

## HCS-8635D 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
- 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 (HCS-8335D)
- Braille indicators for visually impaired

The delegate unit meets the demands of even the largest conferences. It provides facilities for speaking, listening, voting and selecting language channels and offers excellent immunity to RF interferences from mobile phones. It features two channel selectors with automatic limitation 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)
- 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
- Multifunction 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
- 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 the MU limitation (incl. chairman/delegate/VIP 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

**Interconnections**

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

**Technical Specifications**

**Electrical**

Contrast.....500:1  
 Max. consumption.....8 W

**LCD**

Type.....True color TFT LCD  
 Dimension.....10 inches, 16:10  
 Resolution.....1280x800  
 Display color.....2<sup>18</sup> (18 bit)

**Headphone connection**

Frequency response.....20 Hz to 20 kHz  
 Earphone load impedance.....>16 Ohm  
 Earphone output.....13 mW

**Interface data**

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

**Mechanical**

Mounting.....Tabletop  
 Dimensions (h x w x d) (w/o microphone) .....155 x360 x 110 mm  
 Weight (incl. microphone).....1.7 kg  
 Weight (incl. stem microphone).....2.8 kg  
 Color.....Black (PANTONE 419 C)

**Ordering Information**

HCS-8635DE\_B.....Compact Multimedia Congress Terminal (tabletop, delegate unit, 10" 1280x800 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)