

## HCS-3600MB2 Conference Main Unit



### Features

- Controls up to 254 contribution units
- TCP/IP communication protocol in PC control
- Remote control, remote diagnosis and remote update
- Parallel redundancy & multi-room configuration
- Excellent immunity to RF interference from mobile phones and comparable devices

The Conference Main Unit includes features for controlling delegate microphones and conducting voting sessions, without an operator. In combination with a PC, the control unit brings greater sophistication to conference control. Users can access an extensive range of software modules, each with a specific function in controlling and monitoring a conference, greatly expanding the capacity to manage a conference. In the event of PC failure, the control unit will revert to its stand-alone operation mode, enabling the conference to proceed.

### Functions

- Compliant to IEC 60914 and CE
- Controls up to 254 contribution units
- Advanced TCP/IP communication protocol in PC controlled mode, easy to carry out remote control, remote diagnosis and remote update
- 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
  - ◆ In "OPEN/OVERRIDE/APPLY" mode, chairman unit can be set up as "Dais mode", it will keep active all the time
  - ◆ Parliamentary voting (YES/NO/ABSTAIN)

- In combination with the corresponding software modules, more functions can be implemented:
  - ◆ Intensive microphone management
  - ◆ Sign-in mode (entry sign-in/seat sign-in)
  - ◆ Multiform voting:
    - Parliamentary: YES/NO/ABSTAIN
    - Questionnaire: 1/2/3/4/5
    - Audience response: --/0/+/>++
  - ◆ In PC-control mode, according to the application software modules purchased, multiple conference management facilities are available
- Automatic video tracking, when cooperating with camera and video switcher unit
- Multi-room configuration: CMU can be used as extension main unit. Multiple CMUs can either be connected into one conference system or be used separately as several independent conference systems, therefore multi-room configuration can be carried out flexibly.
- Built-in unit detection facilities, detect the unit's microphone, voting keys, loudspeaker and LED before the meeting.
- If the PC is broken down, CMU enters the stand-alone state automatically, carrying out basic conference control, ensuring the consistency of conference.

### Controls and Indicators

- Graphic LCD with back-lighting displays the status and the menu of system configuration, supporting multilingual menus
- Four buttons for configuration
- Power switch with indicator
- LINE IN electric level adjust knob
- Maximum active microphone (1/2/4) selector and indicators
- Operation mode selector (OPEN/ OVERRIDE/ VOICE/ APPLY) and indicators
- Conference unit floor audio channel master volume adjust knob

### Interconnections

- Multiple audio in/out interfaces:
  - ◆ Two symmetrical RCA output interfaces, enabling long range transmission with low noise
  - ◆ One record input/output port
  - ◆ One balanced line-in interface (Ø 6.4 mm) with level control
  - ◆ One balanced line-out interface (XLR socket)
  - ◆ Emergency signal interface: for connection to public emergency system. Pauses the conference automatically if the system is switched on and sends alarm signals to conference units
- Built-in video switcher:
  - ◆ 4 BNC video input ports, 1 BNC video output port, cooperates with video control software for automatic video tracking
  - ◆ When cooperating with video switcher unit, more cameras and video signals can be automatically switched and tracked
- 2 RS-232 ports for connection to central control system and system diagnosis each
- One TAINET interface for connection to central control system

- 3×outlet (6P-DIN) trunk-line cable outlets
- Ethernet interface (RJ45)
- Extension interface

**Technical Specifications**

**Electrical**

Frequency response .....40 Hz to 16 kHz  
 SNR .....>80 dBA  
 Dynamic range .....>85 dB  
 Isolation .....>70 dB  
 THD .....<0.05%  
 Power supply .....AC 100 V-120 V 60 Hz or AC 220 V-240 V 50 Hz  
 Power consumption .....150 W  
 RS-232 connection .....2 x nine-pole Sub-D female socket

**Audio inputs**

LINE IN .....0.775 V BAL.  
 REC. IN .....0.775 V UNBAL.

**Audio outputs**

REC. OUTPUT RCA X 1 .....0.775 V UNBAL.  
 ORIGINAL OUTPUT RCA x 2 .....0.775 V BAL.  
 ORIGINAL OUTPUT XLR x 1 .....0.775 V BAL.

**Mechanical**

Mounting .....Tabletop or mounted in a 19" rack  
 Dimensions (h x w x d)  
 For table use, with feet .....99 x 430 x 325 mm  
 For 19" rack use, with brackets .....89 x 478 x 350 mm  
 Weight .....8.2 kg  
 Color .....White (PANTONE 420 C)

**Ordering Information**

HCS-3600MB2 .....Economical Conference System Main Unit  
 (discussion, voting, 256x32 LCD, 6P sockets)

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