

HCS-5300CE/80 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 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**
- **Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones**
- **Microphone sensitivity and EQ individually adjustable**

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/80 Delegate Unit, the HCS-5300CE/80 Chairman Unit includes an extra microphone priority button. When pressed, the priority button causes all currently active 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 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
- Adopts 1~8 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
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- 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
- Activatable 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 to switch off or to 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
- 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 64x48 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
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Power switch
- Headphone volume control button
- Five voting keys with indicators
- Microphone On/Off button with indicator
- Priority button

Interconnections

- 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 (-3dB)
 Headphone load impedance.....≥16 Ohm x 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-5300CE_S/80.....Digital IR Wireless Chairman Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, silver, excl. battery)
 HCS-5300CE_G/80.....Digital IR Wireless Chairman Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray, excl. battery)

HCS-5300DE/80 Wireless Discussion Unit with Voting and 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**
- **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
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- 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
- 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 64x48 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
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Power switch
- Headphone volume control button
- Five voting keys with indicators
- 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.....80 Hz to 20 kHz (-3 dB)
 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-5300DE_S/80.....Digital IR Wireless Delegate Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, silver, excl. battery)
 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)

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 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 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 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
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- 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

- Two graphic 64x48 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 x Ø 3.5 mm stereo headphone jack
- Power adapter interface

Technical Specifications

Electrical

Headphone connection

Frequency response.....80 Hz to 20 kHz (-3dB)
 Headphone load impedance.....≥16 Ohm x 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
 ColorSilver (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, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, silver, excl. battery)
HCS-5301D_G/80.....	Digital IR Wireless Delegate Unit (discussion, 1+7 CHs, 2 channel selectors, dual predefined position, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray, excl. battery)

HCS-5302C/80 Wireless Chairman Unit



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**
- **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 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 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 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
- 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
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- Activatable 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 to switch off or to 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
- 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 64x48 LCD with back-lighting for displaying battery capacity and signal 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
- Priority button

Interconnections

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

Ordering Information

HCS-5302C_S/80	Digital IR Wireless Chairman Unit (discussion, silver, excl. battery)
HCS-5302C_G/80	Digital IR Wireless Chairman Unit (discussion, charcoal gray, excl. battery)

Technical Specifications

Electrical

Headphone connection

Frequency response.....	80 Hz to 20 kHz (-3dB)
Headphone load impedance.....	≥16 Ohm x 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
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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)

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 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

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 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
- 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
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- 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 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.....80 Hz to 20 kHz (-3dB)
 Headphone load impedance.....≥16 Ohm x 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)x2
HCS-5302C/80	chairman	√			
HCS-5302D/80	delegate	√			

HCS-5380CVS Wireless Chairman Unit with Voting and Channel Selection



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ Audience response: -/0/+
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Three voting keys
- Microphone On/Off button with indicator
- Priority button

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength.....870 nm

Modulation method.....DQPSK

Carrier frequency.....1~8 MHz

Reception/emission angle.....vertical: 125° , horizontal: 120°

Frequency response.....80 Hz to 20 kHz (-3 dB)

Mic. input impedance.....680 Ω

Mic. gain adjustable rang.....-12 dB ~ +12 dB

Headphone load impedance.....≥16 Ohm × 2

Headphone output.....10 mW

Operation time of battery.....When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours

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%)

Mechanical

Mounting.....Tabletop

Dimensions (h x w x d) (w/o Mic.).....75 x 143 x 138 mm

Weight.....0.9 kg

Color.....Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5380CVS_B.....Digital IR Wireless Chairman Unit
 (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)

HCS-5380CVS_S.....Digital IR Wireless Chairman Unit
 (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

HCS-5380DVS Wireless Delegate Unit with Voting and Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Three voting keys
- Microphone On/Off button with indicator

Interconnections

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

Ordering Information

- HCS-5380DVS_B.....Digital IR Wireless Delegate Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)
- HCS-5380DVS_S.....Digital IR Wireless Delegate Unit (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength.....870 nm

Modulation method.....DQPSK

Carrier frequency.....1~8 MHz

Reception/emission angle.....vertical: 125° , horizontal: 120°

Frequency response.....80 Hz to 20 kHz (-3 dB)

