

HCS-3600MB2 Conference Main Unit



Features

- Controls up to 256 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 256 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 setup (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 setup 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/+/>++
 - Appraisal:
 - ◇ Satisfied (Four keys voting: perfectly satisfied/satisfied/basicly satisfied/unsatisfied)
 - (Three keys voting: satisfied/basicly satisfied/unsatisfied)
 - (Two keys voting: satisfied/unsatisfied)
 - ◇ Qualified (four/three/two keys voting)
 - ◇ Competent (four/three/two keys voting)
 - ◆ 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, 3-Pin socket) with level control
 - ◆ One unbalanced audio input port (Ø 6.4 mm, 2-Pin socket)
 - ◆ 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, cooperated 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 intelligent 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 (RJ-45)
- Extension interface

Technical Specifications

Electrical

Frequency response40 Hz to 16 kHz
 SNR>80 dBA
 Dynamic range>85 dB
 Isolation>70 dB
 THD<0.05%
 Power supplyAC 110 V/220 V
 Power consumption150 W
 RS-232 connection2 x nine-pole Sub-D female socket

Audio inputs

LINE IN0.775 V BAL.
 REC. IN0.775 V UNBAL.

Audio outputs

REC. OUTPUT X 10.775 V
 ORIGINAL OUTPUT RCA x 20.775 V

Mechanical

MountingTabletop or mounted in a 19" rack
 Dimensions (h x w x d)
 For table use, with feet99 x 430 x 325 mm
 For 19" rack use, with brackets89 x 478 x 350 mm
 Weight11.5 kg
 ColorWhite

Ordering Information

HCS-3600MB2Economical Conference System Main Unit
 (discussion, voting, 256x32 LCD, 6P sockets)

HCS-3600MBP2 Conference Main Unit



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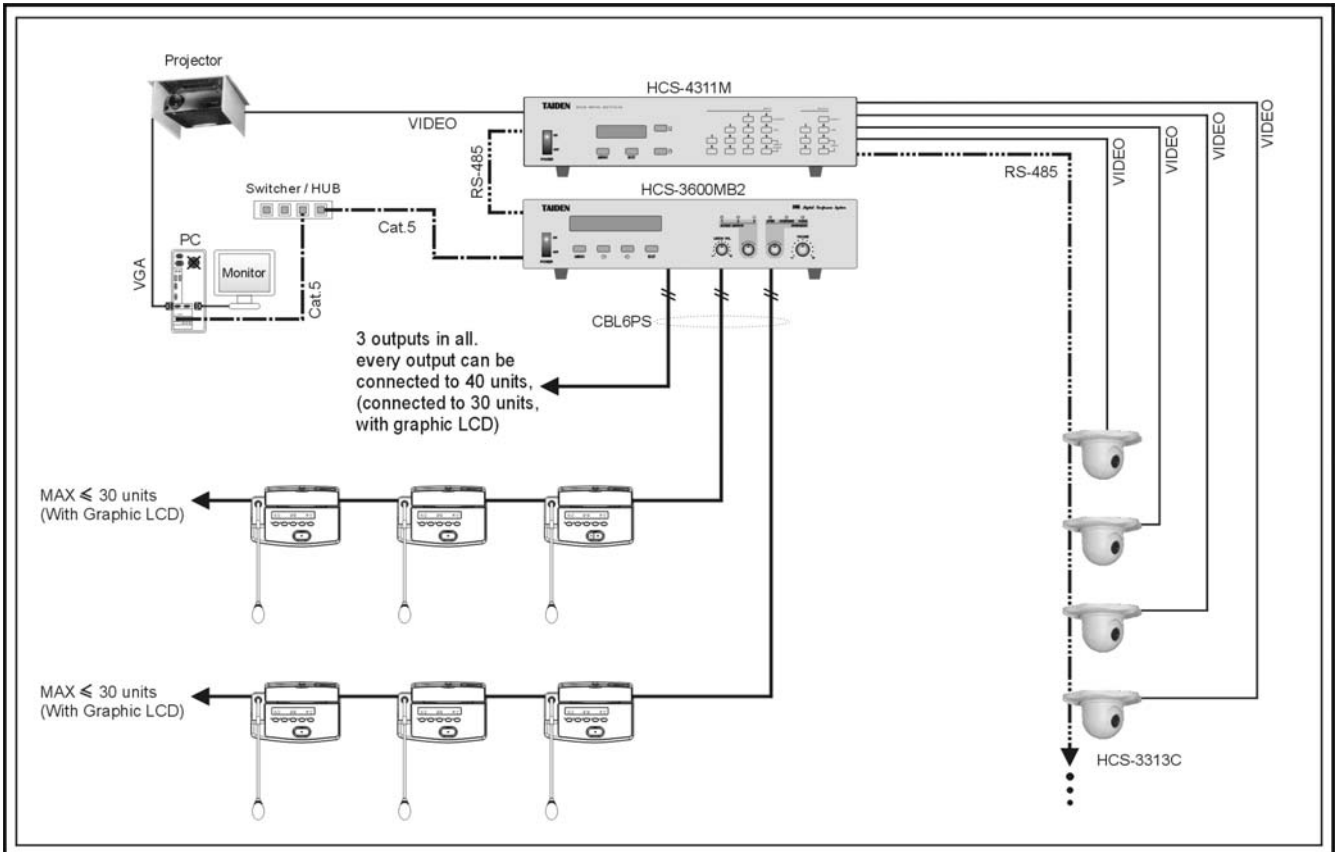
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System Connection



◆ In the HCS-3600 system more than 1 CMUs can be connected in the same LAN via Router/HUB , as many as 256 Contribution Units and 4096 Voting Units can be connected(more than 1 CMU is needed).

HCS-3600MB2 (1)



CMU can be connected directly to PC or via Router/HUB

CBL6PS 6-pin Extension Cable

There are 3 outlets per CMU, Each outlet accommodates 40 contribution units (without LCD); Or 30 contribution units (with LCD).

Cat.5 with RJ-45 plug, Cross-over cable

Router / HUB

Cat.5 with RJ-45 plug Cross-over cable

HCS-3600MB2 (2)



CMU can be connected directly to PC or via Router /HUB.

CBL6PS 6-pin Extension Cable

There are 3 outlets per CMU, Each outlet accommodates 40 contribution units (without LCD); or 30 contribution units (with LCD).

More CMUs can be connected