

MAG808 8x8 Digital Audio Matrix PA System



Features

- 7" touch screen, built-in control software, integrated with audio matrix, zones, timing, voice alarm, etc.
- 8 channel balanced audio inputs, 8 channel balanced audio outputs, each channel with individual EQ control
- Each zone support remote panel control, including audio selection, audio input and volume control
- Support 4 remote paging microphone, 2 local Mic with phantom power supply
- Support MP3 playing (built-in audio or external USB), FM. Built-in 4G memory sticker, can extend to 32G
- Built-in one-touch alarm, chime input, Fire Alarm input, 8 dry contact inputs and one dry contact output
- Built-in TEL input module, with password management, support TEL paging to all zones
- Support monitoring function, can monitor each individual zone separately
- Support remote computer control and Android pad control within the same network
- Support AC Power input and DC 24V input

Description

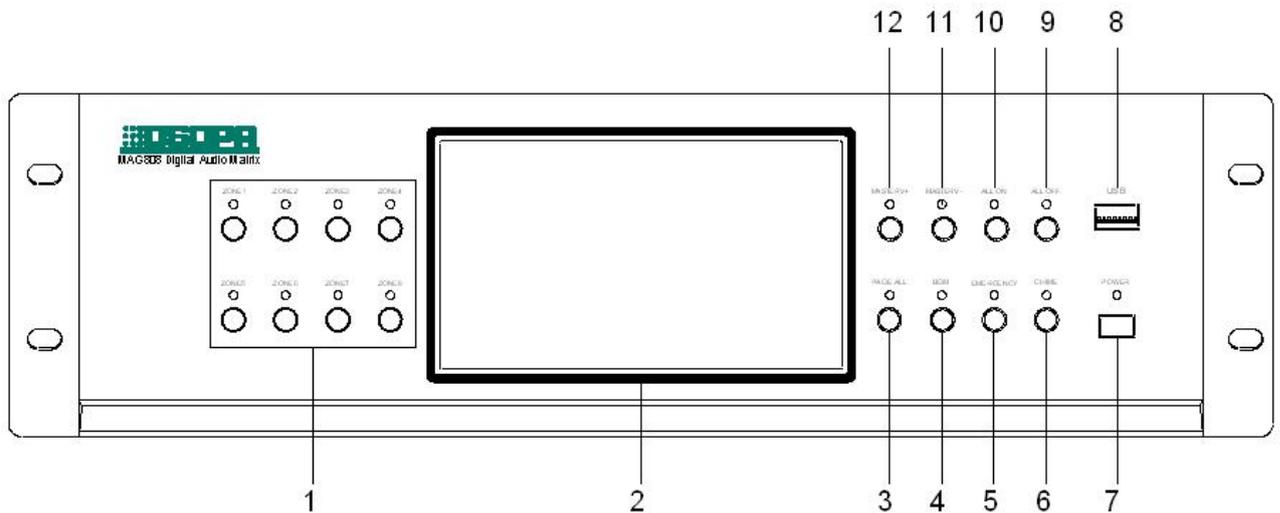
The MAG808 digital audio matrix & paging controller is highly integrated, which is catering for multi-zone paging and multi-sources selection.

It supports 8 balanced audio inputs and 8 balanced audio outputs, remote paging, remote panel control, remote computer & Android pad control. It supplies with multiple audio inputs. Besides 8 AUX inputs, it also supports MP3 playing (built-in or external USB) and built-in FM. To better adapt to the emergency system, it supports TEL paging to all zones, one-touch alarm, 8 dry contact inputs and 1 dry contact out put.

It's a complete solution for multi-zone, multi-functional venues like entertainment place, large-scale hotel, sports centers, shopping mall, airport etc.

