

LCN-8003C-L IP Network Wired Microphone Unit

INTRODUCTION

LCN-8003C-L is an IP network wired conference microphone unit designed for modern IP conferencing systems. It features a 4-inch touchscreen and AI noise reduction for high-fidelity, clear audio pickup, making it suitable for professional conference room environments.

MAIN FEATURES

- **Professional IP Network Wired Conference Connection:** The conference microphone unit is built on a full IP network architecture and supports multiple topology connections including daisy-chain, ring, and star networking. This design ensures stable and reliable signal transmission without interruption.
- **4-Inch Touchscreen for Intuitive Conference Control:** IP Network Wired Microphone Unit features a 4-inch capacitive touchscreen that allows users to easily manage conference functions and view system status. The clear interface improves operation efficiency and provides a better control experience for professional meetings.
- **AI Noise Cancellation for Clear Speech:** AI noise reduction technology can effectively filter transient noises such as coughing, clapping, tapping on the table, and collisions of tea cups, ensuring pure and natural voice transmission, thereby enhancing the overall audio quality in modern IP conference environments.
- **Video Tracking and Smart Conference Service:** The conference microphone unit supports camera tracking to automatically focus on active speakers during meetings. It also integrates smart conference functions such as meeting sign-in, voting, and service requests like tea or assistance.



Network Connection

4" Touch Screen

Smart Noise Reduction

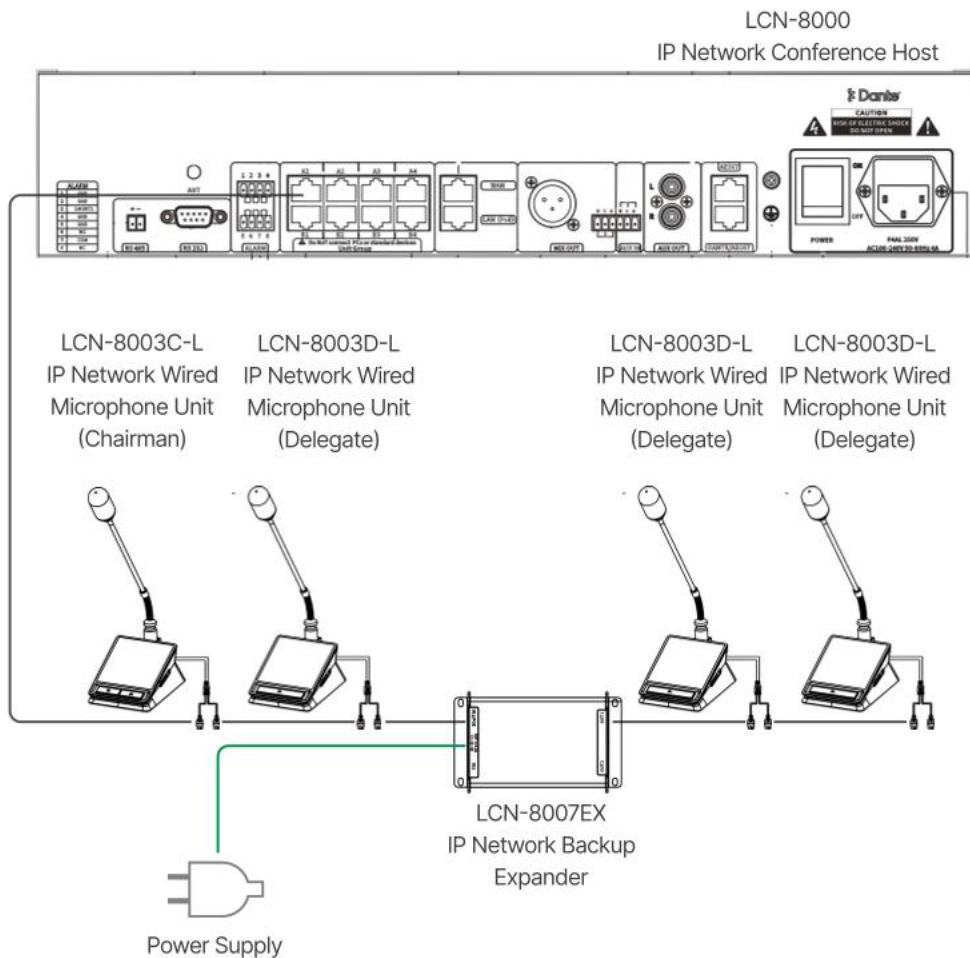
Gooseneck Design



PARAMETERS:

