

HCS-8300MOD/FSD 8 Channels Audio Output Device



Functions

- Converts the digital audio signals of the Congress System to multi channel digital(AES/EBU)/analog audio signals, for further processing in infrared simultaneous interpretation systems or recording devices
- Output level of each channel adjustable
- Configurable as Sync/Not sync power on/off with Congress Main Unit

Controls and Indicators

- Graphic 256 × 32 LCD with back-lighting displays 8 CHs output channel number and language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

Interconnections

- 4 × XLR-M connector for 8 CHs digital (AES/EBU) audio outputs
- 8 × RCA connector for analog audio outputs (unbalanced)
- 8 × 3-pin Phoenix connector for analog audio outputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume and rotary step control for fast selection of language channels
- 1 × RJ45 standard socket (input) and 1 × 6P-DIN 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 (output) for connection with the sequencing Congress Extension Main Unit or audio input interface/audio output device
- 2 × RS232 port for connection to central control system and system diagnosis
- Integrated USB interfaces for upgrading system and saving system parameters. Convenient for system maintenance
- Equipped with duplex SC single-mode optical fiber interface
- Dante interface to connect to peripheral digital devices without losing any sound quality

Technical Specifications

Electrical

Frequency response.....30 Hz to 20 kHz
 SNR.....>90 dBA
 Dynamic range.....>85 dB
 Isolation.....>90 dB
 THD.....<0.05%
 Power supply.....AC 100 V - 240 V, 50 Hz / 60 Hz
 Power consumption.....30 W

Max. audio outputs

Analog: 8 × RCA.....+12 dBu
 Analog: 8 × 3-pin Phoenix.....+18 dBu
 Digital: 4 × XLR-M.....1 FFS
 Output level adjustable range.....-30 dB~ +20 dB, mute

Mechanical

Mounting.....Tabletop or mounted in a 19" rack
 Dimensions (h × w × d)
 For table use, with feet.....99 × 430 × 325 mm
 For 19" rack use, with brackets.....89 × 478 × 350 mm
 Weight.....5.5 kg
 Color.....White (PANTONE 420 C)

Ordering Information

HCS-8300MOD/FSD__8 Channels Audio Output Device (AES/EBU digital outputs, analog outputs, single-mode optical fiber interface, Dante interface)

HCS-8300MOD/FS 8 Channels Audio Output Device



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- Output level of each channel adjustable
- Configurable as Sync/Not sync power on/off with Congress Main Unit

Controls and Indicators

- Graphic 256 × 32 LCD with back-lighting displays 8 CHs output channel number and language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

Interconnections

- 4 × XLR-M connector for 8 CHs digital (AES/EBU) audio outputs
- 8 × RCA connector for analog audio outputs (unbalanced)
- 8 × 3-pin Phoenix connector for analog audio outputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume and rotary step control for fast selection of language channels
- 1 × RJ45 standard socket (input) and 1 × 6P-DIN 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 (output) for connection with the sequencing Congress Extension Main Unit or audio input interface/audio output device
- 2 × RS232 port for connection to central control system and system diagnosis
- Integrated USB interfaces for upgrading system and saving system parameters. Convenient for system maintenance
- Equipped with duplex SC single-mode optical fiber interface
- Supports CobraNet protocol, to connect to peripheral digital devices without losing any sound quality

Technical Specifications

Electrical

Frequency response.....30 Hz to 20 kHz
 SNR.....>90 dBA
 Dynamic range.....>85 dB
 Isolation.....>90 dB
 THD.....<0.05%
 Power supply.....AC 100 V - 240 V, 50 Hz / 60 Hz
 Power consumption.....30 W

Max. audio outputs

Analog: 8 × RCA.....+12 dBu
 Analog: 8 × 3-pin Phoenix.....+18 dBu
 Digital: 4 × XLR-M.....1 FFS
 Output level adjustable range.....-30 dB~ +20 dB, mute

Mechanical

Mounting.....Tabletop or mounted in a 19" rack
 Dimensions (h × w × d)
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Controls and Indicators

- Graphic 256 × 32 LCD with back-lighting displays 8 CHs output channel number and language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

Interconnections

- 4 × XLR-M connector for 8 CHs digital (AES/EBU) audio outputs
- 8 × RCA connector for analog audio outputs (unbalanced)
- 8 × 3-pin Phoenix connector for analog audio outputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume and rotary step control for fast selection of language channels
- 1 × RJ45 standard socket (input) and 1 × 6P-DIN socket for connection with Congress Main Unit (only one unit can be connected at the same time to the Main Unit)
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Max. audio outputs

Analog: 8 × RCA.....+12 dBu
 Analog: 8 × 3-pin Phoenix.....+18 dBu
 Digital: 4 × XLR-M.....1 FFS
 Output level adjustable range.....-30 dB~ +20 dB, mute

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Ordering Information

HCS-8300MOD.....8 Channels Audio Output Device
 (AES/EBU digital outputs, analog outputs)

HCS-8300MOA/FSD 8 Channels Audio Output Device



Functions

- Converts the digital audio signals of the Congress System to multi channel analog audio signals, for further processing in infrared simultaneous interpretation systems or recording devices
- Output level of each channel adjustable
- Configurable as Sync/Not sync power on/off with Congress Main Unit

Controls and Indicators

- Graphic 256 × 32 LCD with back-lighting displays 8 CHs output channel number and language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

Interconnections

- 8 × RCA connector for analog audio outputs (unbalanced)
- 8 × 3-pin Phoenix connector for analog audio outputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume and rotary step control for fast selection of language channels
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Ordering Information

HCS-8300MOA/FSD.....8 Channels Audio Output Device (analog outputs, single-mode optical fiber interface, Dante interface)

HCS-8300MOA/FS 8 Channels Audio Output Device



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- Converts the digital audio signals of the Congress System to multi channel analog audio signals, for further processing in infrared simultaneous interpretation systems or recording devices
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Controls and Indicators

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Interconnections

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HCS-8300MOA/FS.....8 Channels Audio Output Device
 (analog outputs, single-mode optical fiber interface, CobraNet interface)

HCS-8300MOA 8 Channels Audio Output Device



Functions

- Converts the digital audio signals of the Congress System to multi channel analog audio signals, for further processing in infrared simultaneous interpretation systems or recording devices
- Output level of each channel adjustable
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Controls and Indicators

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Interconnections

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 Analog: 8 × 3-pin Phoenix.....+18 dBu
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Ordering Information

HCS-8300MOA.....8 Channels Audio Output Device
 (analog outputs)

Function list

| Type No. | Analog output | Digital output | Optical fiber interface | CobraNet interface | Dante interface |
|-----------------|---------------|----------------|-------------------------|--------------------|-----------------|
| HCS-8300MOD/FSD | √ | √ | √ | | √ |
| HCS-8300MOD/FS | √ | √ | √ | √ | |
| HCS-8300MOD | √ | √ | | | |
| HCS-8300MOA/FSD | √ | | √ | | √ |
| HCS-8300MOA/FS | √ | | √ | √ | |
| HCS-8300MOA | √ | | | | |

System Connection [discussion + voting + infrared simultaneous interpretation]

