

HCS-3670C Chairman Unit with Voting



Features

- Stylish and ergonomic fold-away design
- Hi-Fi flat-panel loudspeaker
- Priority key
- Pluggable microphone
- 5 voting keys
- Excellent immunity to RF interference from mobile phones

The stylish and ergonomically designed chairman unit has all the necessary facilities to enable the user to chair a conference. It has excellent immunity to RF interference from mobile phones. Similar in appearance to HCS-3670D Delegate Unit, the HCS-3670C Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting. The chairman unit can also be used to start or stop voting, cancel a request-to-speak and turn off all active microphones. A graphic LCD screen with permanent backlighting can display characters from complex European languages or icon-based scripts such as Chinese. The flat-panel loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Excellent immunity to RF interference from mobile phones and comparable devices
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi flat-panel loudspeaker, minimal feedback, mutes automatically when microphone is active
- Microphone On/Off button, 5 voting keys

- System when operated in stand-alone mode can implement the following facilities:
 - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
 - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
 - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
 - ◆ "VOICE" mode, microphone activation on speaking
 - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
 - ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be setup as "Dais mode", it will keep active all the time
 - ◆ Parliamentary voting (YES/NO/ABSTAIN)
- 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/+/++
 - Appraisal:
 - ◇ Satisfied (Four keys voting: perfectly satisfied/satisfied/basically satisfied/unsatisfied) (Three keys voting: satisfied/basically satisfied/unsatisfied) (Two keys voting: satisfied/unsatisfied)
 - ◇ Qualified (four/three/two keys voting)
 - ◇ Competent (four/three/two keys voting)
- Built-in IC-card reader
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Can be activated at any time
- Priority key can switch off or mute the speaking units according to preset
- Approves/denies all delegates' speaking requests
- Launches parliamentary voting (YES/NO/ABSTAIN) session without PC
- Controls voting start and stop
- Controls on-off switch for displaying voting results on delegate unit's LCD
- System supports up to 100 chairman units, while only 1 chairman unit has the control facilities listed above (set by software)

Controls and Indicators

- Graphic 256x32 LCD with back-lighting for displaying:
 - ◆ Active microphone amount, request amount, delegates signed-in and voting results, etc.
 - ◆ Multilingual (simplified/traditional Chinese, English, etc.) menu
- Uni-directional electret condenser microphone with illuminated ring
- Headphone volume up and down
- Five voting buttons with indicators
- Microphone On/Off button with indicator
- Priority key

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Ø 3.5 mm socket for external microphone or headset microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Headphone connection

Frequency response 40 Hz to 16 kHz
 Earphone load impedance >16 Ohm
 Earphone output 10 mW

Microphone

Transducer Electret-condenser
 Polar pattern Uni-directional
 Operating voltage 5 VDC
 Sensitivity -46dBV/Pa
 Frequency response 80 Hz to 18 kHz
 Input impedance 2 kOhm
 Directivity 0°/180° > 20 dB (1 kHz)
 Equivalent noise 25 dBA (SPL)
 Maximum sound pressure level 125 dB (THD<3%)

Interface data

Connector Ø 3.5 mm socket for external mic.
 Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting, Tabletop (portable or fixed mounting) and flush-mounting
 Dimensions (h x w x d) (w/o stem microphone)

Tabletop 55 x 245 x 137 mm
 Flush-mounting 35 x 245 x 137 mm
 Weight (incl. stem microphone) 1.68 kg
 Color Charcoal gray
 Stem length 410 mm (standard version),
 240 mm, 330 mm, 470 mm

Ordering Information

HCS-3670C Economical Conference System Chairman Unit
 (tabletop/flush-mounting, 5 voting keys,
 256×32 LCD, IC-Card, charcoal gray)

HCS-3670D Discussion Unit with Voting



Features

- Stylish and ergonomic fold-away design
- Hi-Fi flat-panel loudspeaker
- Pluggable microphone
- 5 voting keys
- Excellent immunity to RF interference from mobile phones

The multi-functional delegate unit meets the demands of multiform conferences. It provides facilities for speaking, registering a request-to-speak, listening, voting, IC-card reading and displaying conference and user-related information. It has excellent immunity to RF interference from mobile phones. It features an IC-card reader and a graphic display with backlighting. When the IC-card is inserted into the card reader, the graphic LCD screen automatically displays user-related information in the language assigned to the delegate chip card. The graphic LCD screen has permanent backlighting, and can display characters from complex European languages or icon-based-scripts such as Chinese. The flat-panel loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Excellent immunity to RF interference from mobile phones and comparable devices
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi flat-panel loudspeaker, minimal feedback, mutes automatically when microphone is active
- Microphone On/Off button, 5 voting keys
- System when operated in stand-alone mode can implement the following facilities:
 - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time

- ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
- ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
- ◆ "VOICE" mode, microphone activation on speaking
- ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
- ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be setup as "Dais mode", it will keep active all the time
- ◆ Parliamentary voting (YES/NO/ABSTAIN)
- 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/+/++
 - Appraisal:
 - ◇ Satisfied (Four keys voting: perfectly satisfied/satisfied/basicly satisfied/unsatisfied) (Three keys voting: satisfied/basicly satisfied/unsatisfied) (Two keys voting: satisfied/unsatisfied)
 - ◇ Qualified (four/three/two keys voting)
 - ◇ Competent (four/three/two keys voting)
- Built-in IC-card reader
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Set any delegate unit to be VIP unit
 - ◆ Up to 32 units can be set as VIP in one system via application software
 - ◆ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Graphic 256x32 LCD with back-lighting for displaying:
 - ◆ Active microphone amount, request amount, delegates signed-in and voting results, etc.
 - ◆ Multilingual (simplified/traditional Chinese, English, etc.) menu
- Uni-directional electret condenser microphone with illuminated ring
- Headphone volume up and down
- Five voting buttons with indicators
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Ø 3.5 mm socket for external microphone or headset microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Headphone connection

Frequency response 40 Hz to 16 kHz
 Earphone load impedance >16 Ohm
 Earphone output 10 mW

Microphone

Transducer Electret-condenser
 Polar pattern Uni-directional
 Operating voltage 5 VDC
 Sensitivity -46dBV/Pa
 Frequency response 80 Hz to 18 kHz
 Input impedance 2 kOhm
 Directivity 0°/180° > 20 dB (1 kHz)
 Equivalent noise 25 dBA (SPL)
 Maximum sound pressure level 125 dB (THD<3%)

Interface data

Connector Ø 3.5 mm socket for external mic.
 Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting, Tabletop (portable or fixed mounting) and flush-mounting
 Dimensions (h x w x d) (w/o stem microphone)

Tabletop 55 x 245 x 137 mm
 Flush-mounting 35 x 245 x 137 mm
 Weight (incl. stem microphone) 1.68 kg
 Color Charcoal gray
 Stem length 410 mm (standard version),
 240 mm, 330 mm, 470 mm

Ordering Information

HCS-3670D Economical Conference System Delegate Unit
 (tabletop/flush-mounting, 5 voting keys,
 256×32 LCD, IC-Card, charcoal gray)

HCS-3671DE Discussion Unit with Voting



Features

- **Stylish and ergonomic fold-away design**
- **Hi-Fi flat-panel loudspeaker**
- **Pluggable microphone**
- **5 voting keys**
- **Excellent immunity to RF interference from mobile phones**

The multi-functional delegate unit meets the demands of multiform conferences. It provides facilities for speaking, registering a request-to-speak, listening and voting. It has excellent immunity to RF interference from mobile phones. The flat-panel loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Excellent immunity to RF interference from mobile phones and comparable devices
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi flat-panel loudspeaker, minimal feedback, mutes automatically when microphone is active
- Microphone On/Off button, 5 voting keys
- System when operated in stand-alone mode can implement the following facilities:
 - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
 - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
 - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
 - ◆ "VOICE" mode, microphone activation on speaking
 - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application

- ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be setup as "Dais mode", it will keep active all the time
- ◆ Parliamentary voting (YES/NO/ABSTAIN)
- In combination with the corresponding software modules, multiform voting can be implemented:
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3/4/5
 - ◆ Audience response: --/+/++
 - Appraisal:
 - ◆ Satisfied (Four keys voting: perfectly satisfied/satisfied/basically satisfied/unsatisfied) (Three keys voting: satisfied/basically satisfied/unsatisfied) (Two keys voting: satisfied/unsatisfied)
 - ◆ Qualified (four/three/two keys voting)
 - ◆ Competent (four/three/two keys voting)
- Key-press sign-in
- Automatic video tracking, when cooperating with camera and video switcher unit
- Set any delegate unit to be VIP unit
 - ◆ Up to 32 units can be set as VIP in one system via application software
 - ◆ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Uni-directional electret condenser microphone with illuminated ring
- Headphone volume up and down
- Five voting buttons with indicators
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Ø 3.5 mm socket for external microphone or headset microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Headphone connection

Frequency response.....40 Hz to 16 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46dBV/Pa
 Frequency response.....80 Hz to 18 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....25 dBA (SPL)

Maximum sound pressure level..... 125 dB (THD<3%)

Interface data

Connector.....Ø 3.5 mm socket for external mic.
.....Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting.....Tabletop (portable or fixed mounting) and flush-mounting

Dimensions (h x w x d) (w/o stem microphone)

