

HCS-4385U/50 64-channel Simultaneous Interpreter unit



Features

- Compliant to ISO 2603, ISO 4043 and IEC 60914
- “Closed Loop - Daisy Chain” connection topology
- Up to 64 interpretation channels including the original floor language
- Supporting 48 kHz audio sampling rate, all 64 channels with a frequency response of 30 Hz to 20 kHz
- Excellent immunity to RF interference from mobile phones
- Ergonomic design with features for visually impaired
- Adjustable microphone sensitivity
- Repeat function (REP. key)
- Graphic LCD with backlighting for bright information display in dark conditions
- 5 pre-select buttons for relay languages with activation indication at the display
- Gain and EQ of the activated microphone adjustable
- Built-in multi-channel intercom facility

HCS-4385U/50 Interpreter Unit provides up to 64 CHs language channels. It is composed of a graphic 256x64 LCD with back-lighting, built-in 64 CHs channel selector and loudspeaker, pluggable stem microphone and headphone/microphone jacks. LCD can display channel number, language name, input language, quality indication and short message, etc. Interpreter Unit's connection cable is compatible with the trunk-line cable, thus it is easy for Interpreter Unit to connect into existent system cabling. It provides two operational modes: normal interpretation and relay interpretation with auto-relay.


Functions

- Fully digital audio technology, compliant to ISO 2603, ISO 4043 and IEC 60914
- “Closed Loop - Daisy Chain” connection topology for a high operational system reliability: breakdown or replacement of a congress unit and connection failure of a cable will not influence other congress units in the system
- Accommodates up to 64 interpretation channels (incl. floor channel)

- Supporting 48 kHz audio sampling rate, all 64 channels with a frequency response of 30 Hz to 20 kHz
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Direct and relay interpretation available
- Auto relay interpretation facility
- Presets language name either by the main unit or the application software
- Gain and EQ of the activated microphone adjustable either by the main unit or the application software
- Microphone can be unplugged during adjournment, easy to maintain
- Built-in IC-Card reader
- Automatic feedback prevention when listening to own interpretation
- Built-in loudspeaker with volume control. If all microphones in the same booth are off, the loudspeaker will play floor language or interpretation channel
- Built-in multi-channel intercom facility
- Permits only one microphone on a channel to be activated at any time, ensuring the uniqueness of language channels
- Two necessary modes between interpreter booths:
 - Interlock: Blocks another interpreter from using the same channel in another interpreter booth.
 - Override: Allows an interpreter to override another interpreter in another interpreter booth supplying the same interpretation channel.
- A maximum of six interpreter units can be installed in each booth

Controls and Indicators

- Uni-directional electret condenser microphone with illuminated ring
- Graphic 256x64 LCD with back-lighting can display of the following:
 - Unit configuration information
 - Incoming/outgoing channel number and language name
 - Channel number and language name of loudspeaker output
 - Incoming language indication
 - ◆ If the monitoring language comes from the original floor channel, a "FLOOR" is displayed on the corresponding language channel
 - ◆ If the monitoring language comes from the direct interpretation channel of the floor language, a "+" is displayed
 - ◆ If the monitoring language comes from the indirect interpretation channel of the floor language, a "-" is displayed
 - ◆ If the monitoring language comes from the indirect interpretation channel of an interpretation language, a "--" is displayed
 - ◆ If the monitoring language comes from the output interpretation channel of current interpreter unit, a "X" is displayed
 - ◆ Note: The indication means to remind the interpreters to avoid using the relay interpretation as often as possible if the direct interpretation is available

- Short messages (administrator can send messages to all or part of participants, even a certain one)
- Multilingual menus available (Simplified/Traditional Chinese and English, etc.)
- Integrated real-time clock displays time on the LCD of the interpreter unit to inform interpreter to stay on schedule
- 5 pre-select buttons (a/b/c/d/e) for relay languages with active indication on LCD
- Rotary step control for fast selecting language channels
- A/B/C channel key with engaged indicator
- Mute facility prevents constrained voice being transmitted (MUTE key)
- Speak slowly facility to alert the current speaker to slow down (SLOW key)
- Call to an operator (CB key)
- Repeat function (REP. key)
- Interpreter unit's microphone can be turned off and A/B/C output channels can be switched by operator, when operating conference system management software
- Volume and bass/treble of the headphone adjustable
- Volume of the loudspeaker adjustable
- Floor channel ON/OFF switch
- Microphone ON/OFF switch
- When connected to PC and controlled by application software, call for help and help information will be displayed on status bar of the application software (HELP key)
- Setup an intercom channel directly to an appointed congress unit, which is appointed by main unit (CALL key)
- Beeps function
- Message key ()

Interconnections

- Socket for pluggable microphone
- IC card socket
- Ø 6.4 mm headphone jack
- Ø 3.5 mm jacks for headset
- 1.5 m cable with 6P-DIN standard plug for connection with system CMU or the next Simultaneous Interpreter unit
- 0.6 m cable with 6P-DIN standard socket for loop-through interconnection

Technical Specifications

Electrical

Max. consumption.....2.8 W

Headphone connection

Frequency response.....30 Hz to 20 kHz

earphone load impedance.....>16 Ohm

Earphone output.....10 mW

Recommended external microphone type (or headset microphone)

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%)

Interface data

Connector.....Ø 3.5 mm mono jack for external mic.

.....Ø 3.5 mm stereo jack for headphone

.....Ø 6.4 mm stereo jack for headphone

Mechanical

Mounting.....free-standing, flush-mounting or mounted on a table

Dimensions (h x w x d) (w/o stem microphone).....78 x 290 x 126 mm

Slope.....28 degrees

Weight (incl. stem microphone).....0.9 kg

Color.....Silver gray

Stem length.....330 mm (standard version),

240 mm, 410 mm, 470 mm

Ordering Information

HCS-4385U/50.....Fully Digital Congress System Interpreter Unit (64 CHs, IC-Card, 256x64 LCD, MIC., loudspeaker)

EP-950B Interpreter Headset



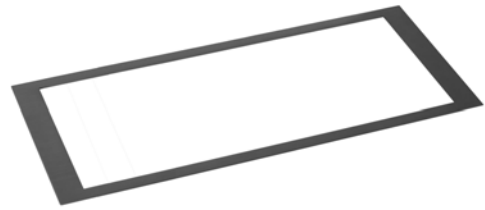
Features

- Incorporated with interpreter unit for monitoring and speaking
- Hi-Fi sound quality
- 32 Ω × 2, Ø 3.5 mm stereo plug (TRS) for headphone
- Ø 3.5 mm stereo plug (TRS, Ring: NC) for microphone
- Frequency response of headphone: 20 Hz to 20 kHz
- Sensitivity of headphone: ≥108 dBA/1 mW
- Frequency response of microphone: 30 Hz to 20 kHz
- Sensitivity of microphone: -46 dBV/Pa

Ordering Information

EP-950B Interpreter Headset (stereo)

HCS-4385MP Mounting Plate



Features

- Used for flush-mounting of HCS-4385U/50 Interpreter Unit

Technical Specifications

Mechanical

Dimensions (h x w x d) 1.5 x 328 x 144 mm
 Weight 44 g
 Color Gray

Ordering Information

HCS-4385MP Flush-mounting Plate (for HCS-4385U/50)