



Intelligent IP Network PA System

1-Channel Audio Input Adapter

M-9301

User Manual



Thank you for choosing LYINTL public address system products.
Please read this manual carefully before using the devices.

Product Description

The M-9301 IP Audio Acquisition Terminal is a high-performance front-end device designed for M-9200 IP-based Public Address (PA) Systems. It captures analog audio signals from various traditional sources such as CD players, DVD players, MP3 players, or other line-level devices, encodes them into high-quality 48kHz digital audio streams, and delivers them in real-time to designated IP network broadcast terminals.

This compact and rugged device is ideal for applications requiring real-time audio streaming, centralized music broadcast, or scheduled remote content acquisition, helping to bridge traditional AV sources with modern IP network-based audio distribution systems.

Key Features

Professional 1U rack-mount design with a full black metal chassis and sleek brushed aluminum front panel — durable and industrial-grade.

One line-level AV audio input, with independent volume control and signal indicator LED for input status monitoring.

Converts analog audio into high-fidelity 48kHz digital stream, transmits over IP for playback on network broadcast terminals.

Supports remote management and multi-source input via centralized server software; enables scheduled or on-demand streaming.

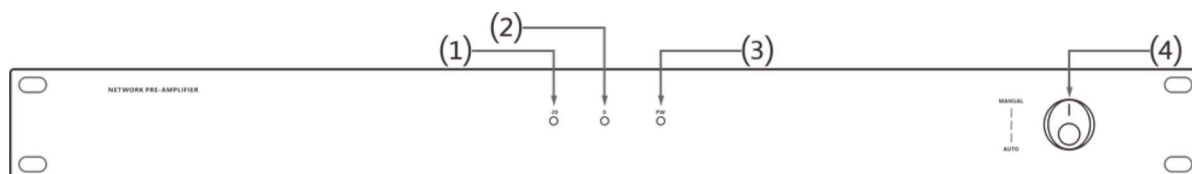
Hardware-based encoding ensures low latency and high sampling accuracy with excellent stability.

Supports major IP protocols such as TCP/IP, UDP, IGMP (multicast) — highly compatible with existing network infrastructures.

Low power consumption (<10W) and passive cooling design for 24/7 continuous operation.

Compact and reliable — ideal for digital campuses, transportation hubs, factories, smart buildings, and multi-zone PA applications.

Front Panel



- (1) -20dB Signal Indicator
- (2) 0dB Signal Indicator
- (3) Power Indicator
- (4) Power Switch

Rear Panel



- (1) Power Input
- (2) Power Output 1
- (3) Power Output 2
- (4) Volume Control
- (5) Line Output
- (6) AUX Input
- (7) Network Input

Product Specifications

Model number	M-9301
Network interface	1 standard RJ45 port
Network latency	≤200ms
Audio input	1 RCA jack (2 ports) input
Audio output	1 RCA jack (4 ports) output
Sampling rate	48KHz
Signal-to-noise ratio	> 70dB
Network port speed	10/100M adaptive
Supported protocols	ARP、UDP、TCP/IP、ICMP、IGMP(Multicast)
Rated power consumption	<10W
Operating temperature range	-20℃~85℃
Operating humidity range	20%~80%

Product Views



Specifications are subject to change without prior notice.

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