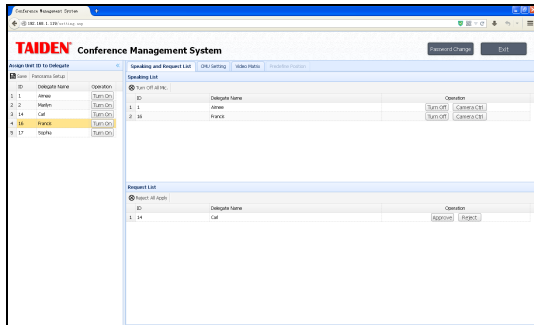


## HCS-3900MA/20 Conference Main Unit



Web Control Page

### Functions

- Compact and practical, designed for small and medium-sized conference rooms
- Compliant to ISO 22259
- Fully digital conference main unit, audio signals processed by high performance DSP
- Conference audio recording and playback
- With built-in monitor loudspeaker, can be directly employed in small and medium-sized meeting rooms without amplification system
- Every conference unit is assigned an individual ID for convenient setup and to avoid double ID allocation forever
- Set any delegate unit to be VIP unit, VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit, except "VOICE" mode)
- Up to 50 contribution units can be connected
- System when operated in stand-alone mode can implement the following facilities:
  - ◆ "ACTIVE MICS", set the number of delegates permitted to speak at the same time
  - ◆ Speaking time limit can be set up (1-240 minutes)
  - ◆ "OPEN" mode, microphone key with request-to-speak registration (AUTO)
  - ◆ "OVERRIDE" mode, microphone key control with override of the active microphones (FIFO)
  - ◆ "VOICE" mode, microphone activation on speaking
  - ◆ "APPLY" mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application
  - ◆ "PTT" mode, press microphone On/Off button to talk

- With web page control function, the user can access the IP address of main unit from web browser to handle meeting management
- Automatic video tracking, when cooperating with camera and video switcher unit
- Built-in unit detection facilities, detect the unit's LED before the meeting

### Controls and Indicators

- 256x64 OLED displays the status and the menu of system configuration
- Four buttons for configuration
- Power switch with indicator
- Line in volume control buttons
- Master volume control buttons
- Earphone volume control buttons

### Interconnections

- Multiple audio in/out interfaces:
  - ◆ One balanced XLR-type connector for audio line in
  - ◆ Two symmetrical RCA input interfaces for audio line in
  - ◆ One balanced XLRM-type connector for audio line out
  - ◆ Two symmetrical RCA output interfaces for audio line out
  - ◆ One USB interface and one SD card slot for conference audio recording and playback. The audio is recorded as \*.aac file. The recording will switch to the other device when SD card (maximum memory: 64 G) or USB stick (maximum memory: 256 G) is full without interruption
  - ◆ One Mini USB interface realizing quality-lossless sound recording on PC and intact input of streaming audio into the system
- One RS-232 port for connection to central control system
- Video switcher interface
- 2xoutlet (6P-DIN) trunk-line cable outlets
- One USB\_H interface for system upgrading
- Ethernet interface (RJ45)

### Technical Specifications

#### Electrical

Frequency response	40 Hz to 16 kHz
SNR	≥90 dBA
Dynamic range	≥94 dB
THD	≤0.05%
Power supply	AC 100 V -240 V 50 Hz/60 Hz
Power consumption	152 W
RS-232 connection	nine-pole Sub-D female socket

#### Audio inputs

LINE IN 1	+18 dBu, BAL.
LINE IN 2	+18 dBu, UNBAL.

#### Audio outputs

LINE OUT 1	+18 dBu, BAL.
LINE OUT 2	+18 dBu, UNBAL.

**Mechanical**

Mounting.....Tabletop or mounted in a 19" rack  
Dimensions (h x w x d).....45 x 483 x 213 mm  
Weight.....3.2 kg  
Color.....Gray (PANTONE 425 C)

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**Ordering Information**

HCS-3900MA/20.....Compact Digital Conference System  
Main Unit (discussion, recording,  
256x64 OLED, 6P sockets)

System Connection