Tabletop.....55 x 245 x 137 mm

Flush-mounting.....35 x 245 x 137 mm

Weight (incl. stem microphone).....1.68 kg

Color.....Charcoal gray

Stem length.....410 mm (standard version),
240 mm, 330 mm, 470 mm

Ordering Information

HCS-3671DE.....Economical Conference System Delegate Unit
(tabletop/flush-mounting, 5 voting keys,
charcoal gray)

HCS-3655C Chairman Unit



Features

- **Stylish and ergonomic fold-away design**
- **Hi-Fi flat-panel loudspeaker**
- **Priority key**
- **Pluggable microphone**
- **Excellent immunity to RF interference from mobile phones**

The stylish and ergonomically designed chairman unit has the necessary facilities to enable the user to chair a conference. It has excellent immunity to RF interference from mobile phones. Similar in appearance to HCS-3655D Delegate Unit, the HCS-3655C Chairman Unit includes a microphone priority button. When pressed, the priority button causes all currently active delegate microphones to be switched off temporarily or permanently, allowing the chairman to take control of the meeting. The flat-panel loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Excellent immunity to RF interference from mobile phones and comparable devices
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
- Hi-Fi flat-panel loudspeaker, minimal feedback, mutes automatically when microphone is active
- Microphone On/Off button
- System when operated in stand-alone mode can implement the following facilities:
 - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
 - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
 - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
 - ◆ "VOICE" mode, microphone activation on speaking

- ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
- ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be setup as "Dais mode", it will keep active all the time
- Automatic video tracking, when cooperating with camera and video switcher unit
- Can be activated at any time
- Priority key can switch off or mute the speaking units according to preset
- Approves/denies all delegates' speaking requests
- System supports up to 100 chairman units, while only 1 chairman unit has the control facilities listed above (set by software)

Controls and Indicators

- Uni-directional electret condenser microphone with illuminated ring
- Headphone volume up and down
- Microphone On/Off button with indicator
- Priority key

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Ø 3.5 mm socket for external microphone or headset microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Headphone connection

Frequency response.....40 Hz to 16 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46dBV/Pa
 Frequency response.....80 Hz to 18 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....25 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Interface data

Connector.....Ø 3.5 mm socket for external mic.
Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting, Tabletop (portable or fixed mounting) and flush-mounting

Dimensions (h x w x d) (w/o stem microphone)

Tabletop.....55 x 245 x 137 mm

Flush-mounting.....35 x 245 x 137 mm

Weight (incl. stem microphone).....1.68 kg

Color.....Charcoal gray

Stem length.....410 mm (standard version),
240 mm, 330 mm, 470 mm

Ordering Information

HCS-3655C.....Economical Conference System Chairman Unit
(tabletop/flush-mounting, charcoal gray)

HCS-3655D Discussion Unit



Features

- Stylish and ergonomic fold-away design
- Hi-Fi flat-panel loudspeaker
- Pluggable microphone
- Excellent immunity to RF interference from mobile phones

The delegate unit meets the basic demands of the conferences. It provides facilities for speaking, registering a request-to-speak and listening. It has excellent immunity to RF interference from mobile phones. The flat-panel loudspeaker offers superior acoustics with minimal feedback for enhanced intelligibility.

Functions

- Compliant to IEC 60914
- Excellent immunity to RF interference from mobile phones and comparable devices
- Mini-microphone, with foam windshield
- Stem microphone can be unplugged during adjournment, easy to maintain
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- Microphone On/Off button
- System when operated in stand-alone mode can implement the following facilities:
 - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
 - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
 - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
 - ◆ "VOICE" mode, microphone activation on speaking
 - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
 - ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be setup as "Dais mode", it will keep active all the time

- Automatic video tracking, when cooperating with camera and video switcher unit
- Set any delegate unit to be VIP unit
 - ◆ Up to 32 units can be set as VIP in one system via application software
 - ◆ VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit)

Controls and Indicators

- Uni-directional electret condenser microphone with illuminated ring
- Headphone volume up and down
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm stereo headphone jack
- Ø 3.5 mm socket for external microphone or headset microphone
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Headphone connection

Frequency response.....40 Hz to 16 kHz
 Earphone load impedance.....>16 Ohm
 Earphone output.....10 mW

Microphone

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46dBV/Pa
 Frequency response.....80 Hz to 18 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....25 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Interface data

Connector.....Ø 3.5 mm socket for external mic.
Ø 3.5 mm stereo jack for headphone

Mechanical

Mounting, Tabletop (portable or fixed mounting) and flush-mounting
 Dimensions (h x w x d) (w/o stem microphone)
 Tabletop.....55 x 245 x 137 mm
 Flush-mounting.....35 x 245 x 137 mm
 Weight (incl. stem microphone).....1.68 kg
 Color.....Charcoal gray
 Stem length.....410 mm (standard version),
 240 mm, 330 mm, 470 mm

Ordering Information

HCS-3655D.....Economical Conference System Delegate Unit
(tabletop/flush-mounting, charcoal gray)