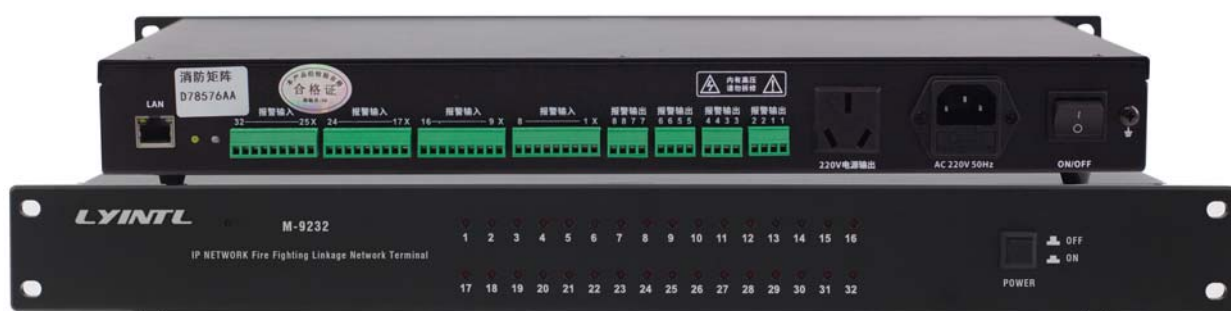




32-Channel Fire Fighting Linkage Network Terminal

M-9232

User Manual



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

Product Description

The M-9232 is a professional fire alarm interface device designed for integration with the M-9200 Network Audio Broadcasting System. It supports 32 channels of fire alarm signal input and 8 channels of linkage output, providing fast, stable, and reliable emergency audio broadcasting in critical situations.

Featuring a high-grade 1U brushed aluminum front panel, the M-9232 delivers both elegant design and industrial-level durability. It adopts embedded computer architecture and DSP audio processing technology to ensure ultra-fast response (boot time <1s) and consistent performance under demanding environments.

With its one-key emergency alarm function, static IP configuration, and customizable alarm tones, the M-9232 offers flexible deployment in schools, shopping centers, factories, office buildings, and large-scale public facilities.

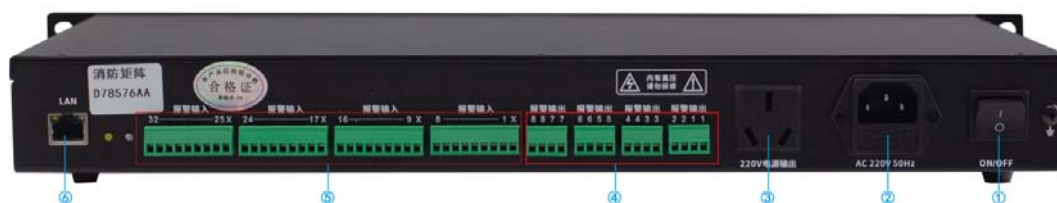
Key Features

- * 32-channel alarm input and 8-channel linkage output
- * Alarm signal priority with automatic forced insertion
- * Fixed static IP ensures stable communication
- * Compatible with M-9200 digital audio system
- * One-key full-area emergency broadcast
- * Embedded DSP processing for high-speed response
- * Wide voltage input (AC100–240V) and global usability
- * Industrial-grade design, working from -20°C to +85°C

Front Panel



Rear Panel



- ① Power Switch
- ② Power Input: AC220V 50Hz
- ③ Power Output: AC220V 50Hz
- ④ Signal Output: 1-8 Channel Short-circuit Output
- ⑤ Alarm Signal Input: 1-32 Channel Fire Alarm Signal Input
- ⑥ LAN Port: Communication with IP PA Network System

Product Operations

When using the device for the first time, please configure the fire alarm communication interface in the System Settings window of the broadcasting server. In most cases, the IP address here should be the same as the broadcasting server's IP address. For detailed IP configuration, please refer to the "Digital IP Network Broadcasting System User Manual", Fire Alarm section. The IP parameters of this terminal are set the same way as general terminals — through the "Digital IP Network Broadcasting Terminal Management Client" software. (Device IDs start from No.1. Device No.1 corresponds to channels 1–32, Device No.2 corresponds to channels 33–64, and so on.)

Fire alarm modes include Task Alarm and Linkage Alarm.

When Linkage Alarm mode is enabled, Task Alarm mode cannot be used, and vice versa.

Task Alarm:

When a signal is detected in the alarm zone assigned by a task, the system will trigger the corresponding alarm terminal based on the task configuration.

Linkage Alarm:

When a signal is detected, the system will activate the linkage alarm according to the preset alarm plan.

Note:

When using the Linkage Alarm mode, the signal points of the fire alarm collector must correspond one-to-one with the terminal device numbers connected to those signal points. Each time you modify the linkage alarm settings in the broadcasting server, you must save the configuration and restart the broadcasting server to apply the changes.

Product Specifications

Item	Specification
Power Supply	AC100~240V / 50Hz
Standby Power Consumption	≤1W
Alarm Input	32 channels (short-circuit signal input)
Alarm Output	8 channels (linkage signal output)
Network Protocols	ARP, UDP, TCP/IP, ICMP, IGMP
Audio Bitrate	8Kbps – 320Kbps
Sampling Rate	8KHz – 48KHz
Audio Format	MP3
Transmission Rate	10/100Mbps
Network Delay	≤50ms
Operating Temperature	-20°C ~ +85°C
Operating Humidity	20% – 80%
Dimensions (W × D × H)	485 × 365 × 89 mm

Specifications are subject to change without prior notice.

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