HCS-4891RCVS_S/82 Chairman Unit

Features

- **Elegant and ergonomic design**
- **Exquisite and delicate tabletop design for ease of use and transport**
- **Cable coming out of the base for a tidier wiring**
- **Priority button**
- **Rectangular columnar microphone, the pitching angle of the microphone is adjustable, range : -35° ~+50°**
- **5-key voting**
- **Exquisite and sleek 4.3" touch screen for information display of meeting proceedings**
- **Supports custom boot screen and background picture**
- **"Closed Loop - Daisy Chain" connection topology**
- **64 CHs×2 interpretation with independent volume control. Two delegates may share one unit thus cutting the facility cost by half**
- **Transmitting up to 64 CHs high quality digital audio signals on a dedicated 8-pin cable**
- **Supporting 48 kHz audio sampling rate, all 64 channels perfectly reproducing audio frequencies between 20 Hz and 20 kHz**
- **Water resistant and noise-free button with long service life**
- **Excellent immunity to RF interference from mobile phones**
- **Separate adjustment of gain and EQ (5 band) of each microphone for the perfect sound**
- **Supporting "PnP" (plug and play)**

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-4891RDVS/80 Delegate Unit, the HCS-4891RCVS/80 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. A 4.3" touch screen can display speaking list, sign-in and voting information, channel number and language name, operation menu, etc. Channel selection is automatically limited to the number of language channels available.

Functions

- Compliant to ISO 22259
- "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
- Based on TAIDEN originated MCA-STREAM 2.0 digital audio processing and transmitting technologies
- Proprietary MCA-STREAM 2.0 technology used to transmit fully digital audio between the congress units as well as between congress units and main unit(s)
- Audio signals processed by high performance DSP: sound quality approaching CD quality
- Hypercardioid uni-directional electret condenser microphone with bi-color illuminated ring
- Rectangular columnar microphone, the pitching angle of the microphone is adjustable
- Gain and EQ (5 band) of each microphone adjustable separately, fitting the individual orator's voice to achieve perfect speech pickup any time
- Transmitting up to 64 CHs high quality digital audio signals on a dedicated 8-pin cable (general cat5e cable with a drain wire substitutable)
- Supports up to 64 (1+63) CHs simultaneous interpretation
- Supports 48 kHz audio sampling, and all 64 channels perfectly reproducing audio frequencies between 20 Hz and 20 kHz
- 64 CHs×2 interpretation with volume control. Two delegates may share one unit thus cutting the cost by half (earphone needed)
- Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed
- Automatic system recovery and "PnP" (plug and play)
- Excellent immunity to RF interference from mobile phones and comparable devices
- Microphone On/Off button, 5-key voting
- Hand up button (discussion mode)
- An ID can be assigned by default or manually to each conference unit bearing a unique serial number for convenient maintenance
- Facilities in independent operation from computer:
  - Set the number of delegates permitted to speak at the same time
  - Speak mode: Open/Override/Voice/Request/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
    - "Request" mode, delegate requests 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
  - Simultaneous interpretation
- Multiform voting function can be implemented in combination with the corresponding software

- Key-press sign-in
- 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 8)
- Priority button to switch off or to mute the delegate units (except VIP units) according to preset
- Approves/denies delegates' speaking request
- System supports up to 100 chairman units, while all or part chairman units have the control facilities listed above (set by software or main unit)

Controls and Indicators

- 4.3" touch screen for displaying:
  - ◆ Speaking list, timing speaking information, delegate information
  - ◆ Sign-in and voting information
  - ◆ Language channel and earphone volume adjustment
  - ◆ Screen brightness, system language and unit information
- Built-in channel selector with channel selection function
- Hypercardioid uni-directional electret condenser microphone with bi-color illuminated ring
- Headphones volume control
- Five virtual voting buttons
- Microphone On/Off button with indicator
- Priority button

Interconnections

- 2×Ø 3.5 mm stereo headphone jacks
- 1.5 m cable with 8P-DIN plug
- 0.6 m cable with 8P-DIN socket

Technical Specifications

Electrical
Max. consumption .... 2.7 W

LCD
Dimension .... 4.3"
Resolution .... 800×480
Contrast 800:1

Headphone connection
Frequency response .... 20 Hz to 20 kHz
Earphone load impedance .... ≥16 Ohm
Earphone output .... 10 mW

Recommended microphone type
Transducer .... Ø16mm gold-plated electret-condenser
Polar pattern .... Hypercardioid uni-directional
Sensitivity .... -37dB (0dB=1 V/Pa)
Frequency response .... 20 Hz to 20 kHz
Directivity 0°/120° .... ≥28 dB (@ 1 kHz)
.... ≥28 dB (@ 2 kHz)
.... ≥26 dB (@ 4 kHz)
Equivalent noise .... 20 dBA
SNR .... 74 dBA
Maximum sound pressure level .... 132dB@1kHz, THD≤0.5%

Interface data
Connector .... 2×Ø 3.5 mm stereo jacks for headphones

Mechanical
Mounting .... Tabletop
Dimensions (h x w x d) .... 68 x 99 x 145 mm (base)
.... 37 x 37 x 241 mm (microphone)
Weight (incl. microphone) .... 1.4 kg
Color .... champagne (PANTONE 401 C) microphone + black (PANTONE 419 C) base

Ordering Information

HCS-4891RCVS_S/82   Fully Digital Congress System Chairman Unit (tabletop, discussion, voting, 64 CHs×2, 4.3" touch screen, rectangular columnar metal microphone, Ø16mm gold-plated large-diaphragm high performance electret condenser microphone, champagne microphone + black base)