HCS-8301MD
Digital Audio Mixer for Conference

Features

■ **Cooperating with the HCS-8300M Congress Main Unit, the operator can adjust and monitor the audio of microphones, audio input/output and all simultaneous interpretations**

■ **Automatic memory function: all parameters can be automatically saved before switching and can be recalled after switching**

■ **High-performance motor potentiometer control**

■ **Automatic parameter synchronization between mixer and control PC**

■ **Audio parameter adjustment for microphones, including EQ, GAIN, MUTE, LOW CUT and FADER**

■ **Audio parameter adjustment for AES/Dante IN, including EQ, MUTE and FADER**

■ **Audio parameter adjustment for LINE IN, including EQ, GAIN, MUTE and FADER**

■ **Audio parameter adjustment for AES/LINE OUT, including EQ, MUTE and FADER**

■ **Audio parameter adjustment for simultaneous interpretation, including EQ, LOW CUT and OFF**

■ **10" TFT LCD screen for displaying status of each channel, connection status and setting interface**

■ **Monitor earphone jacks with channel selector and volume control**

■ **LCD screen rotary angle: 90° ~ 180°**

Combining the HCS-8301MD Digital Audio Mixer with the HCS-8300 Congress Main Unit, the operator can adjust and monitor the audio of microphones, AES/Dante/line inputs, AES/line output and simultaneous interpretation without PC. All channel status can be displayed on 10" LCD screen.

Controls and Indicators

■ Through the control panel, the operator can monitor any six active microphone channels, up to 64 simultaneous interpretation channels (with paging), 2 AES/Dante/line inputs, 1 AES/line output channel

■ Microphone channels: GAIN knob (-15 dB~+15 dB), 5 x EQ knob (9 KHz, 2.5 KHz, 1 KHz, 300 Hz, 80 Hz), FADER (-30 dB~0 dB), LOW CUT button, MUTE button, PEAK indicator

■ AES/Dante/Line inputs: GAIN knob (-30 dB~0 dB), 5 x EQ knob (9 KHz, 2.5 KHz, 1 KHz, 300 Hz, 80 Hz), FADER (-30 dB~0 dB), MUTE button, PEAK indicator

■ AES/Line output: 5 x EQ knob (10 KHz, 2.5 KHz, 1 KHz, 250 Hz, 100 Hz), FADER (-30 dB~0 dB), MUTE button, PEAK indicator

■ Simultaneous interpretation channels: 3 x EQ knob (HF, MF, LF), FADER (-20 dB~+10 dB), MUTE button, OFF button, PEAK indicator, Engaged indicator

■ 1 x channel selector knob for monitoring

■ 1 x volume control knob for monitoring

■ 10" TFT LCD

■ Power switch with indicator

Interconnections

■ 1 × RJ45 standard socket (input) and 1 × 6P-DIN extension input socket for connection with Congress Main Unit (only one unit can be connected at the same time to the Main Unit)

■ 1 × RJ45 standard socket for connection to Congress Main Unit (TO MIXER)

■ 6P-DIN extension output for connection with Congress Unit or Congress Extension Main Unit

■ RJ45 standard socket for connection to Ethernet interface (LAN)

■ Ø 6.3 mm and Ø 3.5 mm monitor headphone jacks

■ 2 × 8P aviation socket for connecting control panel with LCD (equipped with cable)

Technical Specifications

Electrical

Power supply	AC 100 V - 240 V, 50 Hz / 60 Hz
Max. power consumption	65 W

LCD

Type	True color TFT LCD
Dimension	10.2 inches, 16:9
Resolution	800×480
Display color	2^{18} (18 bit)
Brightness	400 cd/m^2
Contrast	500:1

Mechanical

Dimensions h × w ×d (mm)	103× 389 × 490 (unfurl)
Weight	7.0 kg
Color	Navy-blue (PANTONE 533 C)

Ordering Information

HCS-8301MD	Digital Audio Mixer for Conference (Dante parameter adjustable)

HCS-8301M
Digital Audio Mixer for Conference

Features

- **Cooperating with the HCS-8300M Congress Main Unit, the operator can adjust and monitor the audio of microphones, audio input/output and all simultaneous interpretations**
- **Automatic memory function: all parameters can be automatically saved before switching and can be recalled after switching**
- **High-performance motor potentiometer control**
- **Automatic parameter synchronization between mixer and control PC**
- **Audio parameter adjustment for microphones, including EQ, GAIN, MUTE, LOW CUT and FADER**
- **Audio parameter adjustment for AES/CobraNet IN, including EQ, MUTE and FADER**
- **Audio parameter adjustment for LINE IN, including EQ, GAIN, MUTE and FADER**
- **Audio parameter adjustment for AES/LINE OUT, including EQ, MUTE and FADER**
- **Audio parameter adjustment for simultaneous interpretation, including EQ, LOW CUT and OFF**
- **10" TFT LCD screen for displaying status of each channel, connection status and setting interface**
- **Monitor earphone jacks with channel selector and volume control**
- **LCD screen rotary angle: 90° ~ 180°**

Combining the HCS-8301M Digital Audio Mixer with the HCS-8300 Congress Main Unit, the operator can adjust and monitor the audio of microphones, AES/line inputs, AES/line output and simultaneous interpretation without PC. All channel status' can be displayed on 10" LCD screen.

Controls and Indicators

- Through the control panel, the operator can monitor any six active microphone channels, up to 64 simultaneous interpretation channels (with paging), 2 AES/line inputs, 1 AES/line output channel

- Microphone channels: GAIN knob (-15 dB~+15 dB), 5 x EQ knob (9 KHz, 2.5 KHz, 1 KHz, 300 Hz, 80 Hz), FADER (-30 dB~0 dB), LOW CUT button, MUTE button, PEAK indicator
- AES/Line inputs: GAIN knob (-30 dB~0 dB), 5 x EQ knob (9 KHz, 2.5 KHz, 1 KHz, 300 Hz, 80 Hz), FADER (-30 dB~0 dB), MUTE button, PEAK indicator
- AES/Line output: 5 x EQ knob (10 KHz, 2.5 KHz, 1 KHz, 250 Hz, 100 Hz), FADER (-30 dB~0 dB), MUTE button, PEAK indicator
- Simultaneous interpretation channels: 3 x EQ knob (HF, MF, LF), FADER (-20 dB~+10 dB), MUTE button, OFF button, PEAK indicator, Engaged indicator
- 1 x channel selector knob for monitoring
- 1 x volume control knob for monitoring
- 10" TFT LCD
- Power switch with indicator

Interconnections

- 1 × RJ45 standard socket (input) and 1 × 6P-DIN extension input socket for connection with Congress Main Unit (only one unit can be connected at the same time to the Main Unit)
- CobraNet interface to connect to Congress Main Unit
- 6P-DIN extension output for connection with Congress Unit or Congress Extension Main Unit
- RJ45 standard socket for connection to Ethernet interface (LAN)
- Ø 6.3 mm and Ø 3.5 mm monitor headphone jacks
- 2 × 8P aviation socket for connecting control panel with LCD (equipped with cable)

Technical Specifications

Electrical
Power supply _____ AC 100 V - 240 V, 50 Hz / 60 Hz
Max. power consumption _____ 65 W

LCD
Type _____ True color TFT LCD
Dimension _____ 10.2 inches, 16:9
Resolution _____ 800×480
Display color _____ 2^{18} (18 bit)
Brightness _____ 400 cd/m^2
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Dimensions h × w ×d (mm) _____ 103× 389 × 490 (unfurl)
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HCS-8301M _____ Digital Audio Mixer for Conference