenser microphone
- Built-in channel selector consists with up/down channel select buttons and SI information display
- Headphone volume up and down
- Microphone On/Off button with indicator

**Interconnections**

- Ø 3.5 mm stereo headphone jack
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

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**Technical Specifications**

**Electrical**

Max. consumption ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

**Interface data**

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

**Mechanical**

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

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**Ordering Information**

HCS-4865DS\_B/50 ..... Fully Digital Congress System Delegate Unit (tabletop, metal straight stem microphone, 64 CHs, black)



## HCS-4865C/50 Discussion Unit



### Features

- **Elegant and ergonomic design**
- **Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints**
- **Priority button**
- **Apply button**
- **“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)**

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-4865D/50 Delegate Unit, the HCS-4865C/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. The chairman unit can also be used to apply/cancel a request-to-speak and turn off all active microphones.

### 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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
- Key-press sign-in
- 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 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

- Uni-directional electret condenser microphone
- Microphone On/Off button with indicator
- Priority button with indicator
- Apply button with indicator

**Interconnections**

- 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 ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

**Interface data**

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

**Mechanical**

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

**Ordering Information**

HCS-4865C\_B/50 ..... Fully Digital Congress System  
 Chairman Unit (tabletop, metal  
 straight stem microphone, black)

## HCS-4865D/50 Discussion Unit



### Features

- **Elegant and ergonomic design**
- **Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints**
- **“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)**

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 and listening. Excellent immunity to RF interference from mobile phones.

### 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
- 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)
- Metal straight stem microphone, the pitching angle of the microphone is adjustable at two joints
- 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
- 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

- Uni-directional electret condenser microphone
- Microphone On/Off button with indicator

**Interconnections**

- 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 ..... 1.8 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 ..... Supercardioid uni-directional

Operating voltage ..... 5 VDC

Sensitivity ..... -46 dBV/Pa

Frequency response ..... 50 Hz to 20 kHz

Input impedance ..... 2 kOhm

Directivity 0°/135° ..... > 20 dB (1 kHz)

Directivity 0°/180° ..... > 15 dB (1 kHz)

Equivalent noise ..... 20 dBA (SPL)

Maximum sound pressure level ..... 139 dB (THD<3%)

**Interface data**

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

**Mechanical**

Mounting ..... Tabletop

Dimensions (h x w x d) ..... 64 x 115 x 123 mm (base)

Stem length ..... 253 mm

Weight ..... 0.8 kg

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

**Ordering Information**

HCS-4865D\_B/50 ..... Fully Digital Congress System  
 Delegate Unit (tabletop, metal  
 straight stem microphone, black)