Mic. input impedance.....680 Ω

Mic. gain adjustable rang.....-12 dB ~ +12 dB

Headphone load impedance.....≥16 Ohm × 2

Headphone output.....10 mW

Operation time of battery.....When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours

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%)

Mechanical

Mounting.....Tabletop

Dimensions (h x w x d) (w/o Mic.).....75 x 143 x 138 mm

Weight.....0.9 kg

Color.....Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

HCS-5380DS Wireless Delegate Unit with Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- 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

Power built-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength 870 nm

Modulation method DQPSK

Carrier frequency 1~8 MHz

Reception/emission angle vertical: 125° , horizontal: 120°

Frequency response 80 Hz to 20 kHz (-3 dB)

Mic. input impedance 680 Ω

Mic. gain adjustable rang -12 dB ~ +12 dB

Headphone load impedance ≥16 Ohm × 2

Headphone output 10 mW

Operation time of battery When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours

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%)

Mechanical

Mounting Tabletop

Dimensions (h x w x d) (w/o Mic.) 75 x 143 x 138 mm

Weight 0.9 kg

Color Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5380DS_B Digital IR Wireless Delegate Unit
 (discussion, 1+7 CHs, cooperates with
 HCS-5100Plus series can achieve 8
 CHs simultaneous audio, charcoal
 gray panel + black base)

HCS-5380DS_S Digital IR Wireless Delegate Unit
 (discussion, 1+7 CHs, cooperates with
 HCS-5100Plus series can achieve 8
 CHs simultaneous audio, champagne
 panel + black base)

HCS-5380DDS

Wireless Delegate Unit with Dual Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- Can be used as a dual delegate unit
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- Dual channel selector (operable only when earphone is inserted) for dual delegates
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Two headphone volume control buttons
- Two microphone On/Off buttons with indicator

Interconnections

- Socket for pluggable microphone
- Two Ø 3.5 mm stereo headphone jacks
- Power adapter interface

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength870 nm

Modulation methodDQPSK

Carrier frequency1~8 MHz

Reception/emission anglevertical: 125° , horizontal: 120°

Frequency response80 Hz to 20 kHz (-3 dB)

Mic. input impedance680 Ω

Mic. gain adjustable rang-12 dB ~ +12 dB

Headphone load impedance≥16 Ohm × 2

Headphone output10 mW

Operation time of batteryWhen Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours

Microphone

TransducerElectret-condenser

Polar patternUni-directional

Sensitivity-46 dBV/Pa

Frequency response30 Hz to 20 kHz

Directionality 0°/180°≥20 dB (1 kHz)

Equivalent noise20 dBA (SPL)

Max.SPL125 dB (THD<3%)

Mechanical

MountingTabletop

Dimensions (h x w x d) (w/o Mic.)75 x 143 x 138 mm

Weight0.9 kg

ColorCharcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5380DDS_BDigital IR Wireless Delegate Unit
 (discussion, 1+7 CHs, 2 channel selectors, dual predefined position, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)

HCS-5380DDS_SDigital IR Wireless Delegate Unit
 (discussion, 1+7 CHs, 2 channel selectors, dual predefined position, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

HCS-5380C Wireless Chairman Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 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, built-in 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Microphone On/Off button with indicator
- Priority button

HCS-5380D Wireless Delegate Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 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, built-in 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- 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

Power built-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength 870 nm

Modulation method DQPSK

Carrier frequency 1~8 MHz

Reception/emission angle vertical: 125° , horizontal: 120°

Frequency response 80 Hz to 20 kHz (-3 dB)

Mic. input impedance 680 Ω

Mic. gain adjustable rang -12 dB ~ +12 dB

Headphone load impedance ≥16 Ohm × 2

Headphone output 10 mW

Operation time of battery When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours

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%)

Mechanical

Mounting Tabletop

Dimensions (h x w x d) (w/o Mic.) 75 x 143 x 138 mm

Weight 0.9 kg

Color Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5380D_B Digital IR Wireless Delegate Unit
 (discussion, charcoal gray panel
 + black base)

HCS-5380D_S Digital IR Wireless Delegate Unit
 (discussion, champagne panel +
 black base)

Conference Units Function list

Type No.	Status	Discussion	Voting	Simultaneous interpretation
HCS-5380CVS	chairman	√	√	1+7 CHs
HCS-5380DVS	delegate	√	√	1+7 CHs
HCS-5380DS	delegate	√		1+7 CHs
HCS-5380DDS	delegate	√		(1+7 CHs)x2
HCS-5380C	chairman	√		
HCS-5380D	delegate	√		

