

## HCS-5301D/80 Wireless Discussion Unit with Dual Channel Selection



### Features

- Table, stylish and ergonomic design
- Wireless unit, easy setup and removal
- Hi-Fi loudspeaker
- Pluggable microphone
- System controls up to 1000 contribution units
- Transmitting up to 8 CHs high quality digital audio signals
- Built-in dual channel selectors consist of up/down channel select keys and 2-digit channel indicator display
- The microphone on/off buttons provide dual delegate identification, used for individual delegate identification on the left and right respectively and easy for automatic video tracking
- Can be used as a dual delegate unit
- Broadcast standard microphone and digital infrared audio processing and transmitting technologies ensure 20 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
- Built-in rechargeable Lithium battery pack

The multi-functional wireless delegate unit can be used by two delegates. It provides facilities for speaking, listening and selecting language channels and has excellent immunity to RF interference from mobile phones. It features two separate headphone connections with individual volume control, two separate microphone on/off buttons and two separate channel selectors on both sides of the unit, allowing one unit to serve two delegates. 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 IEC 60914
- 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 8 CHs high quality digital audio signals
- 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 20 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
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Hi-Fi loudspeaker, minimal feedback
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- With two separate microphone on/off buttons for individual microphone control and individual delegate identification
- Can be used as a dual delegate unit
- Built-in dual channel selectors (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
- Automatic video tracking, when cooperating with camera and video switcher unit

- Built-in rechargeable Lithium battery operation duration: 14.4 hours when microphone is continuously on; 48 hours when microphone is off

**Controls and Indicators**

- Two graphic 64×48 LCDs with back-lighting for channel number, language name, battery capacity and signal icon
- Built-in two channel selectors consist of up/down channel select keys and 2-digit channel indicator display
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Power switch
- Two headphone volume control buttons
- Two microphone On/Off buttons with indicator

**Interconnections**

- Socket for pluggable microphone
- 2 × Ø 3.5 mm stereo headphone jack
- Power adapter interface

**Technical Specifications**

**Electrical**

**Headphone connection**

Frequency response.....20 Hz to 20 kHz (-3dB)  
 Headphone load impedance.....≥16 Ohm × 2  
 Headphone output.....10 mW

**Microphone**

Transducer.....Electret-condenser  
 Polar pattern.....Uni-directional  
 Sensitivity.....-46 dBV/Pa  
 Frequency response.....30 Hz to 20 kHz  
 Directionality 0°/180°.....>20 dB (1 kHz)  
 Equivalent noise.....20 dBA (SPL)  
 Max.SPL.....125 dB (THD<3%)

**Interface data**

Connector.....2 x 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) (w/o Mic.).....73 x 184 x 134 mm  
 Weight  
 Excl. battery.....0.5 kg  
 Incl. battery.....0.8 kg  
 Color.....Silver (PANTONE 428C) / Charcoal gray (PANTONE Cool Gray 11C)

**Ordering Information**

HCS-5301D\_S/80.....Digital IR Wireless Delegate Unit (discussion, 1+7 CHs, 2 channel selectors, dual predefined position, silver, excl. battery)  
 HCS-5301D\_G/80.....Digital IR Wireless Delegate Unit (discussion, 1+7 CHs, 2 channel selectors, dual predefined position, charcoal gray, excl. battery)