

HCS-5302D/80 Wireless Discussion Unit



Features

- Table, stylish and ergonomic design
- Wireless unit, easy setup and removal
- Hi-Fi loudspeaker
- Pluggable microphone
- System controls up to 1000 contribution units
- 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

This wireless delegate unit meets the basic demands of most conferences. It provides facilities for speaking and listening and has excellent immunity to RF interference from mobile phones. 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
- 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
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- 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

- Graphic 64×48 LCD with back-lighting for displaying battery capacity, signal icon and emission angle icon
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Power switch
- Headphone volume control button
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- 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.....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-5302D_S/80.....Digital IR Wireless Delegate Unit
 (discussion, silver, excl. battery)
 HCS-5302D_G/80.....Digital IR Wireless Delegate Unit
 (discussion, charcoal gray, excl. battery)

Conference Units Function list

Type No.	Status	Discussion	Sign-in	Voting	Simultaneous interpretation
HCS-5300CE/80	chairman	√	√	√	1+7 CHs
HCS-5300DE/80	delegate	√	√	√	1+7 CHs
HCS-5301D/80	delegate	√			(1+7 CHs)×2
HCS-5302C/80	chairman	√			
HCS-5302D/80	delegate	√			