

MP6820

Digital Conference System Host



Description

The MP6820 is a digital conference system host dedicated to pure speech functionality, offering superior audio clarity and efficient meeting control for various conference environments. It features 32-bit high-speed floating-point DSP processing for pristine audio clarity, anti-interference design to eliminate disruptions, a 3.8-inch LCD display supporting multiple languages, support for up to 120 microphone units to cater to large meetings, multiple conference modes and practical functions, cascadable expansion, and a range of audio interfaces and RS232 ports for seamless connectivity and control. It's the ideal choice for efficient and convenient conferences.

Features

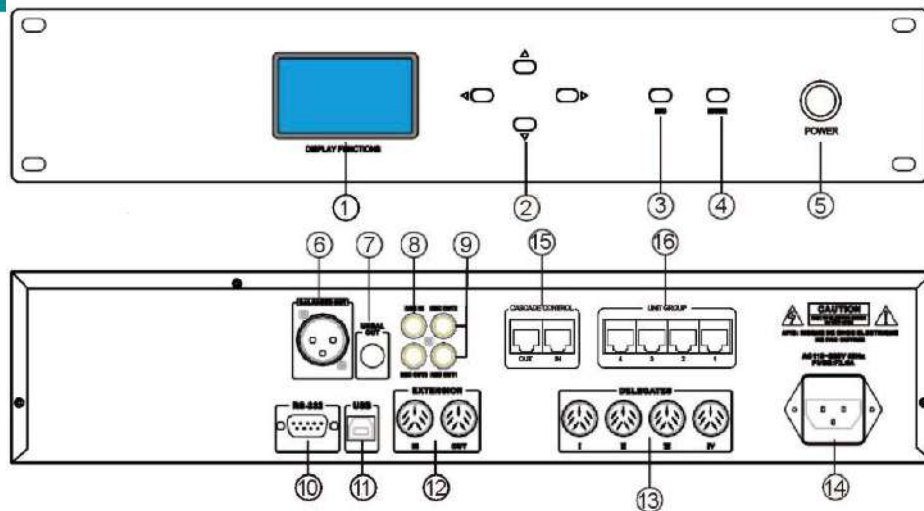
- The audio signal is processed by 32bit high-speed floating point DSP, with a bandwidth of 20Hz-20KHz and perfect clear sound quality.
- Anti-interference circuit design to eliminate any interference from mobile phone signals.
- 3.8-inch LCD display with built-in control menu, which can control related function operations of the conference host and supports simplified Chinese/traditional Chinese and English display.
- 8-core interface design, the host has 4-way 8-core microphone unit access ports.
- Four DIN8P unit interface, each supporting 30 units, can be connected to 120 units, supports 10 chairman units, supports hand-in-hand series connection, T-shaped and ring-shaped hand-in-hand connection modes.
- 5 conference mode: first-in-first-out mode, auto mode, free mode, limit mode, chairman mode.
- It has functions such as number of speeches, automatic closing, time-limited closing, and voice-activated speech.

- Support cascade function, cascade up to 10 hosts.
- Equipped with 1 RS232 interface, which can send the power on and off instructions of each unit individually, and can be connected to the central control host for linkage.

Specifications

Model	MP6820
THD	<0.05%
Frequency Response	20Hz-20kHz
Dynamic Range	>80dB
Sensitivity	-46 dBV/Pa
SNR	>96dBA
Input Impedance	2kΩ
Max. SPL	125dB(THD<3%)
PC Interface	USBx1
Central Control Connection Port	232 Serial Port x1
Display Screen	3.8 inch LCD
Cascade Interface	8P-DINx2
Unit Interface	8P-DINx4
Power Supply	19 inch standard cabinet
Mounting Method	AC110V-220V/50Hz
Product Size	483×322×91mm

Front / Rear Panel



- 1: Display Window: displays the menu, settings and working conditions of the system.
- 2: System function settings and modification buttons \uparrow/\downarrow : Screen menu up and down selection, parameter modification \leftarrow/\rightarrow : Screen menu page turning, selection keys
3. ESC: Return to main interface
4. ENTER: Execute screen menu function
5. POWER: Power switch button
6. Direct sound channel line output interface (3-Pin XLR balanced output)
7. Direct sound channel line output interface (6.3mm Jack/unbalanced output)

8. BGM audio input Interface (RCA×2)
9. Audio output interface (RCA×2)
10. Central control system interface (RS-232 interface)
11. USB local communication connection interface
12. Two-way system expansion ports, which can increase capacity by 5000 units.
13. Four DIN8P unit interface, each supporting 30 units, can be connected to 120 units, support 10 chairman units
14. Power Socket
15. The interface is currently under development and is not yet available for use.
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System Diagram

