

LCS-5203L

Digital Conference System Central Unit



SPON self-developed conference system adopts digital transmission mode, and all devices are deployed through network cables. It mainly implements functions such as local conference, conference sound amplification, and conference video tracking, and is used in small and medium-sized conference rooms.



4.3" Screen

Web
Management



Built-in
AGC

MAIN FEATURES

▲ Network Loop and Connectivity

- Dual Independent Networks: Chairman and delegate units linked through network cables.
- Efficient Loop Network: Self-checking feature for front-end device monitoring.
- High-Quality Audio Transmission: 48KHz Sampling: Lossless digital audio transmission with less than 10ms delay.
- Customizable Audio Settings: Independent or uniform adjustment of input volume, AGC, and EQ for each speech unit.

▲ User Interface and Accessibility

- Real-Time Control: Access the conference central unit's hotspot via PC or mobile for immediate parameter adjustments.
- Intuitive Web and UI Management: Manage settings in real-time through a user-friendly interface.

▲ Recording and Operational Efficiency

- U Disk Recording: Supports real-time recording with up to 64G FAT format U disk.
- Hot Swap Capability: Conference microphones support plug and play with no additional settings needed.
- Advanced Conference Functions: Attendance and Voting: Integrated functionality to initiate attendance taking and voting processes during meetings.

SPECIFICATION

POWER PARAMETERS

Power Supply: AC100V-240V, 50HZ-60HZ

Standby Power Consumption: ≤10W

AUDIO PARAMETERS

Audio Codec: MP3 ,PCM, ADPCM

S/N (Signal-To-Noise) Ratio: >83dB

Audio Sampling & Bit Rate: 8kHz~44.1kHz, 16bit, 8kbps~320kbps

Frequency Response: 40Hz~18kHz

NETWORK PARAMETERS

Network Chip Rate 100Mbps

Network Protocol: TCP/IP, UDP, ARP, ICMP, IGMP, HTTP

Configuration Method: Web Interface

MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method: Rack-Mounted

Installation Environment: Dry Indoor Locations Only

Operating Temperature: 0°C~+45°C (-4°F~113°F)

Operating Humidity: ≤90% RH Non-Condensing

Housing Material: Surface-Treated Steel Plate

Color: Black

Product Dimensions: 483×229.5×89mm

Warranty: 2 Years

ACCESSORIES

1×Power Cord(3*1.0mm²/1.5m) (Optional)

2×Conference Splitter

5×Foot Pad(FF-7)

1×Terminal(3.5-2P)

1×Terminal(3.5-3P)

1×2.4G Glue Stick Antenna

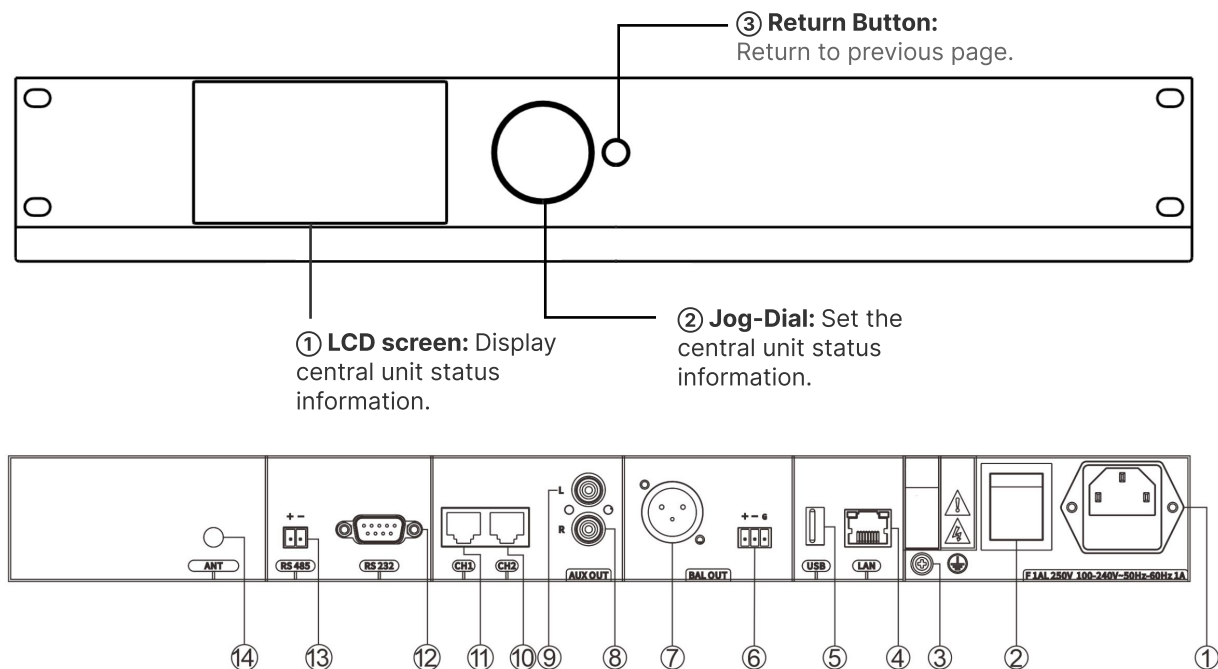
1×Digital Loop Repeater (Optional)

