



LCN-8003D-J

IP Network Wired Gun-Shaped Delegate Unit

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

4.3-Inch
Touch Screen

Dual Microphone
Array

Analog-Digital
Backup

ANC

MAIN FEATURES

▲ Professional Network Conference Connectivity

- Daisy-Chain or Ring Connection: Connects to the conference host through CAT6 network cable for reliable communication.
- Dual Network Ports: White and black RJ45 ports support flexible wiring between host and terminal units.
- Backup Analog Connection: Equipped with an XLR connector for phantom-powered analog backup (e.g., mixer connection).

▲ Audio and Microphone Performance

- Dual Gold-Plated Condenser Microphones: 14mm capsules ensure clear, low-noise voice pickup.
- Supercardioid Directivity: Effectively suppresses background noise and enhances speech clarity.
- Wide Frequency Response: 20Hz–20kHz with sensitivity of $-41\text{dB} \pm 2\text{dB}$ for natural and accurate sound.
- Built-in Volume Control: Adjustable input level via front volume buttons.

▲ User Interface and Accessibility

- 4.3" Capacitive Touch Screen: Displays operating status and supports intuitive touch interaction.
- 3.5mm Audio Jack: Provides stereo headphone monitoring output.
- Status Indicators: Independent LED indicators for microphone status and speaking status.

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

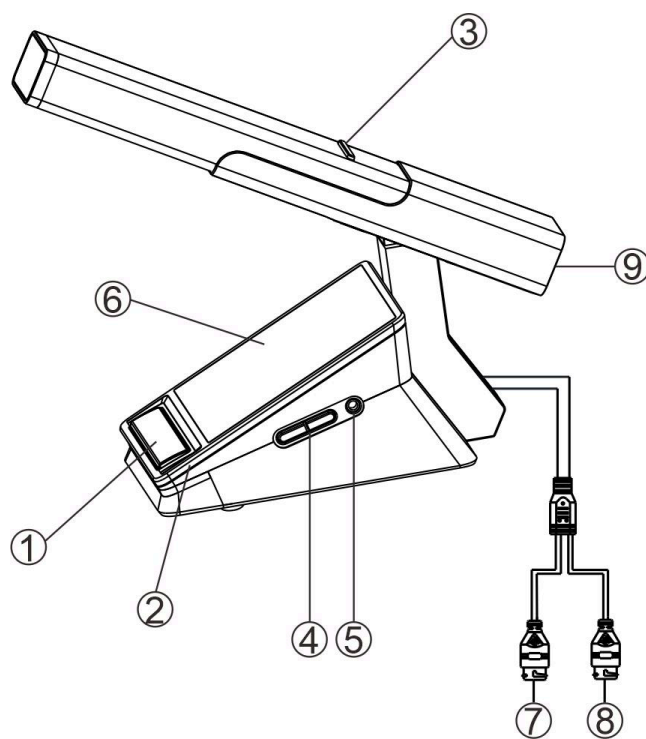
1×Network Cable(1m)

1×Quick Installation Guide

1×Quality Certificate

1×Warranty Card

INTERFACE DESCRIPTION (Delegate Unit)



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

② Speech Status Indicator: Lights up during speech.

③ Microphone Rod Indicator: Lights up during speech.

④ Volume Buttons: + / – for 3.5mm audio output.

