



LCN-8003C-J

IP Network Wired Gun-Shaped Chairman Unit

- Video Tracking
- 4.3" Touchscreen
- High-Fidelity Microphone
- Analog-Digital Backup
- Representatives Management

4.3-Inch
Touch Screen

Dual Microphone
Array

Analog-Digital
Backup

ANC

MAIN FEATURES

▲ Professional IP Network Conference Design

- Full Digital Transmission: Connects to the LCN-8000 conference host via CAT6 cable for high-speed, lossless audio communication.
- Dual Network Ports: White and black RJ45 ports support ring or daisy-chain topology, ensuring stable and redundant connection.
- 24V Centralized Power Supply: Powered directly from the host for simplified installation and reliable operation.
- XLR Backup Interface: Built-in phantom-powered XLR port allows analog audio backup through external mixers or amplifiers.

▲ Chairman Control and Priority Management

- Chairman Priority Function: Enables the chairman to override or mute delegate microphones when necessary.
- Multiple Conference Modes: Compatible with FIFO, Request, Chairman, Timed, and Voice-Activated modes for flexible meeting control.
- Status Indicators: Independent LED indicators clearly show microphone and speech status.

▲ High-Quality Audio and Microphone Performance

- Dual Gold-Plated Condenser Microphones: 14mm supercardioid capsules capture clear, natural voice with strong directionality.
- Wide Frequency Response: 20Hz–20kHz frequency range with $-41\text{dB} \pm 2\text{dB}$ sensitivity for accurate voice reproduction.

SPECIFICATION

POWER PARAMETERS

Power Supply: Powered By Conference Central Control Unit, DC24V

Power Consumption: $\leq 3.5W$

MICROPHONE AUDIO PARAMETERS

Frequency Response: 20Hz~20kHz

Sensitivity: $-41dB \pm 2dB$ (0dB=1V/Pa @1kHz)

Max SPL: 120dB SPL @1kHz, 1% THD

INTERFACE

RJ45 Port *2

3.5mm Audio Output Jack *1

MECHANICAL & ENVIRONMENTAL PROPERTIES

Mounting Method: Desktop

Installation Environment: Dry Indoor Locations

Display: 4.3 Inch Capacitive Touch Screen

Product Color: Black

Microphone Head: 2×14mm Diameter Gold-Plated Capacitive Microphone

Directional: Supercardioid

Shell Material: ABS/Aluminum Alloy

Working Temperature: 0°C~+45°C

Working Humidity: $\leq 90\%RH$, No Condensation

Product Dimensions: 127(D)×100(H) (mm)

Warranty: 2 Years

ACCESSORIES

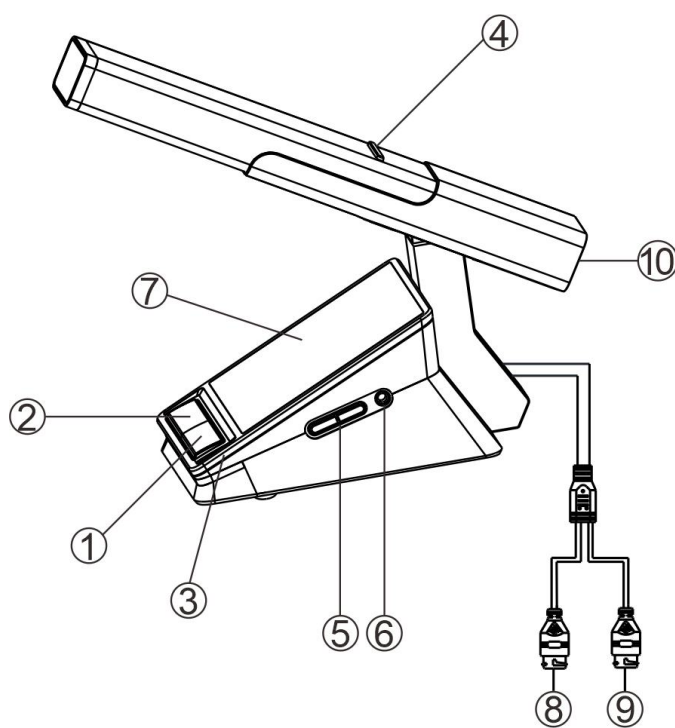
1×Network Cable(1m)

1×Quick Installation Guide

1×Quality Certificate

1×Warranty Card

INTERFACE DESCRIPTION (Chairman Unit)



① Speak Button: LED on when idle; press to speak (LED off).

② Mute Button: LED off when pressed and all the delegate units that are speaking will be muted.

③ Speech Status Indicator: Lights up during speech.

④ Microphone Rod Indicator: Lights up during speech.