HCS-5381CVS Wireless Chairman Unit with Voting and Channel Selection



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ Audience response: -/0/+
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Channel select button
- Three voting buttons
- Microphone On/Off button with indicator
- Priority button

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength.....870 nm

Modulation method.....DQPSK

Carrier frequency.....1~8 MHz

Reception/emission angle.....vertical: 125° , horizontal: 120°

Frequency response.....80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang.....-12 dB ~ +12 dB

Headphone load impedance.....≥16 Ohm × 2

Headphone output.....10 mW

Operation time of battery.....When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours
 (Sufficient IR signal)

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%)

Mechanical

Mounting.....Tabletop

Dimensions (h x w x d) (w/o Mic.).....75 x 143 x 138 mm

Weight (w/o Mic.).....0.8 kg

Color.....Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381CVS_B.....Digital IR Wireless Chairman Unit
 (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)

HCS-5381CVS_Cg.....Digital IR Wireless Chairman Unit
 (discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

HCS-5381DVS Wireless Delegate Unit with Voting and Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Channel select button
- Three voting buttons
- Microphone On/Off button with indicator
- "Request" button: the delegate can press this button to request to speak and his/her name will appear in the request list

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength870 nm

Modulation methodDQPSK

Carrier frequency1~8 MHz

Reception/emission anglevertical: 125° , horizontal: 120°

Frequency response80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang-12 dB ~ +12 dB

Headphone load impedance≥16 Ohm × 2

Headphone output10 mW

Operation time of batteryWhen Mic on: approx. 12 hours;
 When Mic off: approx. 48 hours
 (Sufficient IR signal)

Microphone

TransducerElectret-condenser

Polar patternUni-directional

Sensitivity-46 dBV/Pa

Frequency response30 Hz to 20 kHz

Directionality 0°/180°≥20 dB (1 kHz)

Equivalent noise20 dBA (SPL)

Max.SPL125 dB (THD<3%)

Mechanical

MountingTabletop

Dimensions (h x w x d) (w/o Mic.)75 x 143 x 138 mm

Weight (w/o Mic.)0.8 kg

ColorCharcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381DVS_B.....Digital IR Wireless Delegate Unit
 (discussion, voting, 1+7 CHs,
 cooperates with HCS-5100Plus
 series can achieve 8 CHs
 simultaneous audio, charcoal
 gray panel + black base)

HCS-5381DVS_Cg.....Digital IR Wireless Delegate Unit
 (discussion, voting, 1+7 CHs,
 cooperates with HCS-5100Plus
 series can achieve 8 CHs
 simultaneous audio, champagne
 panel + black base)

HCS-5381DS Wireless Delegate Unit with Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Microphone On/Off button with indicator
- "Request" button: the delegate can press this button to request to speak and his/her name will appear in the request list

HCS-5381DDS Wireless Delegate Unit with Dual Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- Can be used as a dual delegate unit
- Two Ø 3.5 mm stereo headphone jacks for headphones with separate volume control
- Dual channel selector (operable only when earphone is inserted) for dual delegates
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

HCS-5381C Wireless Chairman Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Microphone On/Off button with indicator
- Priority button

HCS-5381D Wireless Delegate Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 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, built-in foam windshield
- Stem length: 330 mm (standard version), 410 mm, 470 mm
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- 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

Power built-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength 870 nm

Modulation method DQPSK

Carrier frequency 1~8 MHz

Reception/emission angle vertical: 125° , horizontal: 120°

Frequency response 80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang -12 dB ~ +12 dB

Headphone load impedance ≥16 Ohm × 2

Headphone output 10 mW

Operation time of battery When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours
 (Sufficient IR signal)

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%)

Mechanical

Mounting Tabletop

Dimensions (h x w x d) (w/o Mic.) 75 x 143 x 138 mm

Weight (w/o Mic.) 0.8 kg

Color Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381D_B Digital IR Wireless Delegate Unit
 (discussion, charcoal gray panel
 + black base)

HCS-5381D_Cg Digital IR Wireless Delegate Unit
 (discussion, champagne panel +
 black base)

