D5920

Compact Conference Host

Description

The system features hand-in-hand single-line eight-core digital intelligent control and analog differential audio transmission technology, offering simple operation and easy and quick installation. The system utilizes a high-speed CPU for program editing and control, along with a high-fidelity circuit design to ensure original sound reproduction. It includes automatic system unit detection and innovative speaking mode settings, making it a new generation of multi-functional conference systems. This system is an ideal solution for various types of projects, such as hotels, government agencies, corporate and institutional conference rentals, and multi-functional conference rooms.

Features

- Developed with an eight-core fully digital high-fidelity circuit design.
- Built-in high-performance RISC CPU as the core for stable and fast processing.
- The system host is equipped with an LCD display for more intuitive and user-friendly menu operations.
- The system host has 2 output channels and can connect up to 100 units.
- The system speaking modes include FIFO (first-in-first-out), fully open mode, and chairman mode.
- With a unique high-fidelity audio processing circuit to enhance the clarity of the entire system.
- With a recording output interface, which can be connected to external sound amplification equipment.
- The chairman unit can control the speaking order and manage the meeting atmosphere using the Priority button.
- The conference unit is powered by the system host with a working voltage of DC 24V, meeting safety standards.
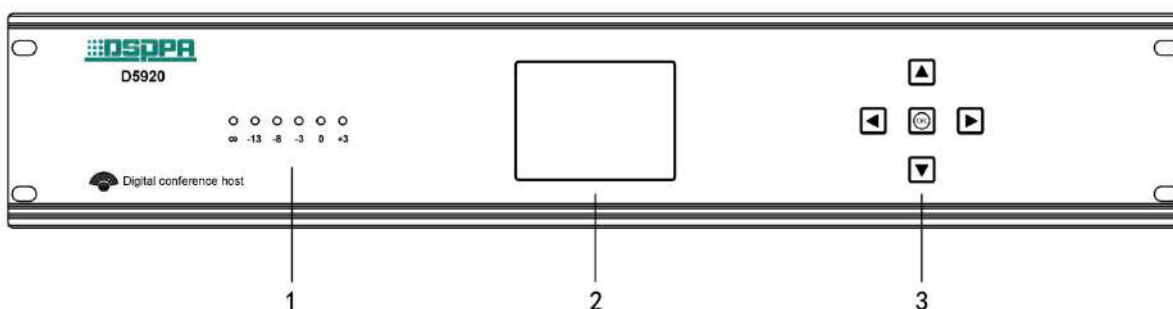
Specifications

Model	D5920
Unbalanced Input Voltage	Input voltage 315 (±20) mV
Balanced Input Voltage	Input voltage 315 (±20) mV
Unbalanced Output Voltage	Output voltage 1000 (±100) mV
Balanced Output Voltage	Output voltage 2000 (±100) mV
Frequency Response	100Hz-18KHz

conference@dsppa.com / www.dsppacs.com

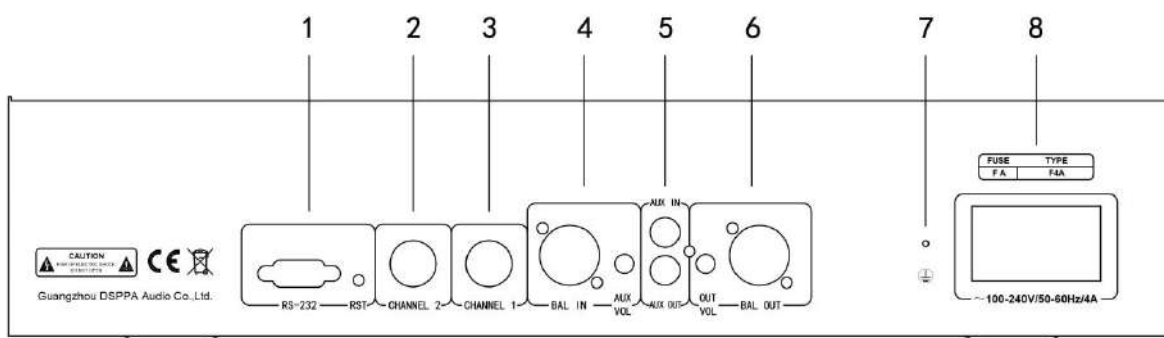|	
S/N Ratio	≥75dB
Harmonic Distortion	≤0.5%
Maximum Power	75W
Static Power Consumption	0.85W
Control Interface	RS232/RS485
Power Supply	AC100-240V/50Hz/4A
Package Dimensions (L×W×H)	525*382*146mm
Machine Dimensions (L×W×H)	430*250*88mm
Gross Weight	3.5kg

Front / Rear Panel

Front Panel

① Audio level indicator.
② Display window: Show system settings and operating status.
③ System functions setting button (Confirm with the "OK" button); Up, Down, Left, and Right buttons.

Rear Panel

① RS232 port: For debugging and communication.
②③ Chairman and delegate unit connector: Two connection routes (each port can connect up to 50 units).
④ System audio XLR balanced input interface and audio input volume adjustment potentiometer: Turn clockwise to increase the volume.
⑤ RCA unbalanced line input and output ports: Can connect to other audio equipment for recording and playback.
⑥ System audio XLR balanced output interface and audio output volume adjustment potentiometer: Turn clockwise to increase the volume.
⑦ Equipment electrical grounding terminal.
⑧ Power input: AC100-240V/50Hz/4A.