⑤ Volume Buttons: + / - for 3.5mm audio output.

⑥ 3.5 mm Audio Jack

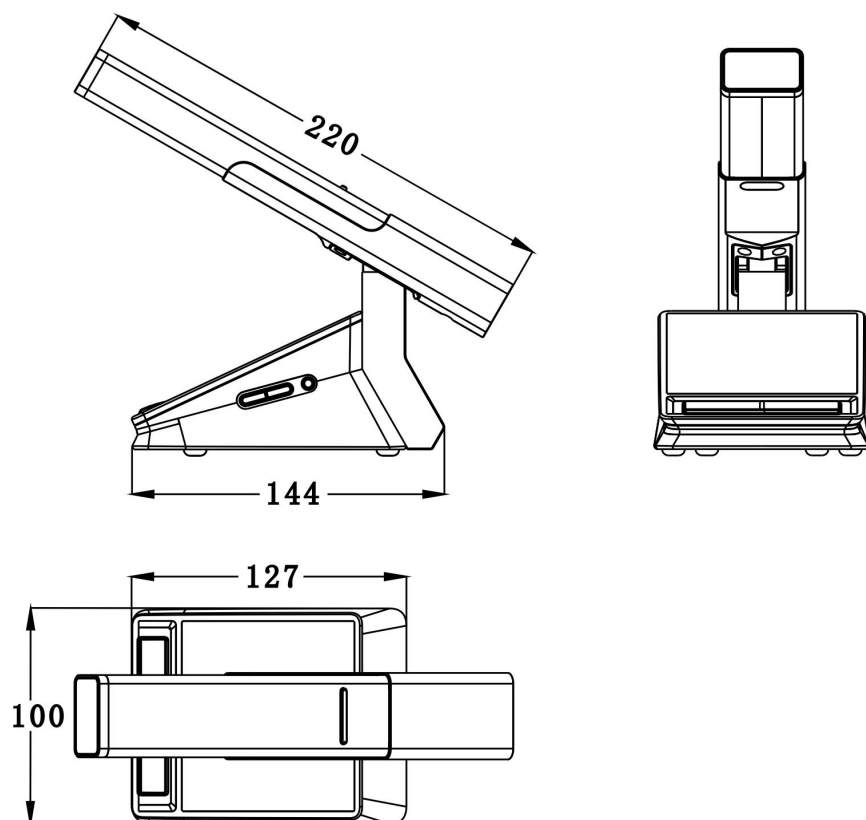
⑦ Touch Screen

⑧ White Network Port: Connect to host (A1-B4) or next wired microphone.

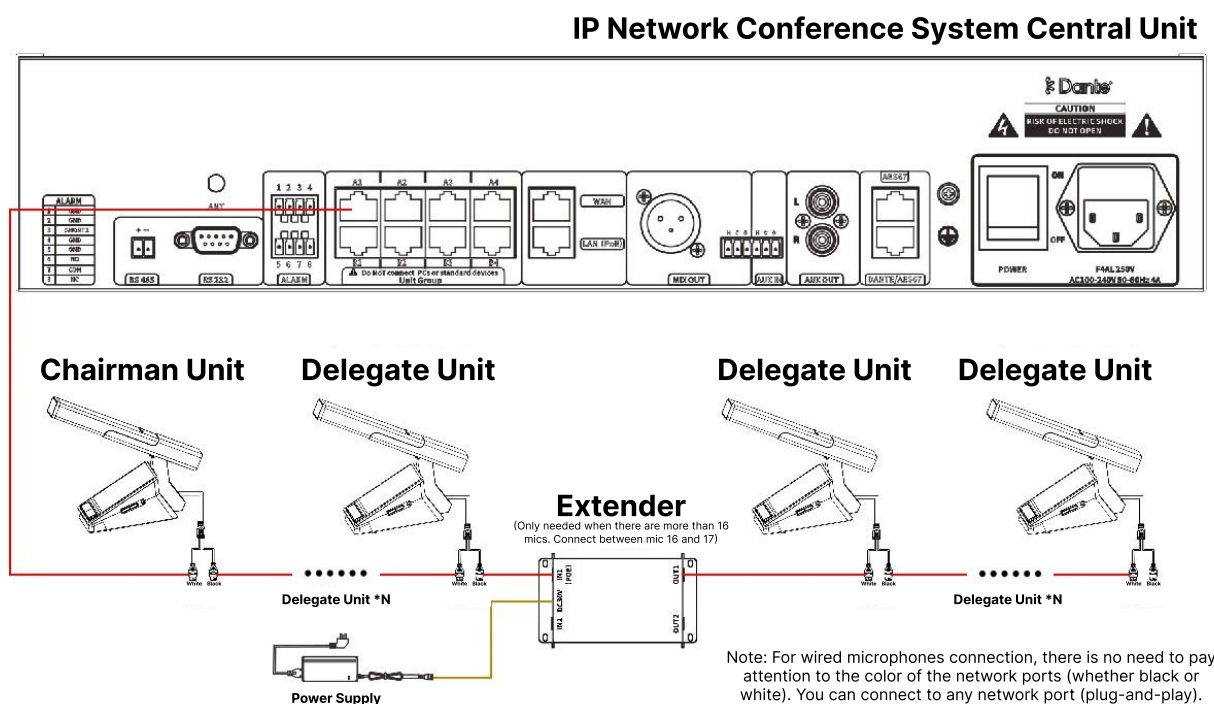
⑨ Black Network Port: Connect to host (A1-B4) or next wired microphone.

