HCS-5390CE
Digital IR Wireless Chairman Unit

Features

- **Tabletop，innovative and minimalist design for embody bridging communication between participants inspired by the shape of a book.**
- **Wireless unit, easy setup and removal**
- **Hi-Fi loudspeaker**
- **Priority button**
- **5 voting keys**
- **Braille is present for all physical buttons**
- **System controls up to 1000 contribution units**
- **Transmitting up to 8 CHs high quality digital audio signals**
- **Built-in channel selector consists of up/down channel select keys**
- **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 HCS-5390CE chairman unit with Innovative and minimalist design has all the necessary facilities to enable the user to chair a conference. Similar in appearance and function to HCS-5390DE Delegate Unit, the HCS-5390CE 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
- Unique ID preset for each unit 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
- Equipped with 5PIN microphone socket, stem microphone ordered separately, suitable for MS**E type stem microphone
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi loudspeaker, minimal feedback
- Ø 3.5 mm stereo headphone jack for headphone with controllable volume
- Microphone On/Off button, 5 voting keys
- Built-in channel selector (operable only when earphone is inserted)
- Delicate and stylish 160×80 OLED with screen saver function, can display below information:
    ♦ Model, software version and ID is displayed when it startup
    ♦ Channel number, language name, signal icon, battery power, and headphone volume is displayed under normal use
    ♦ Sign-in /voting icon is displayed when sign-in /vote is started
    ♦ 'ALARM' prompt is displayed when the alarm triggers
    ♦ Battery level is displayed when charging
- Microphone sensitivity and EQ individually adjustable
- System implements the following facilities when operated in stand-alone mode:
    ♦ "ACTIVE MICS", set the number of delegates permitted to speak at the same time (1/2/3/4)
    ♦ "OPEN" mode, if Mic. active limit has been reached, next microphone cannot be turned on when pressing "Mic. On/Off" button
    ♦ "OVERRIDE" mode, if Mic. active limit has been reached, when pressing "Mic. On/Off" button, next microphone is turned on and the first active microphone is turned off
    ♦ "VOICE" mode, Mic. sensitivity and close time adjustable, built-in "Flash-on" technology for quick voice control
    ♦ Simultaneous interpretation
- System supports "Request" mode when connected to computer. The delegate unit will enter into application state by pressing the speech button, and can speak after approval. If it does not reach the Mic. active limit, the chairman/VIP unit microphone can be turned on directly
- In combination with the corresponding software, multiform voting can be implemented:
    ♦ Parliamentary: YES/NO/ABSTAIN
    ♦ Questionnaire: 1/2/3/4/5
    ♦ Audience response: --/-/0/+/++

- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video tracking matrix switcher
- 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: approximately 14.4 hours when microphone is continuously on; 48 hours when microphone is off

Controls and Indicators

- Delicate and stylish 160×80 OLED screen for displaying Model, ID, firmware version, channel number, language name, battery capacity and signal icon, earphone volume, sign-in/vote icon , alarm status and charging status
- Built-in channel selector consists of up/down channel select keys
- Power switch
- Headphone volume control button
- Five voting keys
- Microphone On/Off button
- Priority button
- Mode LED Indicator

Interconnections

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

Technical Specifications

Electrical

Headphone connection

Frequency response	80 Hz to 20 kHz (-3dB)
Headphone load impedance	≥16 Ω
Headphone output	10 mW
Built-in speaker	4 Ω, 2 W

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.)	57 x 201 x 135 mm
Weight	
Excl. battery	0.54 kg
Incl. battery	0.83 kg
Color	Modern Gray (PANTONE 410C)

Ordering Information

HCS-5390CE   Digital IR Wireless Chairman Unit (discussion, voting, 1+7 CHs, modern gray, excl. battery, stem microphone to be ordered separately)