

HCS-4335D/50 Discussion Unit with Dual Channel Selection



Features

- Stylish and ergonomic design
 - Hi-Fi loudspeaker
 - Pluggable microphone
 - "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 frequency response of 30 Hz to 20 kHz
 - Built-in dual channel selectors consist of up/down channel select buttons and 2-digit channel indicator displays
 - The microphone button provides 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 button provides dual delegate identification, used for individual delegate identification on the left and right. Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.
- 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 frequency response of 30 Hz to 20 kHz
 - The microphone button provides dual delegate identification, used for individual delegate identification on the left and right respectively and easy for automatic video tracking
 - Integrated 80 Hz (18 dB/octave) 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
 - 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
 - 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)

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

Controls and Indicators

- Built-in two channel selectors consist of up/down channel select buttons and 2-digit channel indicator displays
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Headphones volume up and down
- Two microphone On/Off buttons

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

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 mounting

Dimensions (h x w x d) (w/o stem mic.)..... 61 x 156 x 125 mm

Weight (incl. stem microphone)..... 0.74 kg

Color..... Charcoal gray / Silver

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

Ordering Information

HCS-4335D_G/50..... Fully Digital Congress System Delegate Unit
(tabletop, 64 CHs, 2 channel selectors, dual
IDs, charcoal gray)

HCS-4335D_S/50..... Fully Digital Congress System Delegate Unit
(tabletop, 64 CHs, 2 channel selectors, dual
IDs, silver)