HCS-5300DE_G/80
Wireless Delegate Unit with Voting and Channel Selection

Features

- **Table, stylish and ergonomic design**
- **Wireless unit, easy setup and removal**
- **Hi-Fi loudspeaker**
- **System controls up to 1000 contribution units**
- **5 voting keys**
- **Transmitting up to 8 CHs high quality digital audio signals**
- **Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display**
- **Broadcast standard microphone and digital infrared audio processing and transmitting technologies ensure 80 Hz to 20 kHz perfect sound quality, extremely low distortion factor**
- **Digital infrared transmission technology guarantees privacy, no worries about eavesdropping and radio interference, no radiation, no radio frequency license needed**
- **Excellent immunity to RF interference from HF-driven lighting and mobile phones**
- **Microphone sensitivity and EQ individually adjustable**

The multi-functional wireless delegate unit meets the demands of even the largest conferences and provides facilities for speaking, listening, voting and selecting language channels. It has excellent immunity to RF interference from mobile phones and features a channel selector and a headphone connection. Channel selection is automatically limited to the number of language channels available. The loudspeaker offers superior acoustics with minimal feedback, for enhanced intelligibility.

Separate rechargeable Lithium battery packs can be removed and replaced in a matter of seconds, providing maximum flexibility in recharge scheduling.

Functions

- Compliant with ISO 22259
- Based on TAIDEN originated dirATC-digital infrared Audio Transmitting and Control technologies
- Infrared transmitting carrier frequency conforms to IEC 61603-7, DQPSK digital modulation/demodulation technology
- System controls up to 1000 contribution units
- Transmitting up to 1+7 CHs high quality digital audio signals
- Cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Broadcast standard microphone and digital infrared audio processing and transmitting technologies ensure 80 Hz to 20 kHz perfect sound quality, extremely low distortion factor
- Digital infrared transmission technology guarantees privacy, no worries about eavesdropping and radio interference, no radiation, no radio frequency license needed
- Excellent immunity to RF interference from HF-driven light and mobile phones
- Equipped with 5PIN microphone socket, stem microphone ordered separately, suitable for MS5* and MS**E type stem microphone
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button, 5 voting keys
- Built-in channel selector (operable only when earphone is inserted)
- Microphone sensitivity and EQ individually adjustable
- System implements the following facilities when operated in stand-alone mode:
  - “ACTIVE MICS”, set the number of delegates permitted to speak at the same time (1/2/3/4)
  - “OPEN” mode, if Mic. active limit has been reached, next microphone cannot be turned on when pressing “Mic. On/Off” button
  - “OVERRIDE” mode, if Mic. active limit has been reached, when pressing “Mic. On/Off” button, next microphone is turned on and the first active microphone is turned off
  - “VOICE” mode, Mic. sensitivity and close time adjustable, built-in “Flash-on” technology for quick voice control
  - Simultaneous interpretation
- System supports "Request" mode when connected to computer. The delegate unit will enter into application state by pressing the speech button, and can speak after approval. If it does not reach the Mic. active limit, the chairman/VIP unit microphone can be turned on directly
- In combination with the corresponding software, multiform voting can be implemented:
  - Parliamentary: YES/NO/ABSTAIN
  - Questionnaire: 1/2/3/4/5
  - Audience response: --/-/0/+/++
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit

- Cooperate with HCS-5300BAT rechargeable Lithium battery operation duration: 14.4 hours when microphone is continuously on; 48 hours when microphone is off

Controls and Indicators

- Graphic 64×48 LCD with back-lighting for displaying channel number, language name, battery capacity, and signal icon
- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Charging indicator
- Fully charged indicator
- Power switch
- Headphone volume control button
- Five voting keys with indicators
- Microphone On/Off button with indicator

Interconnections

- 5PIN socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Power adapter interface

Technical Specifications

Electrical

Headphone connection

Frequency response	80 Hz to 20 kHz (-3 dB)
Headphone load impedance	≥16 Ohm
Headphone output	10 mW

Interface data

Connector	Ø 3.5 mm stereo jack for headphone

Operation time of battery pack

When mic. is continuously on	Approx. 14.4 hours
When mic. is off	Approx. 48 hours

Mechanical

Mounting	Tabletop
Dimensions (h x w x d)	73 x 184 x 134 mm
Weight	
Excl. battery	0.5 kg
Incl. battery	0.8 kg
Color	Charcoal gray (PANTONE Cool Gray 11C)

HCS-5300DE_G/80	Digital IR Wireless Delegate Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray, excl. battery, stem microphone to be ordered separately)