

## HCS-4338NCVS/50 Chairman Unit with Voting and Channel Selection



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Priority button
- Pluggable microphone
- 3 voting keys
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low 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 with a 30 Hz to 20 kHz frequency response
- Built-in channel selector consists of up/down channel select buttons and SI information display
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)
- Built-in multi-channel intercom facility

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-4338NDVS/50 Delegate Unit, the HCS-4338NCVS/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 in the system
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- 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 with a 30 Hz to 20 kHz frequency response
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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 consists with up/down channel select buttons and SI information display
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphone volume up and down
- Three voting keys with indicators
- 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 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel + black (PANTONE 419 C) base / Charcoal gray (PANTONE Cool Gray 11 C) panel + black (PANTONE 419 C) base

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

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**Ordering Information**

HCS-4338NCVS\_B/50... Fully Digital Congress System Chairman Unit (tabletop, 3 voting keys, 64 CHs, OLED, champagne panel + black base)

HCS-4338NCVS\_D/50... Fully Digital Congress System Chairman Unit (tabletop, 3 voting keys, 64 CHs, OLED, charcoal gray panel + black base)

## HCS-4338NDVS/50 Discussion Unit with Voting and Channel Selection



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Pluggable microphone
- 3 voting keys
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low 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 with a 30 Hz to 20 kHz frequency response
- Built-in channel selector consists of up/down channel select buttons and SI information display
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting “PnP” (plug and play)
- Built-in multi-channel intercom facility

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. 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
- 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 with a 30 Hz to 20 kHz frequency response
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting “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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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**

- Built-in channel selector consists with up/down channel select buttons and SI information display
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphone volume up and down
- Microphone On/Off button with indicator
- 3 voting keys with indicators
- "Request" button: the delegate can press the "Request" button to request to speak and his/her name will appear in the request list

**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

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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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel + black (PANTONE 419 C) base / Charcoal gray (PANTONE Cool Gray 11 C) panel + black (PANTONE 419 C) base

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

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**Ordering Information**

HCS-4338NDVS\_B/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 3 voting keys, 64 CHs, OLED, champagne panel + black base)

HCS-4338NDVS\_D/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 3 voting keys, 64 CHs, OLED, charcoal gray panel + black base)

## HCS-4338NDV/50 Discussion Unit with Voting



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Pluggable microphone
- 3 voting keys
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low consumption
- "Closed Loop - Daisy Chain" connection topology
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)
- Built-in multi-channel intercom facility

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. A graphic OLED screen can display operation menu. 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
- 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 recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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

- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphone volume up and down
- Microphone On/Off button with indicator
- 3 voting keys with indicators
- "Request" button: the delegate can press the "Request" button to request to speak and his/her name will appear in the request list

### 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 ..... 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel +  
black (PANTONE 419 C) base /  
Charcoal gray (PANTONE Cool Gray 11  
C) panel + black (PANTONE 419 C)  
base

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

**Ordering Information**

HCS-4338NDV\_B/50 ..... Fully Digital Congress System Delegate  
Unit (tabletop, 3 voting keys, OLED,  
champagne panel + black base)

HCS-4338NDV\_D/50 ..... Fully Digital Congress System Delegate  
Unit (tabletop, 3 voting keys, OLED,  
charcoal gray panel + black base)

## HCS-4338NCS/50 Chairman Unit with Channel Selection



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Priority button
- Pluggable microphone
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low 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 with a 30 Hz to 20 kHz frequency response
- Built-in channel selector consists of up/down channel select buttons and SI information display
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- 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-4338NDS/50 Delegate Unit, the HCS-4338NCS/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 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
- 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 with a 30 Hz to 20 kHz frequency response
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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 Channel number and language name
- Built-in channel selector consists with up/down channel select buttons and SI information display
- Uni-directional electret condenser microphone with two-color illuminated ring
- Headphone volume up and down
- 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 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel + black (PANTONE 419 C) base / Charcoal gray (PANTONE Cool Gray 11 C) panel + black (PANTONE 419 C) base

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

**Ordering Information**

HCS-4338NCS\_B/50 ..... Fully Digital Congress System Chairman Unit (tabletop, 64 CHs, OLED, champagne panel + black base)

