

HCS-48U6CMICM Chairman Unit



Features

- Flush-mounting, stylish and ergonomic design
- Pluggable microphone
- Priority button
- Supporting 48 kHz audio sampling rate
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)

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-48U6DMICM/50 Delegate Unit, the HCS-48U6CMICM/50 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. HCS-48U6CMICM/50 Chairman Unit can connect to HCS-48U6VOT voting unit and HCS-48U6SPK loudspeaker.

Functions

- Compliant to IEC 60914
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time
- Supporting 48 kHz audio sampling rate
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "PnP" (plug and play)
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Excellent immunity to RF interference from mobile phones and comparable devices

- Microphone On/Off button
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
 - ◆ Set the number of delegates permitted to speak at the same time
 - ◆ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
 - "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
 - "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
 - "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - "PTT" mode, press microphone On/Off button to talk
- Automatic video tracking implementation when cooperating with cameras & video switcher unit; preset positions on PC
- Activation at any time (if the amount of active microphones in the system is less than 6)
- Priority button to switch off or to mute the speaking units according to preset (except VIP)
- Approves/denies delegates' speaking request
- 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
- Microphone On/Off button with indicator
- Priority button

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm socket for HCS-48U6SPK
- RJ11 socket for HCS-48U6VOT
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Max. consumption	1.8 W
Recommended microphone type	
Transducer	Electret-condenser
Polar pattern	Uni-directional
Operating voltage	5 VDC
Sensitivity	-46 dBV/Pa
Frequency response	50 Hz to 20 kHz
Input impedance	2 kOhm
Directivity 0°/180°	> 20 dB (1 kHz)
Equivalent noise	20 dBA (SPL)
Maximum sound pressure level	125 dB (THD<3%)

Mechanical

Mounting.....Flush-mounting
 Dimensions (h x w x d) (w/o stem microphone)....71 x 100 x 40 mm
 Weight (incl. stem microphone).....0.5 kg
 Color.....Black (PANTONE 419 C)
 Stem length.....410 mm (standard version),
 240 mm, 330 mm, 470 mm

Ordering Information

HCS-48U6CMICM...Fully Digital Congress System Chairman Unit
 (flush-mounting, HCS-48U6VOT and
 HCS-48U6SPK can be connected, black)

HCS-48U6DMICM Discussion Unit



Features

- Flush-mounting, stylish and ergonomic design
- Pluggable microphone
- Supporting 48 kHz audio sampling rate
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately
- Supporting "PnP" (plug and play)

HCS-48U6DMICM/50 Delegate Unit meets the basic demands of the most conferences. It provides facilities for speaking and registering a request-to-speak. It can connect to HCS-48U6VOT voting unit and HCS-48U6SPK loudspeaker.

Functions

- Compliant to IEC 60914
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time.
- Supporting 48 kHz audio sampling rate
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "PnP" (plug and play)
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone On/Off button
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
 - ◆ Set the number of delegates permitted to speak at the same time
 - ◆ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)

- "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
- "VOICE" mode, acoustic active sensitivity and automatic switch-off time adjustable continuously, built-in "flash-on" technology, immediate microphone activation on speaking
- "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
- "PTT" mode, press microphone On/Off button to talk
- Automatic video tracking implementation when cooperating with cameras & video switcher unit; preset positions on PC
- 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
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- Ø 3.5 mm socket for HCS-48U6SPK
- RJ11 socket for HCS-48U6VOT
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Max. consumption.....1.8 W

Recommended microphone type

Transducer.....Electret-condenser
 Polar pattern.....Uni-directional
 Operating voltage.....5 VDC
 Sensitivity.....-46 dBV/Pa
 Frequency response.....50 Hz to 20 kHz
 Input impedance.....2 kOhm
 Directivity 0°/180°.....> 20 dB (1 kHz)
 Equivalent noise.....20 dBA (SPL)
 Maximum sound pressure level.....125 dB (THD<3%)

Mechanical

Mounting.....Flush-mounting
 Dimensions (h x w x d) (w/o stem microphone).....71 x 100 x 40 mm
 Weight (incl. stem microphone).....0.5 kg
 Color.....Black (PANTONE 419 C)
 Stem length.....410 mm (standard version),
 240 mm, 330 mm, 470 mm

Ordering Information

HCS-48U6DMICM.....Fully Digital Congress System Delegate Unit
 (flush-mounting, HCS-48U6VOT and
 HCS-48U6SPK can be connected, black)

HCS-48U6CMICS Chairman Unit



Features

- Flush-mounting, stylish and ergonomic design
- Pluggable microphone
- Priority button
- Supporting 48 kHz audio sampling rate
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately

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-48U6DMICS/50 Delegate Unit, the HCS-48U6CMICS/50 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.

