

LCM-6010 Master Control Unit (Wired/ Wireless)

INTRODUCTION

LCM-6010 is a digital conference system center unit designed for medium-sized meeting rooms and lecture halls. It integrates wired and wireless discussion, video tracking, sign-in, voting, service call, and matrix control into one platform. With 48kHz digital audio sampling, low-latency transmission, and stable high-fidelity sound, it meets the needs of various professional conference applications.



MAIN FEATURES

- **Flexible System Expansion:** A single loop supports up to 20 microphones, while dual loops with repeaters can expand the system to support up to 42 screen-equipped microphone units for different meeting room sizes.
- **Dual Ring Network Flexibility:** Supports ring network digital transmission and daisy-chain cascading, with up to 2 independent ring networks to meet different deployment requirements.
- **Integrated Conference Functions:** Integrates wired and wireless discussion, video tracking, sign-in, voting, service call, and matrix control in one unit for efficient conference management.
- **Real-Time Recording and Local Storage:** Supports real-time recording to a USB drive up to 64GB in FAT32 format for local storage, archiving, and playback.
- **4.3" Capacitive Touch Screen:** The unit features a 4.3" full-color capacitive touch screen with intuitive UI design, making it easy to configure the system and control all parameters.

Flexible
System Expansion

Dual-Ring Network
Architecture

Integrated
Conference Functions

4.3-inch
Touchscreen

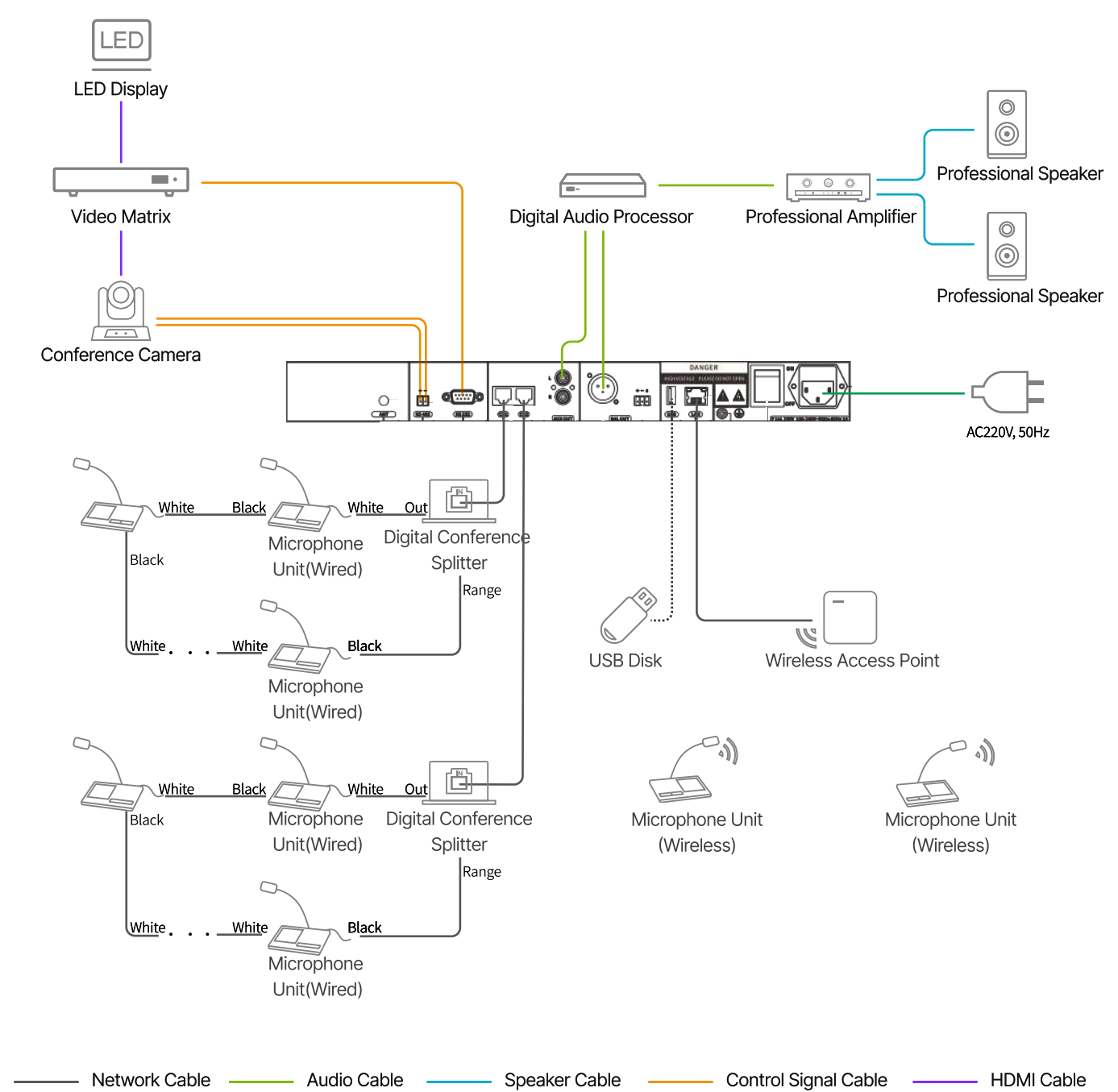




PARAMETERS:

