

HCS-8635C Compact Multimedia Congress Terminal



Features

- Stylish and ergonomic design
- Equipped with a 10" TFT LCD, 1280×800 high-resolution
- Supporting SDI high definition digital video display
- With video format converter/processor, more video signal (HDMI, VGA, CVBS, DVI, etc.) can be supported
- Transmitting video signal on a coaxial-cable, latency < 30 us
- "Closed Loop - Daisy Chain" connection topology
- Supports 48 kHz audio sampling, 64 audio channels, each with a 20 Hz to 20 kHz frequency response for perfect sound quality
- Based on TAIDEN originated MCA-STREAM (Multi_Channel_Audio STREAM) digital processing and transmitting technologies
- Priority button
- Transmitting up to 64 CHs high quality digital audio signals
- Excellent immunity to RF interferences from mobile phones
- Supporting "PnP" (plug and play)
- Built-in contactless IC-Card slot
- Braille indicators for visually impaired

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 interferences from mobile phones. Similar in appearance to HCS-8635D Delegate Unit, the HCS-8635C 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 start or stop voting and turn off all active microphones. Channel selection is automatically limited to the number of language channels available.

Loudspeaker with superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to ISO 22259
- Equipped with a 10" TFT LCD, 1280×800 high-resolution
- Supporting SDI high definition digital video display
- With video format converter/processor, more video signal (HDMI, VGA, CVBS, DVI, etc.) can be supported
- Transmitting video signal on a coaxial-cable, latency < 30 us
- "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
- Supports 48 kHz audio sampling, 64 audio channels, each with a 20 Hz to 20 kHz frequency response for perfect sound quality
- Based on TAIDEN originated MCA-STREAM digital audio technology
- Adopted fully digital audio transmitting technology between the congress units, and between the congress units and the main units
- 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 recovery facility, supporting "PnP" (plug and play)
- Mini-microphone, built-in foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Built-in Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Excellent immunity to RF interferences from mobile phones and comparable devices
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Built-in contactless IC-Card slot to place the IC card, while automatically logout once the card is taken out from the slot
- Braille is present for all physical buttons
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Facilities in stand-alone operation:
 - ◆ Set the number of delegates permitted to speak at the same time
 - ◆ Speak mode: Open/Override/Voice/Request/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
 - "Request" 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
- Multiform voting in combination with the corresponding software

- Automatic video tracking implementation when cooperating with cameras and video switcher unit; preset positions on PC
- Short messages reader
- Chairman unit: features all delegate functions, additionally:
 - ◆ Activation at any time (if the number of active microphones in the system is less than 8)
 - ◆ Priority button to switch off or to mute the delegate units (except VIP units) according to preset
 - ◆ Approves/denies delegate speaking request(s) without PC
 - ◆ Controls voting start and stop
- 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 10" TFT LCD
- Channel select buttons
- Headphones volume up and down
- Three voting buttons with indicators
- Microphone On/Off button with indicator
- Priority button with indicator

Interconnections

- 2 × Ø 3.5 mm stereo headphone jack with volume control
- SDI input
- SDI output
- 2 × RJ45 socket for daisy chain connection (recommended use of cat5e cable with a drain wire & RJ45 plug with metal shield)

Technical Specifications

Electrical

Max. consumption8 W

LCD

TypeTrue color TFT LCD

Dimension10 inches, 16:10

Resolution1280×800

Display color2¹⁸ (18 bit)

Contrast500:1

Headphone connection

Frequency response20 Hz to 20 kHz

Earphone load impedance>16 Ohm

Earphone output13 mW

Interface data

Connector.....2 × Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting.....Tabletop

Dimensions (h × w × d) (w/o microphone)155 ×360 × 110 mm

Weight (incl. microphone).....1.7 kg

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

Ordering Information

HCS-8635CE_B.....Compact Multimedia Congress Terminal
(tabletop, chairman unit, 10" 1280×800 LCD, speech, voting, 64 CHs, HD video display, SDI input and loop output, built-in contactless IC-Card reader, Braille, black, stem microphone to be ordered separately)