Functions

- Compliant to IEC 60914
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time
- Supporting 48 kHz audio sampling rate
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "PnP" (plug and play)
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone On/Off button
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever

- Facilities in stand-alone operation:
 - ◆ Set the number of delegates permitted to speak at the same time
 - ◆ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)
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 - "APPLY" mode, delegate applies to speak by pressing microphone On/Off button, delegate only speaks when operator or chairman approved his application
 - "PTT" mode, press microphone On/Off button to talk
- Automatic video tracking implementation when cooperating with cameras & video switcher unit; preset positions on PC
- Activation at any time (if the amount of active microphones in the system is less than 6)
- Priority button to switch off or to mute the speaking units according to preset (except VIP)
- Approves/denies delegates' speaking request
- 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
- Microphone On/Off button with indicator
- Priority button

Interconnections

- Socket for pluggable microphone
- RJ11 socket, 2-pin cable and 3-pin cable for HCS-48U6SELM

Technical Specifications

Electrical Recommended microphone type

Transducer.....	Electret-condenser
Polar pattern.....	Uni-directional
Operating voltage.....	5 VDC
Sensitivity.....	-46 dBV/Pa
Frequency response.....	50 Hz to 20 kHz
Input impedance.....	2 kOhm
Directivity 0°/180°.....	> 20 dB (1 kHz)
Equivalent noise.....	20 dBA (SPL)
Maximum sound pressure level.....	125 dB (THD<3%)

Mechanical

Mounting.....	Flush-mounting
Dimensions (h x w x d) (w/o stem microphone).....	36 x 100 x 40 mm
Weight (incl. stem microphone).....	0.2 kg
Color.....	Black (PANTONE 419 C)
Stem length.....	410 mm (standard version), 240 mm, 330 mm, 470 mm

Ordering Information

HCS-48U6CMICS... Fully Digital Congress System Chairman Unit
(flush-mounting, HCS-48U6SELM needed,
black)

HCS-48U6DMICS Discussion Unit



Features

- Flush-mounting, stylish and ergonomic design
- Pluggable microphone
- Supporting 48 kHz audio sampling rate
- Excellent immunity to RF interference from mobile phones
- Gain and EQ (5 band) of each microphone adjustable separately

This delegate unit meets the basic demands of most conferences. It provides facilities for speaking and registering a request-to-speak.

Functions

- Compliant to IEC 60914
- Based on TAIDEN originated MCA-STREAM digital audio processing and transmitting technologies
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time.
- Supporting 48 kHz audio sampling rate
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic recovery facility, supporting "PnP" (plug and play)
- Stem microphone can be unplugged during adjournment, easy to maintain
- Mini-microphone, with foam windshield
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone On/Off button
- Every delegate unit is assigned an individual ID for convenient setup and to avoid double ID forever
- Facilities in stand-alone operation:
 - ◆ Set the number of delegates permitted to speak at the same time
 - ◆ Speak mode: OPEN/OVERRIDE/VOICE/APPLY/PTT
 - "OPEN" mode, microphone On/Off button with request-to-speak registration (AUTO)

- "OVERRIDE" mode, microphone On/Off button control with override of the active microphones (FIFO)
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- 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
- Microphone On/Off button with indicator

Interconnections

- Socket for pluggable microphone
- RJ11 socket, 2-pin cable and 3-pin cable for HCS-48U6SELM

Technical Specifications

Electrical

Recommended microphone type

Transducer.....	Electret-condenser
Polar pattern.....	Uni-directional
Operating voltage.....	5 VDC
Sensitivity.....	-46 dBV/Pa
Frequency response.....	50 Hz to 20 kHz
Input impedance.....	2 kOhm
Directivity 0°/180°.....	> 20 dB (1 kHz)
Equivalent noise.....	20 dBA (SPL)
Maximum sound pressure level.....	125 dB (THD<3%)

Mechanical

Mounting.....	Flush-mounting
Dimensions (h x w x d) (w/o stem microphone).....	36 x 100 x 40 mm
Weight (incl. stem microphone).....	0.2 kg
Color.....	Black (PANTONE 419 C)
Stem length.....	410 mm (standard version), 240 mm, 330 mm, 470 mm

Ordering Information

HCS-48U6DMICS..... Fully Digital Congress System Delegate Unit
(flush-mounting, HCS-48U6SELM needed, black)

HCS-48U6SELM Flush-mounting 64-Channel Selector



Features

- Ergonomically compact and elegant design
- 64 language channels for simultaneous interpretation, all channels with a 30 Hz to 20 kHz frequency response
- Superior acoustics, faster data-processing by using fully digital audio technology in combination with the built-in high performance CPU
- Built-in “Silent” function
- Automatically adapts to available channels
- No audio output until the headphone is connected
- Flush mountable in tablespots, on top or at the front, or in arm rests of seats
- Supporting “PnP” (plug and play)

The HCS-48U6SELM is a compact and stylish single-user audio channel selector for listening by headphone. It provides a choice of up to 64 high-quality audio channels used for distribution of interpretation and floor channels.

