

HCS-8600MIO/16AD

16 Channels Audio Input & Output Device



Functions

- 16 channels digital & analog audio inputs & outputs
- Supports Dante, an uncompressed, multi-channel digital media networking technology, with near-zero latency and synchronization
- With web page control function, parameters can be set through web browser
- Transmits multi digital/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
- Converts the digital audio signals of the Congress System to multi channel digital/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 132 × 32 LCD with back-lighting displays input & output channel number and language name, supporting multi-language menu
- Power switch with indicator

Interconnections

- 16 × 3-pin Phoenix connector for analog audio inputs (balanced)
- 16 × 3-pin Phoenix connector for analog audio outputs (balanced)
- Dante module for 16 channels digital audio transmission
- Duplex SC single-mode optical fiber interface and Extension interface for connection with Congress Main Unit (only one interface can be connected at the same time to the Main Unit)
- Extension interface for connection with the sequencing Congress Extension Main Unit or Audio Input & Output Device
- 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

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: 16 × 3-pin Phoenix (Line in).....	+8 dBu
Analog: 16 × 3-pin Phoenix (Mic. in).....	-12 dBu
Digital: Dante.....	1 FFS
Input sensitivity adjustable range.....	-20 dB ~ +10 dB, mute

Max. audio outputs

Analog: 16 × 3-pin Phoenix.....	+18 dBu
Digital: Dante.....	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.....	50 × 480 × 288 mm
For 19" rack use.....	45 × 480 × 288 mm
Weight.....	3.6 kg
Color.....	Black (PANTONE 419 C)

Ordering Information

HCS-8600MIO/16AD... 16 Channels Audio Input & Output Device
(16 channels audio inputs & outputs, Dante interface, single-mode optical fiber interface)

HCS-8600MIO/08A

8 Channels Audio Input & Output Device



Functions

- 8 channels analog audio inputs & outputs
- With web page control function, parameters can be set through web browser
- Transmits multi 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
- 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 132 × 32 LCD with back-lighting displays input & output channel number and language name, supporting multi-language menu
- Power switch with indicator

Interconnections

- 8 × 3-pin Phoenix connector for analog audio inputs (balanced)
- 8 × 3-pin Phoenix connector for analog audio outputs (balanced)
- Duplex SC single-mode optical fiber interface and Extension interface for connection with Congress Main Unit (only one interface can be connected at the same time to the Main Unit)
- Extension interface for connection with the sequencing Congress Extension Main Unit or Audio Input & Output Device
- 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

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 × 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

Max. audio outputs

Analog: 8 × 3-pin Phoenix.....	+18 dBu
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.....	50 × 480 × 288 mm
For 19" rack use.....	45 × 480 × 288 mm
Weight.....	3.6 kg
Color.....	Black (PANTONE 419 C)

Ordering Information

HCS-8600MIO/08A..... 8 Channels Audio Input & Output Device (8 channels audio inputs & outputs, single-mode optical fiber interface)

HCS-8600MIO/08D

8 Channels Audio Input & Output Device



Functions

- 8 channels digital audio inputs & outputs
- Supports Dante, an uncompressed, multi-channel digital media networking technology, with near-zero latency and synchronization
- With web page control function, parameters can be set through web browser
- Transmits multi digital 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
- Converts the digital audio signals of the Congress System to multi channel digital 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 132 × 32 LCD with back-lighting displays input & output channel number and language name, supporting multi-language menu
- Power switch with indicator

Interconnections

- Dante module for 8 channels digital audio transmission
- Duplex SC single-mode optical fiber interface and Extension interface for connection with Congress Main Unit (only one interface can be connected at the same time to the Main Unit)
- Extension interface for connection with the sequencing Congress Extension Main Unit or Audio Input & Output Device
- 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

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

Digital: Dante.....1 FFS
 Input sensitivity adjustable range.....-20 dB ~ +10 dB, mute

Max. audio outputs

Digital: Dante.....1 FFS
 Output level adjustable range.....-30 dB~ +20 dB, mute

Mechanical

Mounting.....Tabletop or mounted in a 19" rack
 Dimensions (h x w x d)
 For table use, with feet.....50 × 480 × 288 mm
 For 19" rack use.....45 × 480 × 288 mm
 Weight.....3.6 kg
 Color.....Black (PANTONE 419 C)

Ordering Information

HCS-8600MIO/08D.....8 Channels Audio Input & Output Device
 (Dante interface, single-mode optical fiber interface)

Function list

Type No.	Analog input	Analog output	Dante interface	Optical fiber interface
HCS-8600MID/16D	16 channels	16 channels	16 channels	√
HCS-8600MID/08A	8 channels	8 channels		√
HCS-8600MIO/08D			8 channels	√