

LCN-8007EX IP Network Backup Expander

INTRODUCTION

LCN-8007EX is an IP network backup extender designed for the LCN-8000 series conference system. It provides power to chained microphones, increases single-chain capacity, and enables LAN-based expansion via switches. With dual network ports, ring support, and a rugged metal casing, it enhances system scalability and reliability.

MAIN FEATURES

- **High-Power Expansion & Power Supply:** Supports up to 80W power output to chained microphones, expanding up to 18 units in DC mode and 3 units in PoE mode, greatly increasing system capacity.
- **Flexible Dual-Mode Networking:** Can connect directly to the host or any LAN switch, allowing microphones to be deployed anywhere in the venue with simplified cabling and high installation flexibility.
- **Dual Ring-Supported Network Ports:** Features two input and two output Ethernet ports to support ring connection, improving link redundancy and system stability with automatic fault recovery.
- **Rugged Metal Enclosure & Hidden Installation:** All-metal anti-interference housing supports wall and under-table mounting, saving desktop space and maintaining a clean, professional appearance.
- **Daisy-Chain Relay & Long-Distance Extension:** Acts as a power relay in daisy-chain connections to solve power attenuation over long distances and support large-scale venue deployment.



Link Backup Expansion

Network Power Expansion

Ring Network Transmission

POE

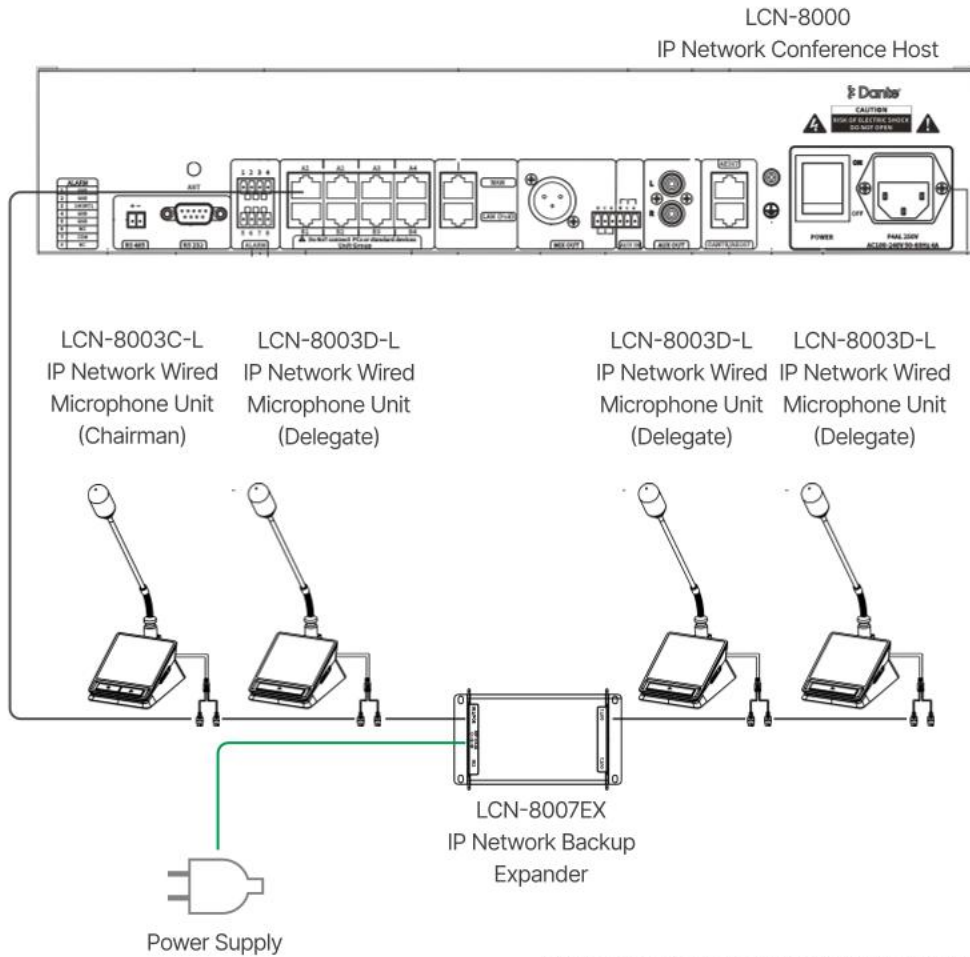




PARAMETERS:

