

## HCS-8300MID/FSD 8 Channels Audio Input Interface



### Functions

- Transmits 8 digital(AES/EBU)/analog audio channels to the interpretation channels of the Congress System, for example for remote interpretation purposes or for transmission to floor channel
- All inputs can be mixed with arbitrary ratio, and outputted to any channel
- 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 input 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-F connector for 8 CHs digital (AES/EBU) audio inputs
- 8 × RCA connector for Line in (unbalanced)
- 8 × 3-pin Phoenix connector for Line in /microphone inputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume control 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 system upgrading 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	65 W

#### Max. audio inputs

Analog: 8 × RCA	+18 dBu
Analog: 8 × 3-pin Phoenix (Line in)	+8 dBu
Analog: 8 × 3-pin Phoenix (Mic. in)	-12 dBu
Digital: 4 × XLR-F	1 FFS
Input sensitivity adjustable range	-20 dB ~ +10 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-8300MID/FSD... 8 Channels Audio Input Interface (AES/EBU digital inputs, analog inputs, single-mode optical fiber interface, Dante interface)

## HCS-8300MID 8 Channels Audio Input Interface



### Functions

- Transmits 8 digital(AES/EBU)/analog audio channels to the interpretation channels of the Congress System, for example for remote interpretation purposes or for transmission to floor channel
- All inputs can be mixed with arbitrary ratio, and outputted to any channel
- 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 input channel number, language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

### Interconnections

- 4 × XLR-F connector for 8 CHs digital (AES/EBU) audio inputs
- 8 × RCA connector for Line in (unbalanced)
- 8 × 3-pin Phoenix connector for Line in /microphone inputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume control 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 system upgrading and saving system parameters. Convenient for system maintenance

### 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	.....	65 W

#### Max. audio inputs

Analog: 8 × RCA	.....	+18 dBu
Analog: 8 × 3-pin Phoenix (Line in)	.....	+8 dBu
Analog: 8 × 3-pin Phoenix (Mic. in)	.....	-12 dBu
Digital: 4 × XLR-F	.....	1 FFS
Input sensitivity adjustable range	.....	-20 dB ~ +10 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-8300MID	.....	8 Channels Audio Input Interface (AES/EBU digital inputs, analog inputs)
-------------	-------	---

## HCS-8300MIA/FSD 8 Channels Audio Input Interface



### Functions

- Transmits 8 analog audio channels to the interpretation channels of the Congress System, for example for remote interpretation purposes or for transmission to floor channel
- All inputs can be mixed with arbitrary ratio, and outputted to any channel
- 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 input channel number, language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

### Interconnections

- 8 × RCA connector for Line in (unbalanced)
- 8 × 3-pin Phoenix connector for Line in /microphone inputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume control 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 system upgrading 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	65 W

#### Max. audio inputs

Analog: 8 × RCA	+18 dBu
Analog: 8 × 3-pin Phoenix (Line in)	+8 dBu
Analog: 8 × 3-pin Phoenix (Mic. in)	-12 dBu
Input sensitivity adjustable range	-20 dB ~ +10 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-8300MIA/FSD	8 Channels Audio Input Interface (analog inputs, single-mode optical fiber interface, Dante interface)
-----------------	--

## HCS-8300MIA 8 Channels Audio Input Interface



### Functions

- Transmits 8 analog audio channels to the interpretation channels of the Congress System, for example for remote interpretation purposes or for transmission to floor channel
- All inputs can be mixed with arbitrary ratio, and outputted to any channel
- 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 input channel number, language name, supporting multi-language menu
- Four buttons for configuration
- Power switch with indicator
- Channel indicators
- Volume adjust knob

### Interconnections

- 8 × RCA connector for Line in (unbalanced)
- 8 × 3-pin Phoenix connector for Line in / microphone inputs (balanced)
- 1 × headphone output socket (Ø 3.5 mm) for monitoring channel languages, adjustable volume control 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 system upgrading and saving system parameters. Convenient for system maintenance

### 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	65 W

#### Max. audio inputs

Analog: 8 × RCA	+18 dBu
Analog: 8 × 3-pin Phoenix (Line in)	+8 dBu
Analog: 8 × 3-pin Phoenix (Mic. in)	-12 dBu
Input sensitivity adjustable range	-20 dB ~ +10 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)

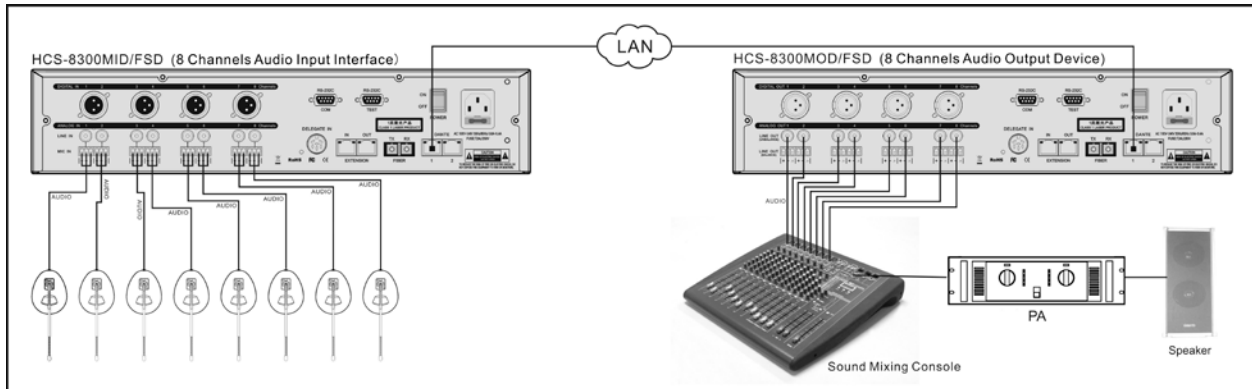
### Ordering Information

HCS-8300MIA	8 Channels Audio Input Interface (analog inputs)
-------------	---

**Function list**

Type No.	Analog input	Digital input	Optical fiber interface	Dante interface
HCS-8300MID/FSD	√	√	√	√
HCS-8300MID	√	√		
HCS-8300MIA/FSD	√		√	√
HCS-8300MIA	√			

**System Connection [HCS-8300MI + HCS-8300MO multi-channel audio transmission]**



**HCS-8300 Series Digital Congress System - Connection Diagram**

