

## HCS-4331CB/20 Chairman Unit with Channel Selection



### Features

- Stylish and ergonomic design
- Hi-Fi loudspeaker
- Priority key
- Pluggable microphone
- Speech timer indicator
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 6-pin cable
- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Excellent immunity to RF interference from mobile phones
- Microphone sensitivity and EQ can be adjusted individually
- Built-in Compress and Limit function (adjustable)
- 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-4331DB/20 Delegate Unit, the HCS-4331CB/20 Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be temporarily or permanently switched off, allowing the chairman to take control of the meeting. The chairman unit can also be used to turn off all active microphones. Channel selection is automatically limited to the number of language channels available. The loudspeaker offers superior acoustics with minimal feedback, so increasing intelligibility.

### Functions

- Compliant to IEC 60914
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technology
- Audio signals processed by the high performance DSP, the sound quality is close to CD quality
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 6-pin cable (general cat. 5 cable substitutable)
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Automatic recovery facility, supporting "PnP" (plug and play)
- Microphone sensitivity and EQ can be adjusted individually
- 4 audio effect modes are prestored:  
NORMAL/PRESS/THEATER/PARLIAMENT
- Built-in Compress and Limit function (adjustable)
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone stem can be unplugged during adjournment, easy to maintain
- Hi-Fi loudspeaker, minimal feedback, automatically mutes when microphone is active
- Microphone On/Off button
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
  - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
  - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
  - ◆ "VOICE" mode, acoustic active sensitivity and automatic switch-off time can be adjusted continuously, built-in "flash-on" technology, immediate microphone activation on speaking.
  - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
  - ◆ "DAIS" mode, chairman unit with control facility is always active in this mode
  - ◆ Simultaneous interpretation
- Automatic video tracking, when cooperating with camera and video switcher unit
- Can be activated at any time
- Priority key can switch off or mute the speaking units according to preset
- Approves/denies all delegates' speaking request
- System supports up to 100 chairman units, while only 1 chairman unit has the control facilities listed above (set by software)

**Controls and Indicators**

- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Speech timer indicator
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Headphones volume up and down
- Microphone On/Off button with indicator
- Priority key

**Interconnections**

- Socket for pluggable microphone
- 2 × Ø 3.5 mm stereo headphone jack
- 2.1 m cable with 6P-DIN plug
- 6P-DIN socket

**Technical Specifications**

**Electrical**

**Headphone connection**

Frequency response .....40 Hz to 16 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 dBA at 680 Ohm (0 dB = 1 V/Pa at 1 kHz)  
 Frequency response .....30 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 × Ø 3.5 mm stereo jack for headphone

**Mechanical**

Mounting .....Tabletop mounting  
 Dimensions (h x w x d) (w/o Mic.) .....61 x 156 x 125 mm  
 Weight .....0.74 kg  
 Color .....Gray/Silver

**Ordering Information**

HCS-4331CB/20... Fully Digital Conference System Chairman Unit  
 (tabletop, 64 CHs, speech timer, gray)  
 HCS-4330CB\_S/20... Fully Digital Conference System Chairman Unit  
 (tabletop, 64 CHs, speech timer, silver)

## HCS-4331DB/20 Discussion Unit with Channel Selection



### Features

- Flush-mounting, stylish and ergonomic design
- Hi-Fi loudspeaker
- Pluggable microphone
- Speech timer indicator
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 6-pin cable
- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Excellent immunity to RF interference from mobile phones
- Microphone sensitivity and EQ can be adjusted individually
- Built-in Compress and Limit function (adjustable)
- 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. It has excellent immunity to RF interference from mobile phones. It features a channel selector, the channel selection is automatically limited to the number of language channels available. The loudspeaker offers superior acoustics with minimal feedback, so increasing intelligibility.

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- Microphone On/Off button
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
  - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
  - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
  - ◆ "VOICE" mode, acoustic active sensitivity and automatic switch-off time can be adjusted continuously, built-in "flash-on" technology, immediate microphone activation on speaking.
  - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
  - ◆ "DAIS" mode, chairman unit with control facility is always active in this mode
  - ◆ Simultaneous interpretation
- Automatic video tracking, when cooperating with camera and video switcher unit
- Set any delegate unit to be VIP unit
  - ◆ VIP unit can be activated as long as the total of active microphones is not beyond 6. Up to 32 units can be set as VIP in one system

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- Headphones volume up and down
- Microphone On/Off button with indicator
- Speech timer indicator

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