HCS-4338NCS\_D/50 ..... Fully Digital Congress System Chairman Unit (tabletop, 64 CHs, OLED, charcoal gray panel + black base)



## HCS-4338NDS/50 Discussion Unit with Channel Selection



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Pluggable microphone
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low 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 with a 30 Hz to 20 kHz frequency response
- Built-in channel selector consists of up/down channel select buttons and SI information display
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- 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
- 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 with a 30 Hz to 20 kHz frequency response
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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**

- Built-in channel selector consists with up/down channel select buttons and SI information display
- 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 ..... 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel + black (PANTONE 419 C) base / Charcoal gray (PANTONE Cool Gray 11 C) panel + black (PANTONE 419 C) base

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

**Ordering Information**

HCS-4338NDS\_B/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 64 CHs, OLED, champagne panel + black base)

HCS-4338NDS\_D/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 64 CHs, OLED, charcoal gray panel + black base)

## HCS-4338NC/50 Chairman Unit



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Priority button
- Pluggable microphone
- "Closed Loop - Daisy Chain" connection topology
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)

The stylish and ergonomically designed chairman unit has 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-4338ND/50 Delegate Unit, the HCS-4338NC/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 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
- 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 recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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 with two-color illuminated ring
- Headphone volume up and down
- 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 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel +  
black (PANTONE 419 C) base /  
Charcoal gray (PANTONE Cool Gray 11  
C) panel + black (PANTONE 419 C)  
base

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

**Ordering Information**

HCS-4338NC\_B/50 ..... Fully Digital Congress System Chairman  
Unit (tabletop, champagne panel + black  
base)

HCS-4338NC\_D/50 ..... Fully Digital Congress System Chairman  
Unit (tabletop, charcoal gray panel +  
black base)

## HCS-4338ND/50 Discussion Unit



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Pluggable microphone
- "Closed Loop - Daisy Chain" connection topology
- Touch-key, no mechanical noise, long life, waterproof
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)

This delegate unit meets the basic demands of most conferences. It provides facilities for speaking, registering a request-to-speak and listening. 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
- 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 recovery facility, supporting "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
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
  - ◆ 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
- 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
- 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 ..... 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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel +  
black (PANTONE 419 C) base /  
Charcoal gray (PANTONE Cool Gray 11  
C) panel + black (PANTONE 419 C)  
base

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

**Ordering Information**

HCS-4338ND\_B/50... Fully Digital Congress System Delegate Unit  
(tabletop, champagne panel + black base)

HCS-4338ND\_D/50... Fully Digital Congress System Delegate Unit  
(tabletop, charcoal gray panel + black base)

## HCS-4338NDDS/50 Discussion Unit with Dual Channel Selection



### Features

- Stylish and ergonomic design
- Small size, light weight, economical and practical, easy to transport
- Connection cable routing from the bottom of the device, thus desktop cable opening is not visible
- Hi-Fi loudspeaker
- Pluggable microphone
- OLED screen, high contrast ratio, high brightness, wide viewing angles and low 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 with a 30 Hz to 20 kHz frequency response
- Built-in dual channel selectors consist of up/down channel select buttons and SI information display
- Touch-key, no mechanical noise, long life, waterproof
- 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
- Gain and EQ (5 band) of each microphone adjustable separately
- 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.

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
- 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 with a 30 Hz to 20 kHz frequency response
- 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 recovery facility, supporting "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 stand-alone operation:
  - ◆ 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**

- 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

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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 ..... 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 ..... Tabletop

Dimensions (h x w x d) (w/o stem mic.) ..... 73 x 101 x 133 mm

Weight (incl. stem microphone) ..... 1.0 kg

Color ..... Champagne (PANTONE 401 C) panel + black (PANTONE 419 C) base / Charcoal gray (PANTONE Cool Gray 11 C) panel + black (PANTONE 419 C) base

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

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**Ordering Information**

HCS-4338NDDS\_B/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 64 CHs, 2 channel selectors, dual predefined position, OLED, champagne panel + black base)

HCS-4338NDDS\_D/50 ..... Fully Digital Congress System Delegate Unit (tabletop, 64 CHs, 2 channel selectors, dual predefined position, OLED, charcoal gray panel + black base)