⑤ 3.5 mm Audio Jack

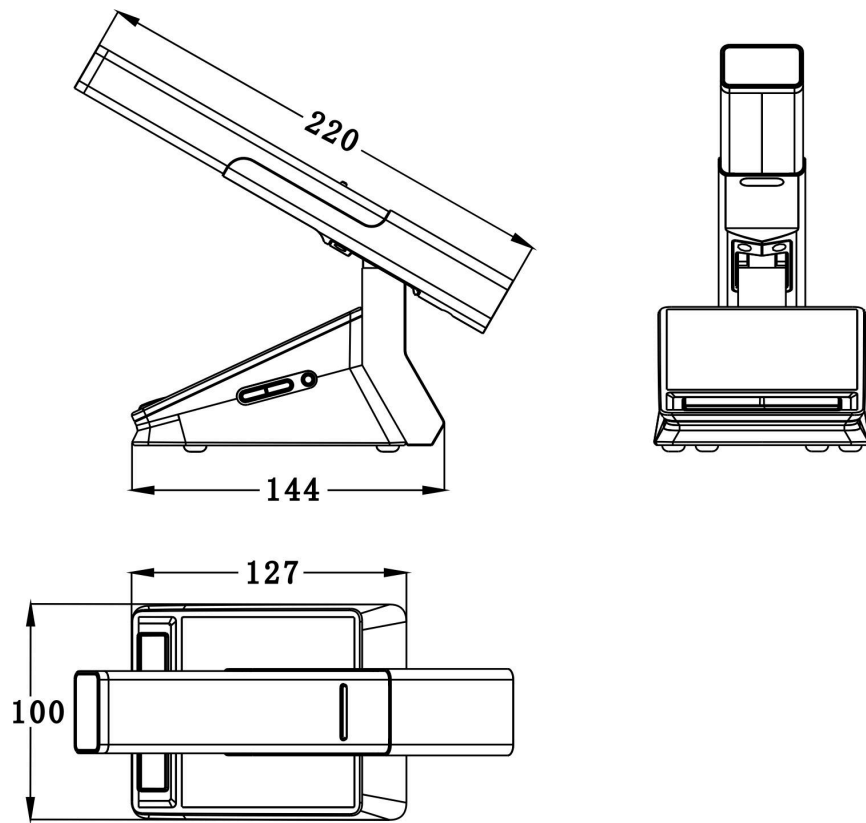
⑥ Touch Screen

⑦ White Network Port: Connect to host (A1–B4) or next wired microphone.

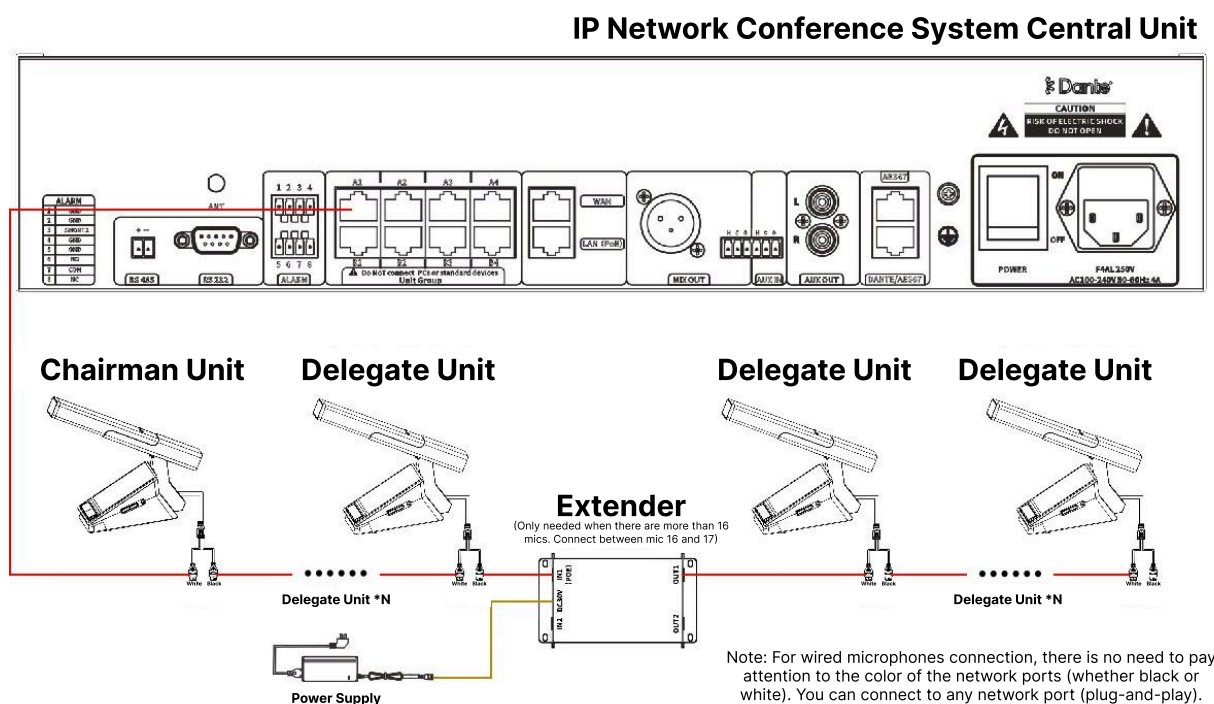
⑧ Black Network Port: Connect to host (A1–B4) or next wired microphone.

