

## **HCS-5300CE**

### **Wireless Chairman Unit with Voting and Channel Selection**



#### **Features**

- **Table, stylish and ergonomic design**
- **Wireless unit, easy setup and removal**
- **Hi-Fi loudspeaker**
- **Priority button**
- **Pluggable microphone**
- **System controls up to 1000 contribution units**
- **5 voting keys**
- **Transmitting up to 4 CHs high quality digital audio signals**
- **Vertical emission angle selectable via LCD menu**
- **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 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**
- **Adopts 2~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones**
- **Microphone sensitivity and EQ can be adjusted individually**
- **Built-in rechargeable Lithium battery pack**

The stylish and ergonomically designed chairman unit has all the necessary facilities to enable the user to chair a conference. Similar in appearance and function to HCS-5300DE Delegate Unit, the HCS-5300CE Chairman Unit includes an extra microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting. Separate rechargeable Lithium battery packs can be removed and replaced in a matter of seconds, providing maximum flexibility in recharge scheduling.

#### **Functions**

- Compliant to 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 4 CHs high quality digital audio signals
- Vertical emission angle selectable via LCD menu
- 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 ~ 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
- Adopts 2~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active
- Two Ø 3.5 mm stereo headphone jacks for headphones with controllable volume independently
- Microphone On/Off button, 5 voting keys
- Built-in channel selector
  - ◆ Channel selector is operable only when earphone is inserted, built-in speaker will mute automatically on earphone insertion
- Microphone sensitivity and EQ can be adjusted individually
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "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 can be turned on and the first active microphone will be turned off
  - ◆ Simultaneous interpretation
- In combination with the corresponding software modules, 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
- Can be activated at any time provided that the total number of active microphones (including the active microphone of the chairman) is within the maximum of 4 active microphones allowed by the system
- Priority button can switch off or mute the speaking units according to preset

- System supports up to 20 chairman units, while only 1 chairman unit has the control facilities listed above
- 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 96×64 LCD with back-lighting for displaying channel number, language name, battery capacity, signal icon and emission angle icon
- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Charging indicator
- Fully charged indicator
- Power switch
- Two headphone volume control buttons
- Five voting keys with indicators
- Microphone On/Off button with indicator
- Priority button

### Interconnections

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

### Mechanical

Mounting.....	Tabletop
Dimensions (h x w x d) (w/o Mic.).....	68 x 180 x 132 mm
Weight	
Excl. battery.....	0.46 kg
Incl. battery.....	0.78 kg
Color.....	Silver/ Charcoal gray

### Ordering Information

HCS-5300CE_S.....	Digital IR Wireless Chairman Unit (5 voting keys, 1+3 CHs, silver)
HCS-5300CE_G.....	Digital IR Wireless Chairman Unit (5 voting keys, 1+3 CHs, charcoal gray)

## 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.....	50 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	
Not omnidirectional.....	Approx. 14.4 hours
Omnidirectional.....	Approx. 10 hours
When mic. is off.....	Approx. 48 hours
15% mic. on + 85% mic. off.....	Approx. 36 hours

## **HCS-5300DE**

### **Wireless Discussion Unit with Voting and Channel Selection**



#### **Features**

- **Table, stylish and ergonomic design**
- **Wireless unit, easy setup and removal**
- **Vertical acceptance/emission angle selectable**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **System controls up to 1000 contribution units**
- **5 voting keys**
- **Transmitting up to 4 CHs high quality digital audio signals**
- **Vertical emission angle selectable via LCD menu**
- **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 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 can be adjusted individually**
- **Built-in rechargeable Lithium battery pack**

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 two headphone connections. 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 to 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 4 CHs high quality digital audio signals
- Vertical emission angle selectable via LCD menu
- 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 ~ 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, mutes automatically when microphone is active
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- Microphone On/Off button, 5 voting keys
- Built-in channel selector
  - ◆ Channel selector is operable only when earphone is inserted, built-in speaker will mute automatically on earphone insertion
- Microphone sensitivity and EQ can be adjusted individually
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "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 can be turned on and the first active microphone will be turned off
  - ◆ Simultaneous interpretation
- In combination with the corresponding software modules, 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
- 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 96×64 LCD with back-lighting for displaying channel number, language name, battery capacity, signal icon and emission angle icon
- Built-in channel selector consists of up/down channel select keys and 2-digit channel indicator display
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Charging indicator
- Fully charged indicator
- Power switch
- Two headphone volume control buttons
- Five voting keys with indicators
- Microphone On/Off button 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.....50 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  
     Not omnidirectional.....Approx. 14.4 hours  
     Omnidirectional.....Approx. 10 hours  
 When mic. is off.....Approx. 48 hours  
 15% mic. on + 85% mic. off.....Approx. 36 hours