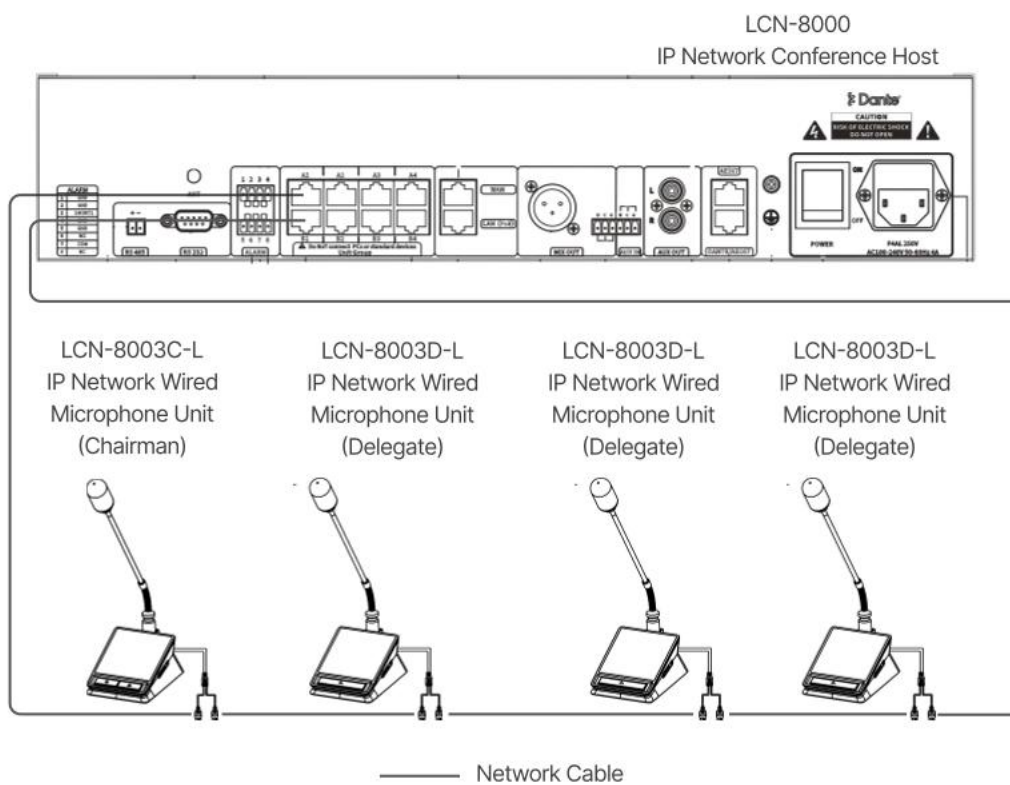
Input voltage	24VDC, centrally powered by the host
Standby Power Consumption	<3.5W
Display	4" touch screen
Resolution	480 × 480
Connection interface	2 × RJ45
Connection mode	Daisy-chain
Sound pickup microphone head	1 × 14mm gold-plated condenser microphone head
Directivity	Supercardioid
Microphone frequency response	20 Hz-20 kHz
Microphone sensitivity	-41dB±2dB (0db=1V/Pa at 1 kHz)
Maximum sound pressure level of microphone	120dB SPL, 1 kHz at 1% T.H.D
Dimensions (Without Gooseneck Stem)	100 × 144 × 67 mm
Length of microphone from mounting surface (Microphone stem additional purchase required)	D14001: 380mm D14002: 465mm D14004: 580mm
Package Dimensions	246 × 178 × 116 mm
Net Weight	0.69kg
Warranty	2 Years

CONNECTION DIAGRAM (LOCAL DAISY-CHAIN CONNECTION)



Note: For wired microphones connection, there is no need to pay attention to the color of the network ports (whether black or white). You can connect to any network port (plug-and-play).

CONNECTION DIAGRAM (LOCAL RING CONNECTION)



DIMENSION

LCN-8003C-L		PRODUCT DESCRIPTION IP NETWORK WIRED MICROPHONE UNIT
MM	WEIGHT 0.69kg	
OUTER DIMENSIONS 100 x 144 x 67 mm (Without Goose-neck Stem)		UNIT HEIGHT N/A