HCS-5381RCVS Wireless Chairman Unit with Voting and Channel Selection



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Uni-directional electret condenser microphone with two-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ Audience response: -/0/+
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Channel select button
- Three voting buttons
- Microphone On/Off button with indicator
- Priority button

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength.....870 nm

Modulation method.....DQPSK

Carrier frequency.....1~8 MHz

Reception/emission angle.....vertical: 125° , horizontal: 120°

Frequency response.....80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang.....-12 dB ~ +12 dB

Headphone load impedance.....≥16 Ohm × 2

Headphone output.....10 mW

Operation time of battery.....When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours
 (Sufficient IR signal)

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%)

Mechanical

Mounting.....Tabletop

Dimensions (h x w x d) (w/o Mic.).....75 x 143 x 138 mm

Weight1.2 kg

Color.....Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381RCVS_B.....Digital IR Wireless Chairman Unit
 (rectangular columnar metal microphone, discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)

HCS-5381RCVS_Cg.....Digital IR Wireless Chairman Unit
 (rectangular columnar metal microphone, discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

HCS-5381RDVS Wireless Delegate Unit with Voting and Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Uni-directional electret condenser microphone with two-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3
 - ◆ 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Channel select button
- Three voting buttons
- Microphone On/Off button with indicator
- "Request" button: the delegate can press this button to request to speak and his/her name will appear in the request list

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength870 nm

Modulation methodDQPSK

Carrier frequency1~8 MHz

Reception/emission anglevertical: 125° , horizontal: 120°

Frequency response80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang-12 dB ~ +12 dB

Headphone load impedance≥16 Ohm × 2

Headphone output10 mW

Operation time of batteryWhen Mic on: approx. 12 hours;
 When Mic off: approx. 48 hours
 (Sufficient IR signal)

Microphone

TransducerElectret-condenser

Polar patternUni-directional

Sensitivity-46 dBV/Pa

Frequency response30 Hz to 20 kHz

Directionality 0°/180°≥20 dB (1 kHz)

Equivalent noise20 dBA (SPL)

Max.SPL125 dB (THD<3%)

Mechanical

MountingTabletop

Dimensions (h x w x d) (w/o Mic.)75 x 143 x 138 mm

Weight1.2 kg

ColorCharcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381RDVS_B.....Digital IR Wireless Delegate Unit
 (rectangular columnar metal microphone, discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, charcoal gray panel + black base)

HCS-5381RDVS_Cg.....Digital IR Wireless Delegate Unit
 (rectangular columnar metal microphone, discussion, voting, 1+7 CHs, cooperates with HCS-5100Plus series can achieve 8 CHs simultaneous audio, champagne panel + black base)

HCS-5381RDS Wireless Delegate Unit with Channel Selection



Features

- 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
- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Uni-directional electret condenser microphone with two-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Channel select keys
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Microphone On/Off button with indicator
- "Request" button: the delegate can press this button to request to speak and his/her name will appear in the request list

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength870 nm

Modulation methodDQPSK

Carrier frequency1~8 MHz

Reception/emission anglevertical: 125° , horizontal: 120°

Frequency response80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang-12 dB ~ +12 dB

Headphone load impedance≥16 Ohm × 2

Headphone output10 mW

Operation time of batteryWhen Mic on: approx. 12 hours;
When Mic off: approx. 40 hours
(Sufficient IR signal)

Microphone

TransducerElectret-condenser

Polar patternUni-directional

Sensitivity-46 dBV/Pa

Frequency response30 Hz to 20 kHz

Directionality 0°/180°≥20 dB (1 kHz)

Equivalent noise20 dBA (SPL)

Max.SPL125 dB (THD<3%)

Mechanical

MountingTabletop

Dimensions (h x w x d) (w/o Mic.)75 x 143 x 138 mm

Weight1.2 kg

ColorCharcoal gray (PANTONE Cool Gray 11C)
/ Champagne (PANTONE 401C)

Ordering Information

HCS-5381RDS_BDigital IR Wireless Delegate Unit
(rectangular columnar metal
microphone, discussion, 1+7 CHs,
cooperates with HCS-5100Plus series
can achieve 8 CHs simultaneous audio,
charcoal gray panel + black base)