### Mechanical

Mounting.....Tabletop  
 Dimensions (h x w x d) (w/o Mic.).....68 x 180 x 132 mm  
 Weight  
     Excl. battery.....0.46 kg  
     Incl. battery.....0.78 kg  
 Color .....Silver/ Charcoal gray

## Ordering Information

HCS-5300DE\_S.....Digital IR Wireless Delegate Unit  
 (5 voting keys, 1+3 CHs, silver)  
 HCS-5300DE\_G.....Digital IR Wireless Delegate Unit  
 (5 voting keys, 1+3 CHs, charcoal gray)

## **HCS-5301D**

### **Wireless Discussion Unit with Dual Channel Selection**



#### **Features**

- Table, stylish and ergonomic design
- Wireless unit, easy setup and removal
- Vertical acceptance/emission angle selectable
- Hi-Fi loudspeaker
- Pluggable microphone
- System controls up to 1000 contribution units
- Transmitting up to 4 CHs high quality digital audio signals
- Vertical emission angle selectable via LCD menu
- 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 can be adjusted individually
- 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 to 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 4 CHs high quality digital audio signals
- Vertical emission angle selectable via LCD menu
- 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 ~ 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, mutes automatically when microphone is active
- 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
  - ◆ Channel selector is operable only when earphone is inserted, built-in speaker will mute automatically on earphone insertion
- Microphone sensitivity and EQ can be adjusted individually
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "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 can be turned on and the first active microphone will be turned off
  - ◆ 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 96×64 LCDs with back-lighting for channel number, language name, battery capacity, signal icon and emission angle 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 (blue/red)
- 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.....50 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  
     Not omnidirectional.....Approx. 14.4 hours  
     Omnidirectional.....Approx. 10 hours  
 When mic. is off.....Approx. 48 hours  
 15% mic. on + 85% mic. off.....Approx. 36 hours

### Mechanical

Mounting.....Tabletop  
 Dimensions (h x w x d) (w/o Mic.).....68 x 180 x 132 mm  
 Weight  
     Excl. battery.....0.46 kg  
     Incl. battery.....0.78 kg  
 Color.....Silver/ Charcoal gray

## Ordering Information

HCS-5301D\_S.....Digital IR Wireless Delegate Unit  
 (1+3 CHs, 2 channel selectors,  
 dual ID, silver)  
 HCS-5301D\_G.....Digital IR Wireless Delegate Unit  
 (1+3 CHs, 2 channel selectors,  
 dual ID, charcoal gray)



## HCS-5302C Wireless Chairman Unit



### Features

- Table, stylish and ergonomic design
- Wireless unit, easy setup and removal
- Vertical acceptance/emission angle selectable
- Hi-Fi loudspeaker
- Priority button
- Pluggable microphone
- System controls up to 1000 contribution units
- Vertical emission angle selectable via LCD menu
- 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 can be adjusted individually
- Built-in rechargeable Lithium battery pack

The stylish and ergonomically designed chairman unit has all the necessary facilities to enable the user to chair a conference. Similar in appearance and function to HCS-5302D Delegate Unit, the HCS-5302C Chairman Unit includes an extra microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting. Separate rechargeable Lithium battery packs can be removed and replaced in a matter of seconds, providing maximum flexibility in recharge scheduling.

### Functions

- Compliant to 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
- Vertical emission angle selectable via LCD menu
- 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 ~ 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, mutes automatically when microphone is active
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- Microphone On/Off button
- Microphone sensitivity and EQ can be adjusted individually
- System when operated in stand-alone mode can implement the following facilities:
  - ♦ "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 can be turned on and the first active microphone will be turned off
- Automatic video tracking, when cooperating with camera and video switcher unit
- Can be activated at any time provided that the total number of active microphones (including the active microphone of the chairman) is within the maximum of 4 active microphones allowed by the system
- Priority button can switch off or mute the speaking units according to preset
- System supports up to 20 chairman units, while only 1 chairman unit has the control facilities listed above
- 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 96×64 LCD with back-lighting for displaying battery capacity, signal icon and emission angle icon
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Charging indicator

- Fully charged indicator
- Power switch
- Two headphone volume control buttons
- Microphone On/Off button with indicator
- Priority button

## 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 .....  $\geq 16 \text{ Ohm} \times 2$   
 Headphone output ..... 10 mW