⑩ XLR Connector: Requires phantom power for analog backup (e.g., mixer connection).

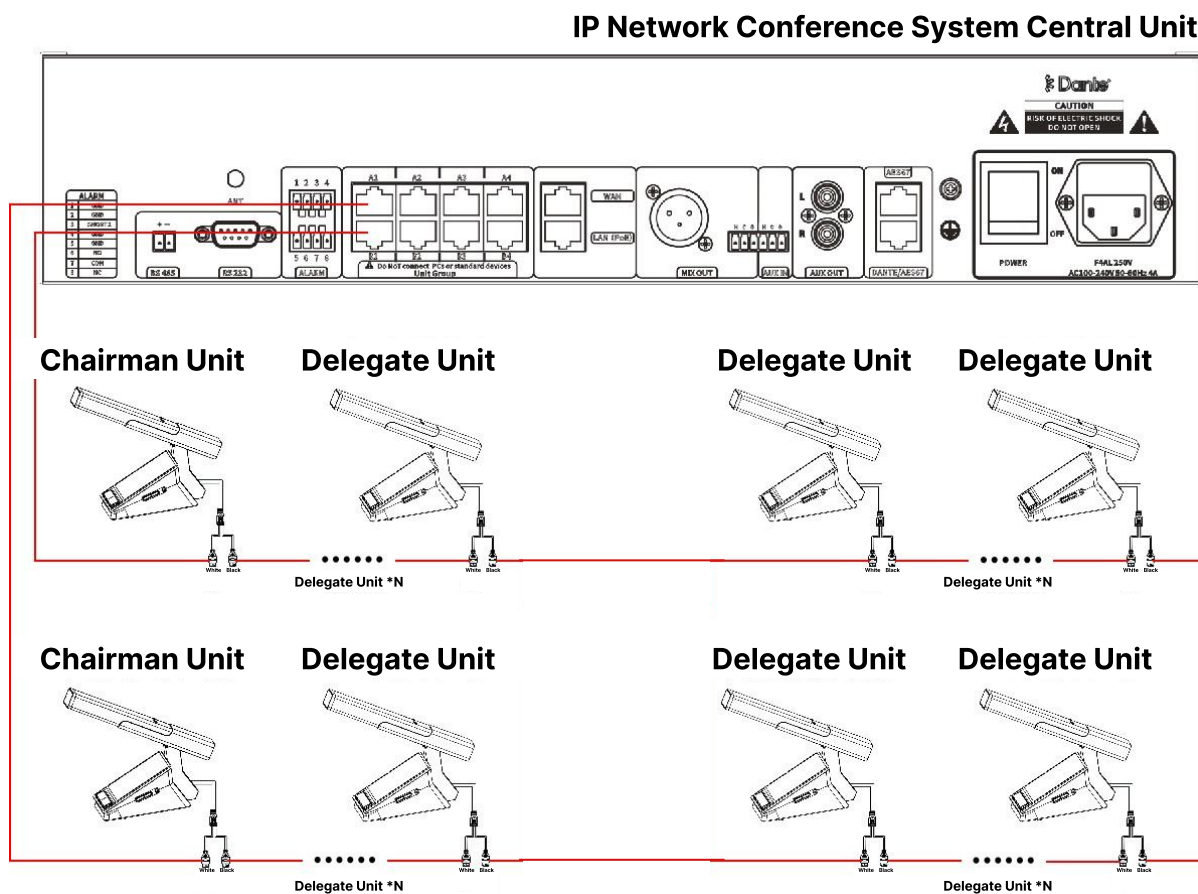
DIMENSIONAL DRAWING



CONNECTION DIAGRAM (Local Daisy-Chain Connection)



CONNECTION DIAGRAM (Local Ring Connection)



CONNECTION DIAGRAM (Network Daisy-Chain/Ring Connection)

IP Network Conference System Central Unit