1×Quick Installation Guide

1×Quality Certificate

1×Warranty Card

INTERFACE DESCRIPTION



① Power Socket :Connect to AC220V/50Hz

② Power Switch

③ Ground Hole: Connect to ground

④ RJ45 Network Port

⑤ USB Port

⑥ Wired Microphone Audio Output Channel

⑦ Wired Microphone Audio Output Channel

⑧ Bluetooth Audio Right Channel

Output

⑨ Wireless Microphone Audio/
Bluetooth Audio Left Channel Output

⑩ Conference Microphone Loop 2

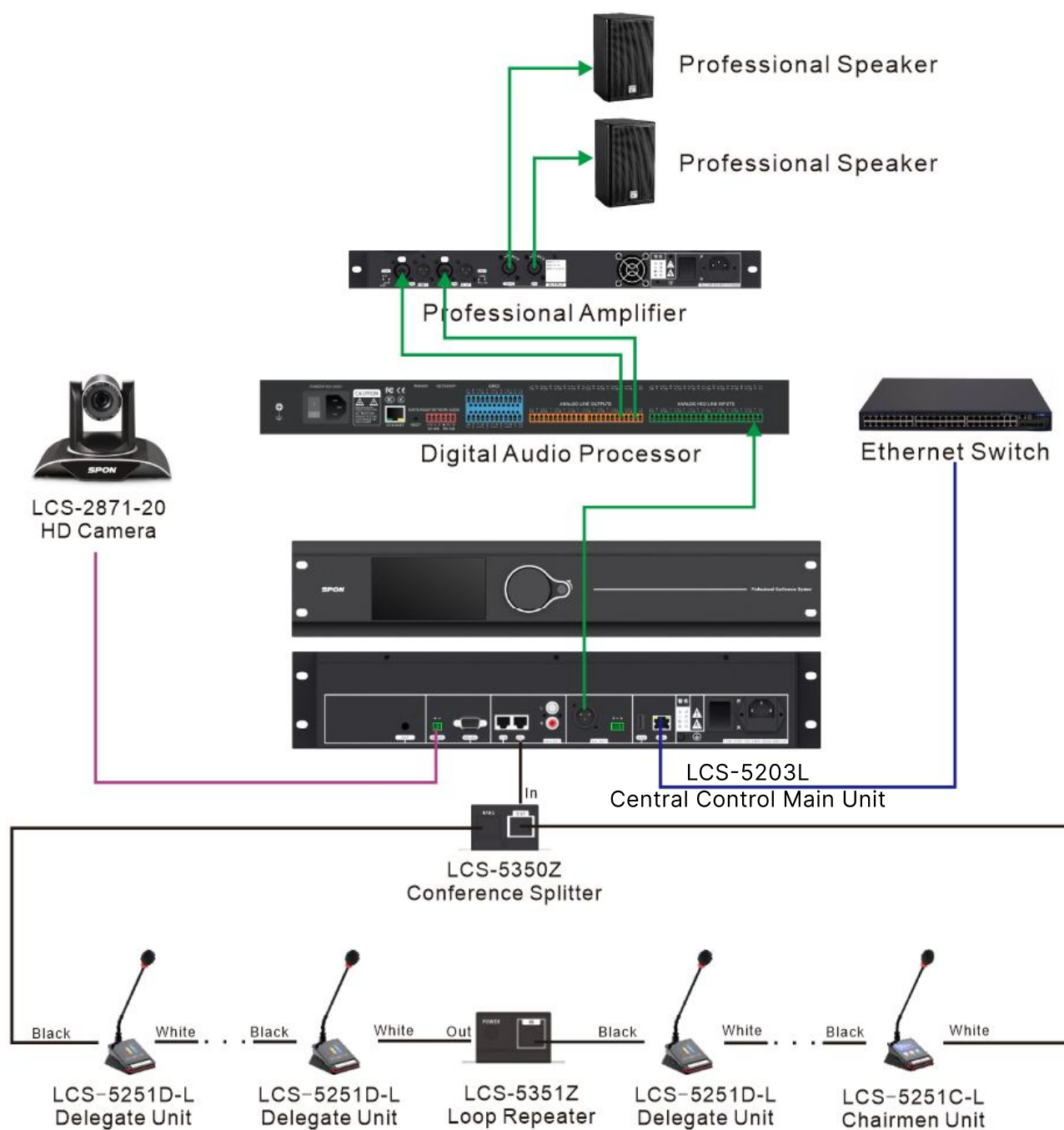
⑪ Conference Microphone Loop 1

⑫ RS232 Interface

⑬ RS485 Interface

⑭ 2.4G Antenna Interface

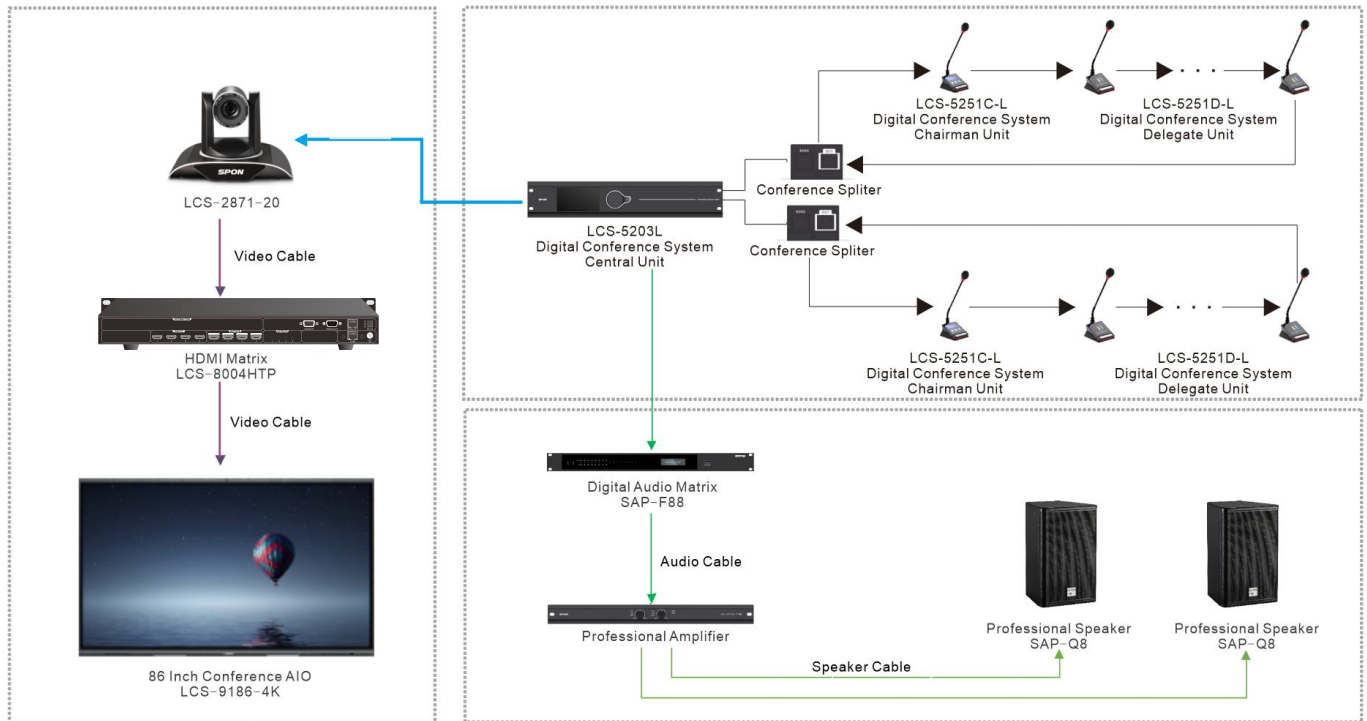
INTERFACE DESCRIPTION



APPLICATIONS

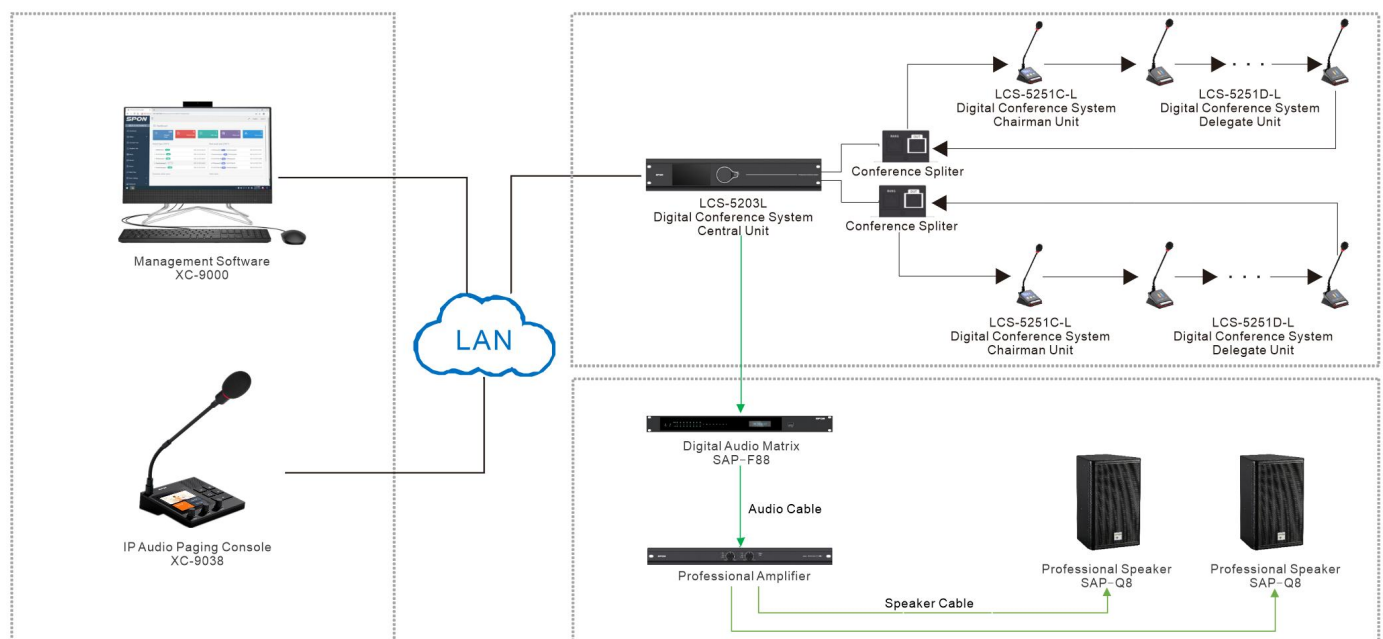
Application 1

The Conference central unit LCS-5203L support to connect with chairman unit and delegate unit for local conference , also it provide audio output interface to realize local conference sound amplification. Meanwhile, it support to connect with HD conference camera for video tracking of conference presentation.



Application 2

The Conference cetral unit LCS-5203L support to receive broadcast from management software or IP audio paging console , also it is support to make two-way intercom with the IP audio paging console.



DIMENSIONAL DRAWING

