

Smart touch conference host



HY-6500M5

System Features

1. Adopt DSP/DDOV digital processing and transmission technology, in line with IEC60065 international standard;
2. The aluminum alloy panel is embedded with Mohs hardness grade 6 touch glass, equipped with a 4.5" TFT full-fit touch screen, and a graphical man-machine interface for easy operation and improved debugging efficiency;
3. Equipped with high-performance ARM Cortex A9 industrial-grade embedded processor, 1.4GHz main frequency, 1G memory, faster running speed;
4. It has 8-way unit output interface, including 6-way 8-core and 2-way RJ45 network interface (can be 8-way RJ45), supporting the connection of 240 units;
5. The system capacity is 76,800 units, supporting various connection methods such as ring hand-in-hand, one-line, junction box, and T-type;
6. It has eight meeting modes: first-in-first-out, last-in-first-out, number limit, chairman's permission (application to speak), voice activation, time-limited speech, queuing speech, and free discussion;
7. The number of speakers can be set to 1/2/3/4/5/6/7/8/9, the number of chairmen and VIPs is not limited, and the free discussion mode can be opened without restrictions;
8. Adopt high-fidelity lossless audio transmission technology, 48KHz audio sampling frequency, frequency response is 20Hz-20KHz;
9. Built-in DSP digital audio module, with adaptive feedback suppression, digital equalizer, automatic gain function, to eliminate interference, distortion, crosstalk and other phenomena to the greatest extent;
10. Built-in multi-channel internal communication and conference service functions, the conference host can receive the conference service request information sent by the conference unit;
11. Built-in perpetual calendar, with speech timing function, the display can dynamically display the date, week and time, and the system can automatically synchronize the date, week and time of the computer;
12. With automatic detection function, it has the functions of chairman unit, VIP unit, representative unit quantity detection, audio detection, key detection and list display;
13. Using the ID addressing method, the unit number can be customized to ensure a unique ID number, which can effectively avoid repeated ID conflicts;
14. With dual-machine hot backup function, one conference host can be set as the backup host, and the backup host will automatically take over when the conference host is abnormal;
15. Possess the function of "hot swapping" when the line is live, support automatic repair and rapid location of system faults, and do not affect the operation of other equipment;
16. Built-in camera tracking function, supports PELCO-D, PELCO-P, SONY, SAMSUNG, tracking host and other protocols, and has the ability to adjust, save, and call preset positions;
17. With RS-232 and RS-485 control interfaces and control methods, the cameras can be connected in series or in parallel;
18. Support connection of 4 high-definition cameras, connect the high-definition video decoding box to realize automatic switching of video signals with the high-definition matrix, and have the function of freezing the picture;
19. Built-in electronic voting function, with data management functions such as sign-in, voting, election, and scoring;
20. Support button and IC card sign-in, supplementary sign-in and other functions, sign-in countdown time, sign-in data can be dynamically displayed in real time;
21. Support registered and secret ballot voting methods, all voting can be exported and archived and support graphic printing;
22. With extended simultaneous interpretation function, it can be configured with 4/8/12/16/20/32/64 simultaneous interpretation functions in different languages;
23. Support extended web page control function, no need to install the program, you can set and adjust various functions of the conference through browser access;
24. Support extended Dante protocol audio output, and can communicate with other Dante audio devices;
25. Equipped with voice separation technology, it supports the expansion of 8/16/32/64 channels of analog audio signal output for use by infrared simultaneous interpretation systems or recording equipment;
26. Support extended U disk/SD card automatic recording module, which can record all audio content in the meeting, and can support 2000 hours of continuous recording;
27. With optical fiber expansion interface, the sound quality of long-distance transmission does not attenuate, and it can realize the combination of two long-distance conference rooms into one conference room;
28. It has 1 channel of XLR, 4 channels of Lotus, 1 channel of three-core multi-audio output and 1 channel of XLR, 2 channels of Lotus audio input, and can independently adjust the volume;
29. Support fire alarm signal, remote video conferencing, background music or other auxiliary sound source input interface;
30. The system can access 150 chairman units at the same time. The chairman unit has a priority function and can also shut down other representative units that are speaking;
31. It has the function of intelligent identification, and has the function of approving and rejecting the application of any unit to be changed to chairman unit, VIP unit and representative unit;
32. With online setting and modification of unit identities, the identities of chairman unit, VIP unit and representative unit can be reassigned and set according to requirements;
33. Any chairman or representative unit can be set as a VIP unit, and the VIP unit can speak without restriction, and a maximum of 150 VIP units can be set;
34. It has the function of restoring the factory value, supports one-key reset to the factory state, and prevents the parameters from being disturbed;
35. Support Chinese Simplified, Traditional, and English display menus, and the menu language can be customized according to needs;
36. The system supports conference room merging/splitting functions, suitable for various conference applications;
37. Built-in AC100V~240V international universal power supply and voltage stabilization system to ensure safe and stable use of the voltage under unstable conditions.