⑨ XLR Connector: Requires phantom power for analog backup (e.g., mixer connection).

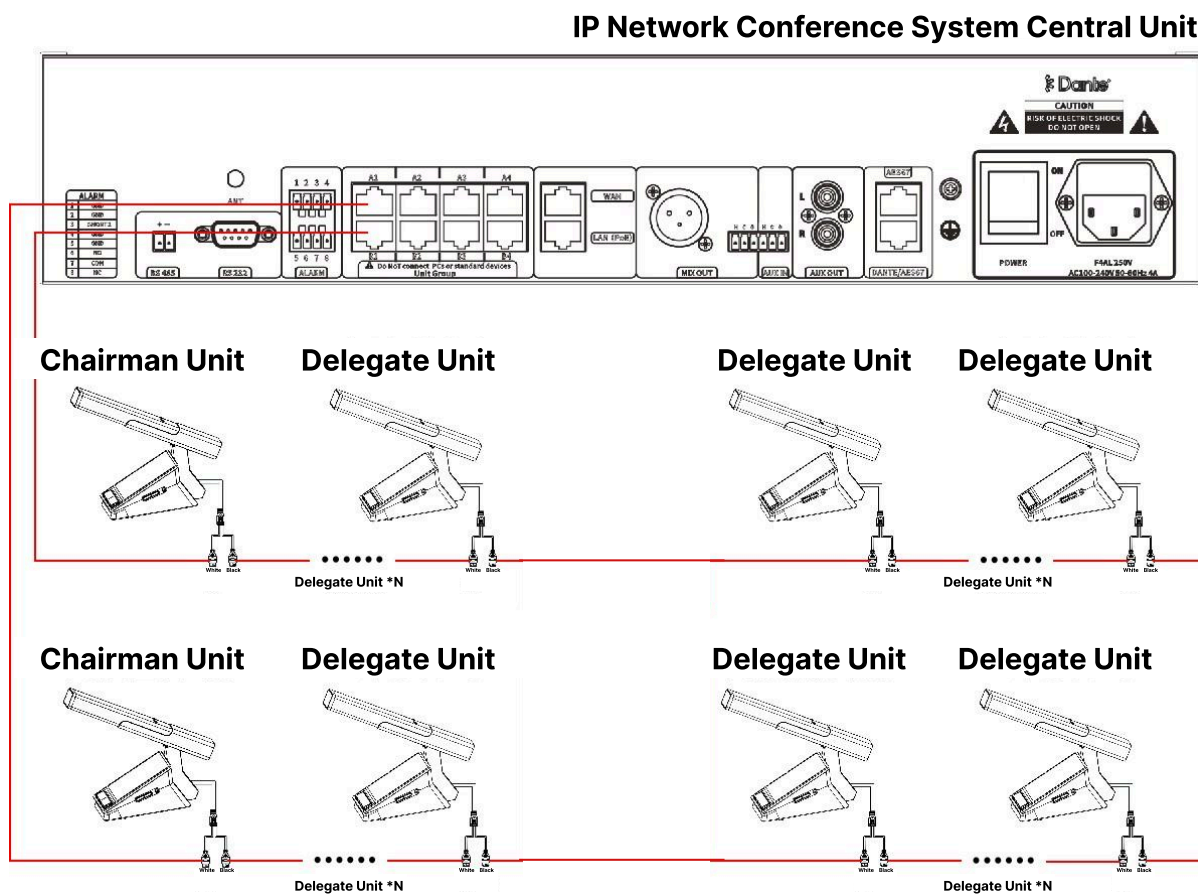
DIMENSIONAL DRAWING



CONNECTION DIAGRAM (Local Daisy-Chain Connection)



CONNECTION DIAGRAM (Local Ring Connection)



CONNECTION DIAGRAM (Network Daisy-Chain/Ring Connection)

IP Network Conference System Central Unit

