MAG6408 Network Column Alarm Terminal

Description

The network column alarm terminal MAG6408 is a fully digital analog-to-digital conversion signal processor based on the TCP/IP transmission protocol. At the same time, using the network as the signal transmission medium, it can be combined with the network system to realize an outdoor help alarm interactive system. With dual network redundancy design, it can be connected to any place that the network can reach. It is suitable for broadcasting needs in schools, banks and urban security and other fields.

Features

- Using the network as the signal transmission medium, it can be combined with the network system to realize an outdoor help alarm interactive system.
- The system uses unicast technology and point-to-point transmission, which greatly enhances the reliability of the network system.
- The host can be compatible with terminals with different functions, and makes different responses to different requests of each terminal, making it easy to realize personalized services.
- The host can respond to the request of the emergency help terminal in a timely manner, and establish a data connection between the emergency help terminal and the designated monitoring terminal to realize the real-time intercom between the help-seeking point and the monitoring point.
- The outdoor emergency help terminal is equipped with warning lights, status lights, microphones,

speakers, and help buttons. It is easy for users to find and use the terminal in an emergency.

- The outdoor emergency help terminal has outdoor waterproof function.
- The outdoor emergency help terminal has language prompt function.
- The number of alarm microphones can be configured according to the actual needs of users.
- The alarm microphone can be connected with the active speaker or headset to talk to the outdoor emergency help terminal.
- With dual network interface redundant design, it can work across network segments.
- Can be connected to any place where the network reaches.
- With an MP3 player and an SD slot for playing local programs.
- With built-in speaker and microphone for intercom function.
- Support 16bit digital audio stream decoding with a maximum sampling rate of 48kHz.
- With built-in 2×25W or 1×50W high-fidelity digital amplifier, with low power consumption.
- Can play background music, emergency paging, and alarm signals from the system host.
- With one auxiliary audio input port, one auxiliary audio output port, two microphone inputs, one EMC emergency output port, and one short-circuit output.
- Can set the audio source priority level and priority depth of the network audio source, local line audio source, and local microphone audio source through the network.

Specifications

Items		Indicators
AUX IN	Input Sensitivity	350 mV±50mV
	Frequency Response	20Hz-16kHz(±3dB)
	Distortion	≤0.5%
	Noise	1.7mV
	SNR	≥77 dB
AUX OUT	Output Sensitivity	1000mV±100mV
	Frequency Response	20Hz-20KHz(±3dB)
	Distortion	≤0.5%
	Noise	0.12 mV
	SNR	≥78 dB
Maximum Output Power of Built-in Amplifier	Independent Channel	25W/4Ω
	BTL Mode	50W/8Ω
Maximum Harmonic Distortion of Built-in Amplifier		≤0.7%
Built-in Speaker		2W
MIC IN	Input Sensitivity	5mV±1mV
	Frequency Response	20Hz-16kHz(±3dB)
	Distortion	≤0.7%
	Noise	1.7 mV
	SNR	≥77 dB
MP3	Output Sensitivity	11V±1V
	Frequency Response	20Hz-16kHz(±3dB)
	Distortion	≤0.6%
	Noise	1.5mV
	SNR	≥77dB
Supported External USB Capacity		32GB
Power Supply		AC220V/50Hz

The specifications will be subject to change without prior notice.

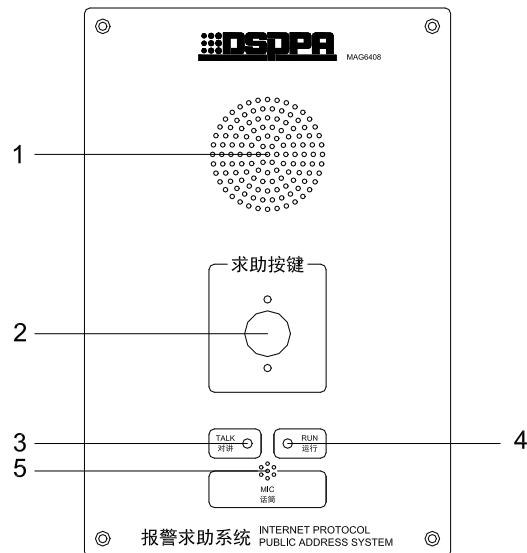| Overcurrent, Overheating, Overvoltage and Undervoltage Protection	Satisfied
Package Dimensions (L×W×H mm)	500×480×2000
Machine Dimensions (L×W×H mm)	420×400×1910
Gross Weight	26
Net Weight	24.5

Front / Rear Panel

1 Speaker

When the device talks with the alarm microphone, the voice of the alarm microphone is output from the speaker port.

2 Alarm Button

When an emergency occurs, press this button to send out an alarm signal for help. When the button is pressed, the built-in red indicator light of the button lights up.
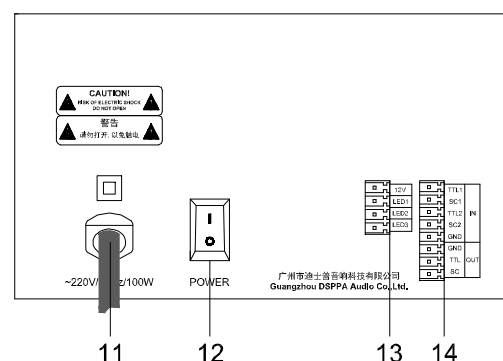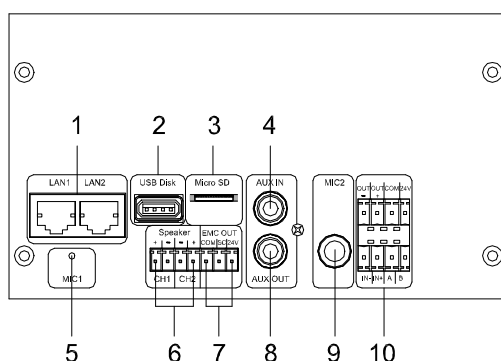
3 Intercom Indicator

The indicator is on when the device talks with the alarm microphone (MAG6588).

4 Running Indicator

This indicator is on when the device is operating normally.

5 Built-in MIC

When the device talks with the alarm microphone, the voice is input from the microphone.

1 Network Interface (LAN1/LAN2)

This machine is designed with dual network ports to connect the network switch.

2 USB Port (USB Disk)

This function is unavailable now.

3   SD Card Slot (Micro SD)

Insert the SD card with the timing point of the host into this slot, so that the host can play the audio source regularly when the terminal is disconnected.

4   AUX IN

Connect an audio source device (like DVD) to expand the program source for this machine.

5   MIC1 Pickup Window

When the host performs live monitoring, the signal is input from this window.

6   Amplifier Output Port (Speaker)

This machine has a built-in 2×25W digital amplifier, with the output power 25W of the output port respectively. It can connect two constant-resistance (4Ω) speakers respectively or bridge an 8Ω speaker for a single-channel mode of 50W. See page 5 for the connection method. See **page 5** for the connection method.

7   EMC Overridden Output

The signal output from this interface is controlled by the host.

8   AUX OUT

Connect other amplifiers to expand the power of this terminal.

9   MIC2 IN

Connect a MIC for local paging or live speech.

10 Color Screen On-demand Terminal Connection Port

This extended function is unavailable now.

11   AC220V Power Cord

Supply working power for this machine.

12   POWER

Press the "**I**" position to turn on the power, and press the other side to turn off the power.

13   Alarm LED Output

Connect 2 external alarm LEDs.

14   TTL Level and SC IN/OUT (Reserved Port)

Two TTL level inputs, one TTL level output, two short-circuit signal inputs, and one short-circuit signal output.