

LCN-8003D-J IP Network Wired Microphone Unit

INTRODUCTION

LCN-8003D-J is an IP network wired microphone unit designed for modern IP conference systems. It features a 4-inch touchscreen, three-microphone beamforming and AI noise reduction, capturing clear speech up to 80 cm for professional meeting rooms.



Network Connection

4" Touch Screen

Three-Mic Beamforming

Smart Noise Reduction

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.
- **Three Microphone Beamforming for Accurate Voice Pickup:** The built-in three microphone beamforming technology focuses on the speaker's voice while reducing surrounding noise. It improves speech clarity and ensures accurate voice capture ideal for professional meeting room audio systems.
- **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.
- **Long-Distance Voice Pickup up to 80 cm:** The microphone unit supports voice pickup up to 80 cm distance, allowing speakers to talk naturally without staying too close to the microphone. This flexible pickup range improves comfort and communication efficiency in conference rooms.

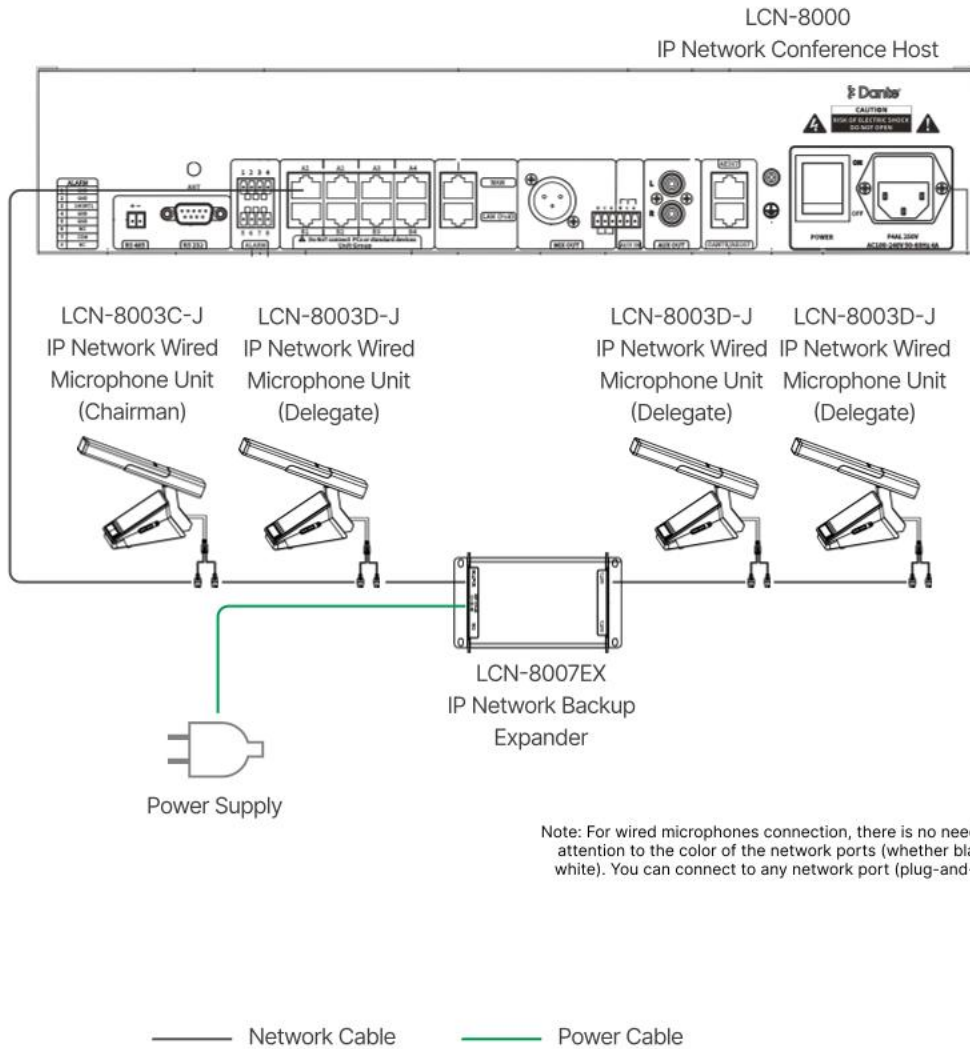




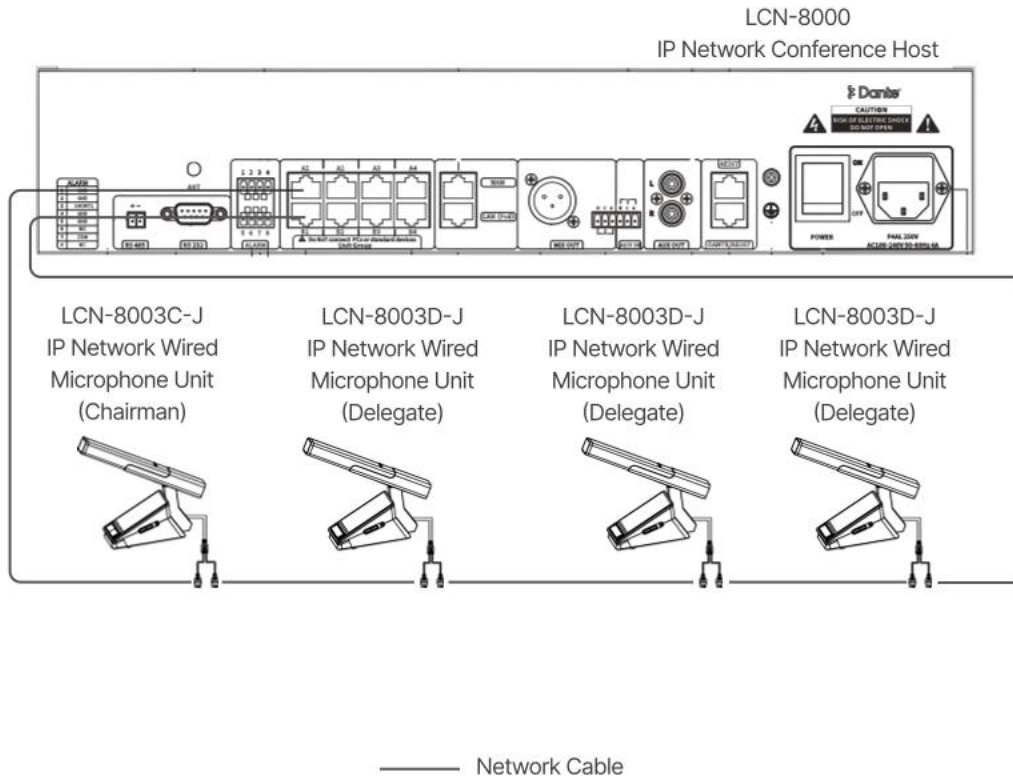
PARAMETERS:

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	3 × 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	220 × 100 × 111 mm
Package Dimensions	390 × 200 × 160 mm
Net Weight	0.99kg
Gross Weight	1.5kg
Warranty	2 Years

CONNECTION DIAGRAM (LOCAL DAISY-CHAIN CONNECTION)



CONNECTION DIAGRAM (LOCAL RING CONNECTION)



DIMENSION