Functions

- 64 language channels for simultaneous interpretation, all channels with a 30 Hz to 20 kHz frequency response
- Built-in channel selector (w/ up/down key) and OLED display
- The channel selector is active only when the headphone is inserted
- Built-in “Silent” function, to eliminate audible noise from the headphone. When not in use there is no audio output until one of the keys has been pressed
- Upon insertion of a headphone the default “floor” channel (channel 0) is selected with a comfortable headphone volume and the dimmed backlighting is activated

Controls and Indicators

- Two push-buttons (up/down) for channel selection
- Two push-buttons (up/down) for headphone volume control
- OLED display

Interconnections

- Ø 3.5 mm socket for HCS-48U6SPK
- RJ11 socket for HCS-48U6VOT
- RJ11 socket, 2-pin socket and 3-pin socket for HCS-48U6MICS
- 1.5 m cable with 6P-DIN plug
- 0.6 m cable with 6P-DIN socket

Technical Specifications

Electrical

Max. consumption..... 1.8 W
 Frequency response..... 30 Hz to 20 kHz
 Headphone load impedance..... >16 Ohm
 Output power..... 10 mW

Mechanical

Mounting..... Flush-mounting
 Dimensions (h x w x d)..... 71 x 100 x 40 mm
 Weight (incl. stem microphone)..... 0.4 kg
 Color..... Black (PANTONE 419 C)

Ordering Information

HCS-48U6SELM..... Flush-mounting 64-Channel Selector (HCS-48U6MICS, HCS-48U6VOT and HCS-48U6SPK can be connected, black)

HCS-48U6DVOTTW Voting Unit with IC-Card Reader



Features

- Flush-mounting, stylish and ergonomic design
- Max system capacity: 4096 voting units
- 3 voting keys
- Built-in contactless IC-Card reader

Functions

- New digital design, compliant to many international standards
- Voting system is resistive to 8 kV static, conforms to IEC CISPR 24
- Max system capacity: 4096 voting units
- 3 voting keys
- In combination with corresponding software modules, multiform voting can be implemented:
 - ◆ For/Against
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Appraisal:
 - Satisfied (three keys voting: satisfied/basically satisfied/unsatisfied) (two keys voting: satisfied/unsatisfied)
 - Qualified (three/two keys voting)
 - Competent (three/two keys voting)
- Built-in contactless IC-Card reader
- Key-press sign-in
- Automatic detection

Interconnections

- RJ11 socket for HCS-48U6SELM or HCS-48U6MICM

Technical Specifications

Mechanical

Mounting.....Flush-mounting
 Dimensions (h x w x d).....73 x 100 x 40 mm
 Weight.....0.1 kg
 Color.....Black (PANTONE 419 C)

Ordering Information

HCS-48U6DVOTTW ___Fully Digital Voting Unit (flush-mounting, 3 voting keys, contactless IC-Card reader, HCS-48U6SELM or HCS-48U6MICM needed, black)

HCS-48U6DVOTFW Voting Unit with IC-Card Reader



Ordering Information

HCS-48U6DVOTFW,....Fully Digital Voting Unit (flush-mounting, 5 voting keys, contactless IC-Card reader, HCS-48U6SELM or HCS-48U6MICM needed, black)

Features

- Flush-mounting, stylish and ergonomic design
- Max system capacity: 4096 voting units
- 5 voting keys
- Built-in contactless IC-Card reader

Functions

- New digital design, compliant to many international standards
- Voting system is resistive to 8 kV static, conforms to IEC CISPR 24
- Max system capacity: 4096 voting units
- 5 voting keys
- In combination with corresponding software modules, multiform voting can be implemented:
 - ◆ For/Against
 - ◆ Parliamentary: YES/NO/ABSTAIN
 - ◆ Questionnaire: 1/2/3/4/5
 - ◆ Audience response: --/-/0/+/>+++
 - ◆ Parliamentary (NPPV): YES/NO/ABSTAIN/NPPV
 - ◆ 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 contactless IC-Card reader
- Key-press sign-in
- Automatic detection

Interconnections

- RJ11 socket for HCS-48U6SELM or HCS-48U6MICM

Technical Specifications

Mechanical

Mounting.....Flush-mounting
 Dimensions (h x w x d).....73 x 100 x 40 mm
 Weight.....0.1 kg
 Color.....Black (PANTONE 419 C)

HCS-48U6SPK Flush Loudspeaker Panel



Technical Specifications

Mechanical

Mounting..... Flush-mounting
Dimensions (h x w x d)..... 71×80×80 mm
Weight..... 0.2 kg
Color..... Black (PANTONE 419 C)

Ordering Information

HCS-48U6SPK..... Flush-mounting Loudspeaker Panel (black)