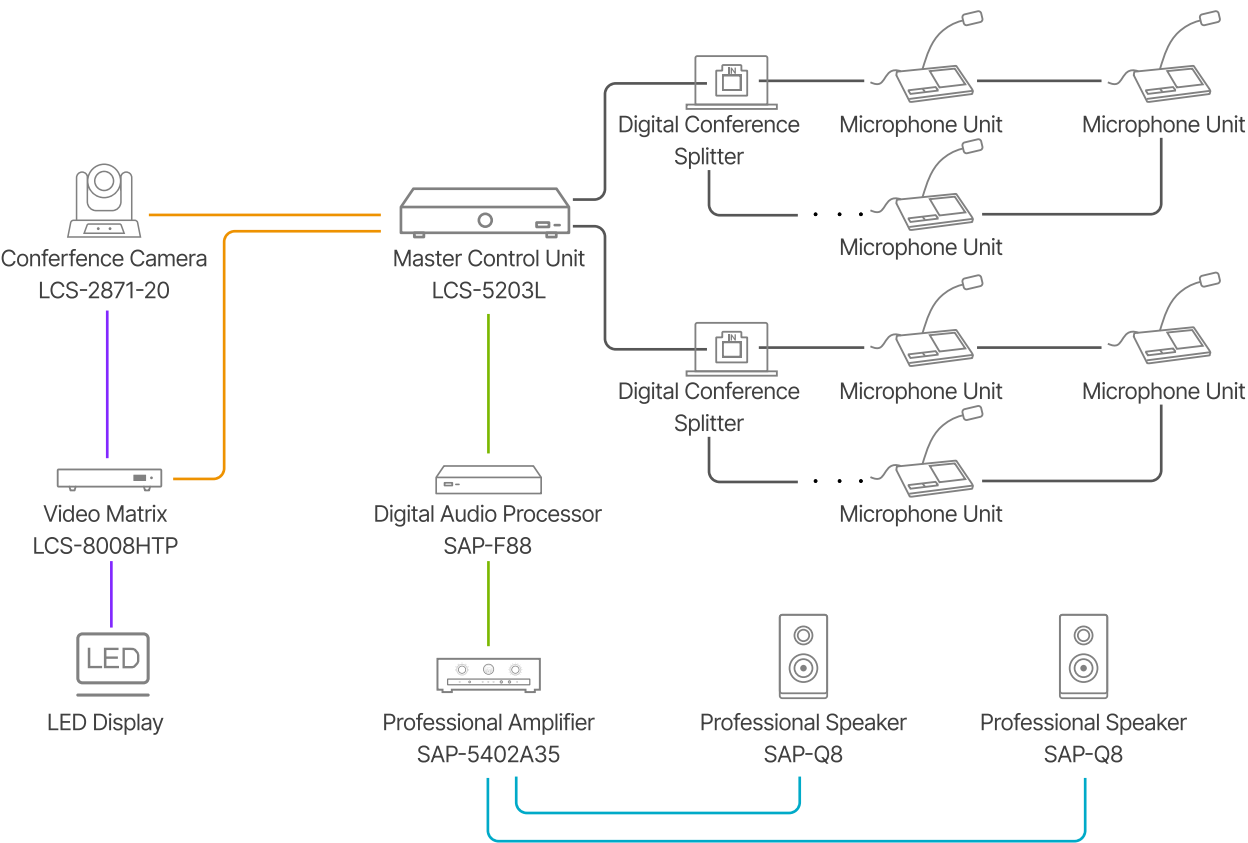
Power Input	100V~220VAC, 50/60Hz
Standby Power Consumption	<10W
Display	4.3" Touch Screen
Resolution	480 × 272
Conference Unit Port	2 × RJ45
Audio recording interface	1 × USB Type-A
Control interface	1 × RS-232 / 1 × RS-485
Audio Output	1 × Phoenix Balanced Output / 1 × XLR Balanced Output / 1 × RCA Stereo Line Output
Frequency Response	40Hz~18kHz (-3dB)
Signal-to-Noise Ratio	>83dB
Dimensions	483×245.6×89 mm
Net Weight	2.7kg
Package Dimensions	540×400×180 mm

CONNECTION DIAGRAM



APPLICATION 1

The LCM-6010 Conference Central Unit supports connection with chairman and delegate units to facilitate local conference discussions. It also provides audio output interfaces for integration with a sound reinforcement system, enabling clear and reliable audio amplification within the meeting room. In addition, the system supports connection to HD conference cameras, allowing automatic video tracking of active speakers for enhanced conference presentation and recording.



DIMENSION