#### Microphone

Transducer ..... Electret-condenser  
 Polar pattern ..... Uni-directional  
 Sensitivity ..... -46 dBV/Pa  
 Frequency response ..... 50 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

Not omnidirectional ..... Approx. 14.4 hours  
 Omnidirectional ..... Approx. 10 hours

When mic. is off ..... Approx. 48 hours

15% mic. on + 85% mic. off ..... Approx. 36 hours

### Mechanical

Mounting ..... Tabletop  
 Dimensions (h x w x d) (w/o Mic.) ..... 68 x 180 x 132 mm  
 Weight  
     Excl. battery ..... 0.46 kg  
     Incl. battery ..... 0.78 kg  
 Color ..... Silver/ Charcoal gray

---

## Ordering Information

HCS-5302C\_S ..... Digital IR Wireless Chairman Unit (silver)

HCS-5302C\_G ..... Digital IR Wireless Chairman Unit (charcoal gray)



## **HCS-5302D Wireless Discussion Unit**



### **Features**

- **Table, stylish and ergonomic design**
- **Wireless unit, easy setup and removal**
- **Vertical acceptance/emission angle selectable**
- **Hi-Fi loudspeaker**
- **Pluggable microphone**
- **System controls up to 1000 contribution units**
- **Vertical emission angle selectable via LCD menu**
- **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 can be adjusted individually**
- **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 to 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
- Vertical emission angle selectable via LCD menu
- 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 ~ 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, mutes automatically when microphone is active
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- Microphone On/Off button
- Microphone sensitivity and EQ can be adjusted individually
- System when operated in stand-alone mode can implement the following facilities:
  - ♦ “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 can be turned on and the first active microphone will be turned off
- 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 96×64 LCD with back-lighting for displaying battery capacity, signal icon and emission angle icon
- Uni-directional electret condenser microphone with two-color illuminated ring (blue/red)
- Charging indicator
- Fully charged indicator
- Power switch
- Two headphone volume control buttons
- Microphone On/Off button 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.....50 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  
 Not omnidirectional.....Approx. 14.4 hours  
 Omnidirectional.....Approx. 10 hours  
 When mic. is off.....Approx. 48 hours  
 15% mic. on + 85% mic. off.....Approx. 36 hours

### Mechanical

Mounting.....Tabletop  
 Dimensions (h x w x d) (w/o Mic.).....68 x 180 x 132 mm  
 Weight  
 Excl. battery.....0.46 kg  
 Incl. battery.....0.78 kg  
 Color.....Silver/ Charcoal gray

## Ordering Information

HCS-5302D\_S.....Digital IR Wireless Delegate Unit (silver)

HCS-5302D\_G.....Digital IR Wireless Delegate Unit (charcoal gray)

## Conference Units Function list

Type No.	Status	Discussion	Sign-in	Voting	Simultaneous interpretation
HCS-5300CE	chairman	√	√	√	1+3 CHs
HCS-5300DE	delegate	√	√	√	1+3 CHs
HCS-5301D	delegate	√			(1+3 CHs)×2
HCS-5302C	chairman	√			
HCS-5302D	delegate	√			

## HCS-5300HS Digital IR Wireless Headset



### Features

- Used with HCS-5300HT
- Digital infrared wireless transmission
- Max. emission distance: 6 m
- Emission angle: Straight up  $\pm 45^\circ$
- Frequency response of microphone: 50 Hz~20 kHz
- Sensitivity of microphone: -46 dBV/Pa
- Connector: 5PIN MINI male plug with self-locking

### Ordering Information

HCS-5300HS.....Digital IR Wireless Headset

## HCS-5300HT Portable Digital IR Transmitter



### Features

- Used with HCS-5300HS
- Digital infrared wireless transmission
- Lithium battery: 7.4 V DC, 2200 mAh
- Operation time of battery pack: approx. 8 hours
- Connector: 5PIN MINI male plug with self-locking
- LED indicators:
  - ◆ Power indicator
  - ◆ Two-color indicator (blue: fully charged; red: charging)
- Dimensions (h x w x d): 103×76×33 mm
- Color: black

### Ordering Information

HCS-5300HT.....Portable Digital IR Transmitter

## HCS-5300HT/CHG Digital IR Receiver Charging Base



### Features

- Mains voltage: 15 V DC (HCS-ADP15V power adapter)
- Power consumption: 15 W
- Charging Time: approx. 2 hours
- Charging Capacity: 1 HCS-5300HT
- LED indicator: power indicator
- Dimensions (h x w x d): 57×108×82 mm
- Weight: 0.2 kg
- Color: black

### Ordering Information

HCS-5300HT/CHG.....Digital IR Receiver Charging Base