HCS-5381RDS_CgDigital IR Wireless Delegate Unit
(rectangular columnar metal
microphone, discussion, 1+7 CHs,
cooperates with HCS-5100Plus series
can achieve 8 CHs simultaneous audio,
champagne panel + black base)

HCS-5381RC Wireless Chairman Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Uni-directional electret condenser microphone with two-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Activatable 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 to switch off or to 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 in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- Headphone volume control button
- Microphone On/Off button with indicator
- Priority button

Interconnections

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

Technical Specifications

Electrical

Powerbuilt-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength870 nm

Modulation methodDQPSK

Carrier frequency1~8 MHz

Reception/emission anglevertical: 125° , horizontal: 120°

Frequency response80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang-12 dB ~ +12 dB

Headphone load impedance≥16 Ohm × 2

Headphone output10 mW

Operation time of batteryWhen Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours
 (Sufficient IR signal)

Microphone

TransducerElectret-condenser

Polar patternUni-directional

Sensitivity-46 dBV/Pa

Frequency response30 Hz to 20 kHz

Directionality 0°/180°≥20 dB (1 kHz)

Equivalent noise20 dBA (SPL)

Max.SPL125 dB (THD<3%)

Mechanical

MountingTabletop

Dimensions (h x w x d) (w/o Mic.)75 x 143 x 138 mm

Weight1.2 kg

ColorCharcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381RC_BDigital IR Wireless Chairman Unit
 (rectangular columnar metal
 microphone, discussion, charcoal
 gray panel + black base)

HCS-5381RC_CgDigital IR Wireless Chairman Unit
 (rectangular columnar metal
 microphone, discussion,
 champagne panel + black base)

HCS-5381RD Wireless Delegate Unit



Features

- 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
- 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
- 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Microphone sensitivity and EQ individually adjustable
- Built-in rechargeable Lithium battery

Functions

- 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 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
- Adopts 1~8 MHz transmission frequency, excellent immunity to RF interference from HF-driven lighting and mobile phones
- Uni-directional electret condenser microphone with two-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- 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
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in rechargeable lithium battery operation duration in good IR single environment:
 - When Mic on: approx. 12 hours
 - When Mic off: approx. 40 hours

Controls and Indicators

- Graphic 128x36 OLED for displaying channel number, language name, battery capacity and speaker volume
- Uni-directional electret condenser microphone with two-color illuminated ring
- Charging indicator
- Fully charged indicator
- 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

Power built-in 3.7 V/5200 mAh rechargeable Lithium battery
 Power supply by HCS-ADP5V adapter (5 V, 2 A)

IR transceiver

Wavelength 870 nm

Modulation method DQPSK

Carrier frequency 1~8 MHz

Reception/emission angle vertical: 125° , horizontal: 120°

Frequency response 80 Hz to 20 kHz (-3 dB)

Mic. gain adjustable rang -12 dB ~ +12 dB

Headphone load impedance ≥16 Ohm × 2

Headphone output 10 mW

Operation time of battery When Mic on: approx. 12 hours;
 When Mic off: approx. 40 hours
 (Sufficient IR signal)

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%)

Mechanical

Mounting Tabletop

Dimensions (h x w x d) (w/o Mic.) 75 x 143 x 138 mm

Weight 1.2 kg

Color Charcoal gray (PANTONE Cool Gray 11C)
 / Champagne (PANTONE 401C)

Ordering Information

HCS-5381RD_B Digital IR Wireless Delegate Unit
 (rectangular columnar metal
 microphone, discussion, charcoal
 gray panel + black base)

HCS-5381RD_Cg Digital IR Wireless Delegate Unit
 (rectangular columnar metal
 microphone, discussion,
 champagne panel + black base)

Conference Units Function list

Type No.	Status	Discussion	Voting	Simultaneous interpretation
HCS-5381CVS	chairman	√	√	1+7 CHs
HCS-5381DVS	delegate	√	√	1+7 CHs
HCS-5381DS	delegate	√		1+7 CHs
HCS-5381DDS	delegate	√		(1+7 CHs)x2
HCS-5381C	chairman	√		
HCS-5381D	delegate	√		
HCS-5381RCVS	chairman	√	√	1+7 CHs
HCS-5381RDVS	delegate	√	√	1+7 CHs
HCS-5381RDS	delegate	√		1+7 CHs
HCS-5381RC	chairman	√		
HCS-5381RD	delegate	√		