

## HCS-4341HD/50 Discussion Unit



### Features

- Flush-mounting, stylish and ergonomic design
- Handheld microphone available for flush-mounting in tabletops, on top or at the front, or in armrests of seats
- Supporting 48 kHz audio sampling rate
- 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 and registering a request-to-speak.

### Functions

- Compliant to IEC 60914
- 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 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)
- Handheld microphone available for flush-mounting in tabletops, on top or at the front, or in armrests of seats
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone On/Off buttons on handheld microphone
- 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 illuminated ring (red)
- A microphone On/Off button on handheld microphone

### Interconnections

- Handheld microphone with 2.0 m cable
- 6P mini DIN socket: connect with HCS-4340HDA/50 (Multi-function Connector)

### Technical Specifications

#### Electrical

Frequency response	30 Hz to 20 kHz
<b>Recommended microphone type</b>	
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%)

#### Mechanical

Mounting	Flush-mounting
Dimensions (h x w x d) (w/o handheld mic.)	143 x 40 x 40 mm
Weight	110 g
Color	Black

### Ordering Information

HCS-4341HD/50 Fully Digital Congress System Delegate Unit  
(flush-mounting, HCS-4340HDA/50 needed, black, handheld microphone)