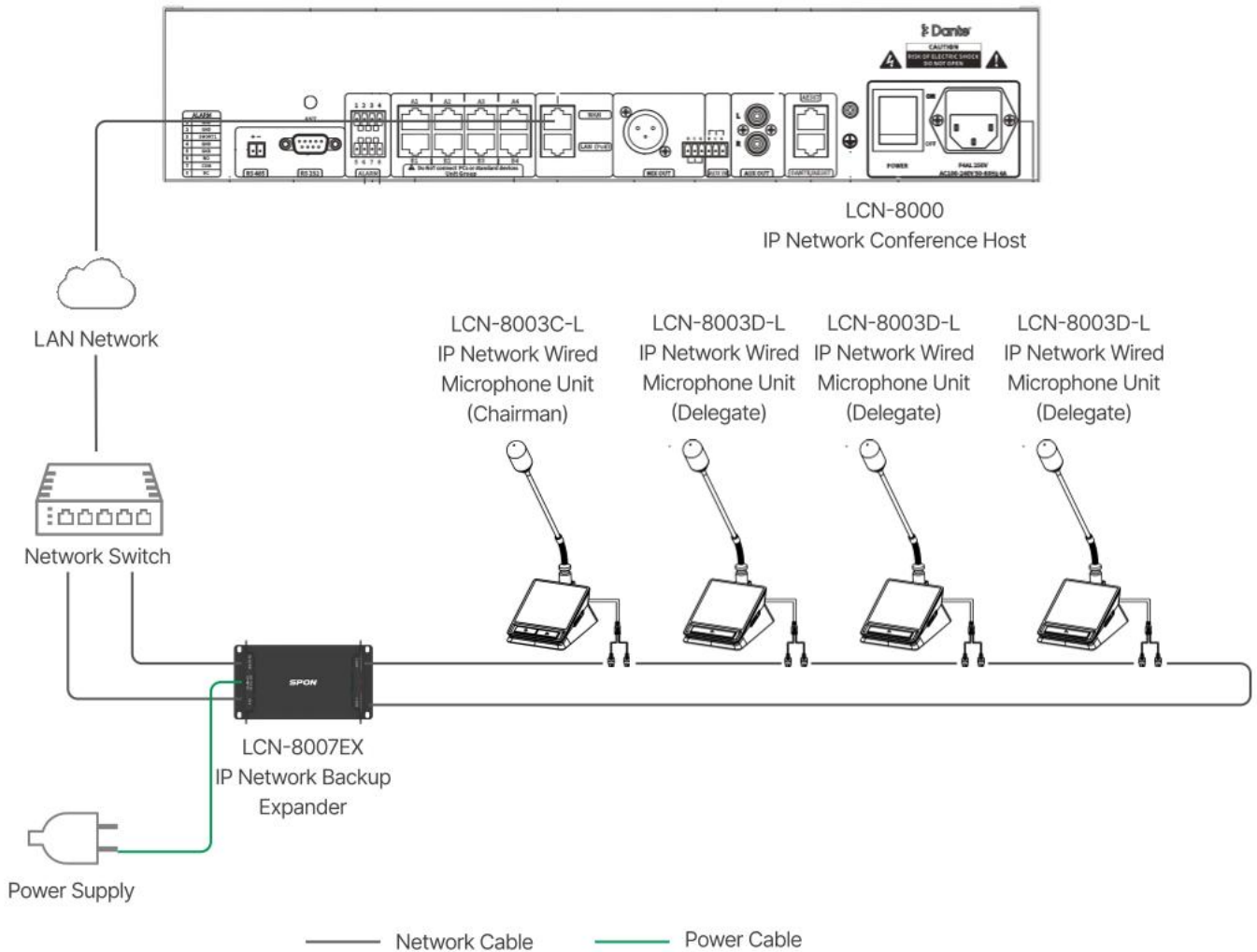
Input voltage	30VDC
Input current	3A
Upper interface	2 × RJ45, where IN1 supports POE power supply
Lower port	2 × RJ45
Material	Metal
Dimensions	123 × 29 × 74 mm
Net Weight	0.2kg
Warranty	2 Years

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 (NETWORK DAISY-CHAIN/RING CONNECTION)



DIMENSION

