

## 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
- When the EXTENSION1 interface is set in PC mode, it can be used for network audio transmission, connecting to ASR system, etc.
- With web control function, detailed parameters can be set through web browser
  - ◆ Work as audio input device
    - Set audio source
    - Adjust input gain or set it mute
    - Display input level in real-time
    - Open phantom power for microphone
    - Set input SI channel
    - 5 band Parameterized EQ + DRC (dynamic range compressor)
    - Supports for configuration scene saving, calling and switching
  - ◆ Work as audio output device
    - Display audio source
    - Adjust output gain
    - Display output level in real-time
    - Set output SI channel
    - 5 band Parameterized EQ + DRC (dynamic range compressor)
    - Set analog or digital output
    - Supports for configuration scene saving, calling and switching
  - ◆ Work as BM mode: for booth management
- 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)
- 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.....	20 Hz to 20 kHz
SNR.....	≥100 dBA
Dynamic range.....	≥94 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
Input sensitivity adjustable range.....	-20 dB ~ +10 dB, mute

#### Max. audio outputs

Analog: 16 × 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.....	48 × 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)