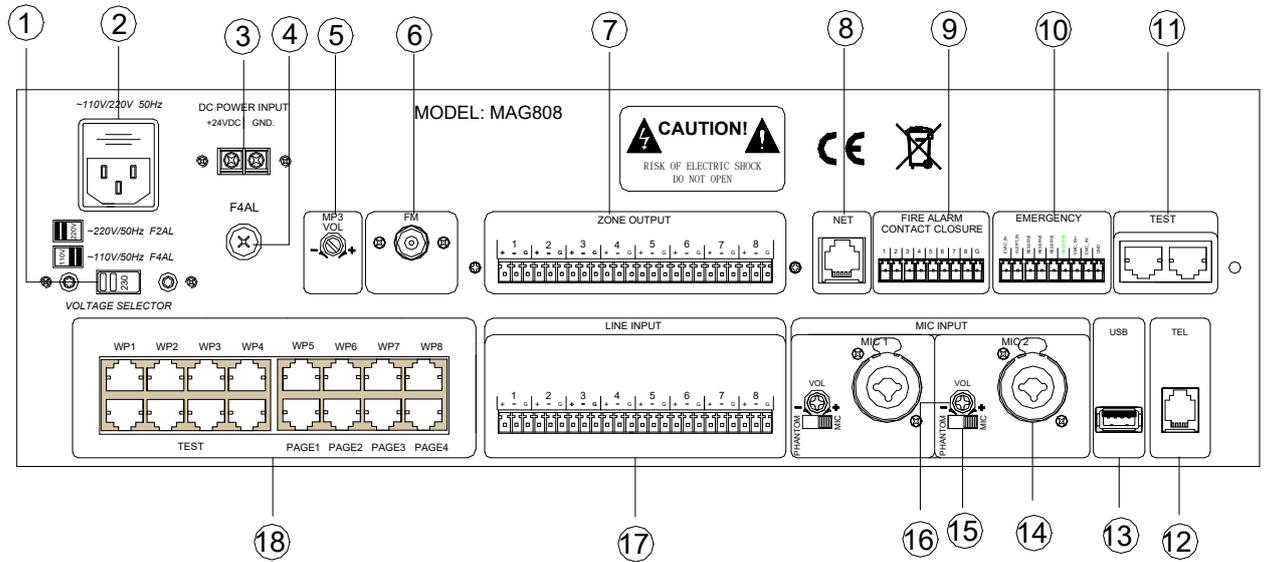
Appearance

2.1 Front Panel



1. 1-8 zones button and indicator
2. Display Screen/Touch Screen
3. Page all button and indicator
4. BGM button and indicator
5. Full emergency button and indicator
6. Chime and indicator
7. Power
8. USB
9. All-page close and indicator
10. All-page open and indicator
11. Volume control
12. Volume up +

2.2 Rear Panel



① **AC 110V/220V Selector Switch**

Use to select the operating voltage.

② **AC Power Input Socket**

Plug the AC power cord into this socket.

③ **DC 24V connection terminal**

Externally connect with DC 24V power supply.

④ **DC 24V Fuse**

Use for the fixed DC power supply. If it is fused, please replace it with the fuse of the same specification. A continuous fusing indicates that there are some faults.

⑤ **MP3 volume control knob**

⑥ **FM Antenna Interface**

⑦ **zones Output**

Connect with the power amplifier.

⑧ **Network Interface**

It is used to connect the LAN, through which the remote control of the system is performed.

⑨ **Alarm Signal Input**

Input the signals from the fire control center.

⑩ **Alarm Signal Input**

⑪ **Testing Interface**

It is used for testing.

⑫ **Telephone Interface**

It is used to connect the telecom signals to this machine.

⑬ **USB**

It is used to update the applications.

⑭ **MIC2 Input Interface**

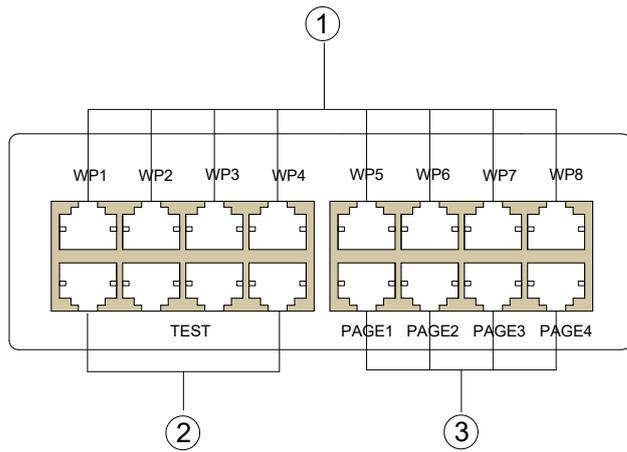
⑮ **+48V Phantom Power Control Switch (MIC1-MIC2)**

MIC1 and MIC2 are individually controlled. Turn left the switch to open this power source when the +48V phantom power supply microphone is used.

⑯ **Volume Control Knob**

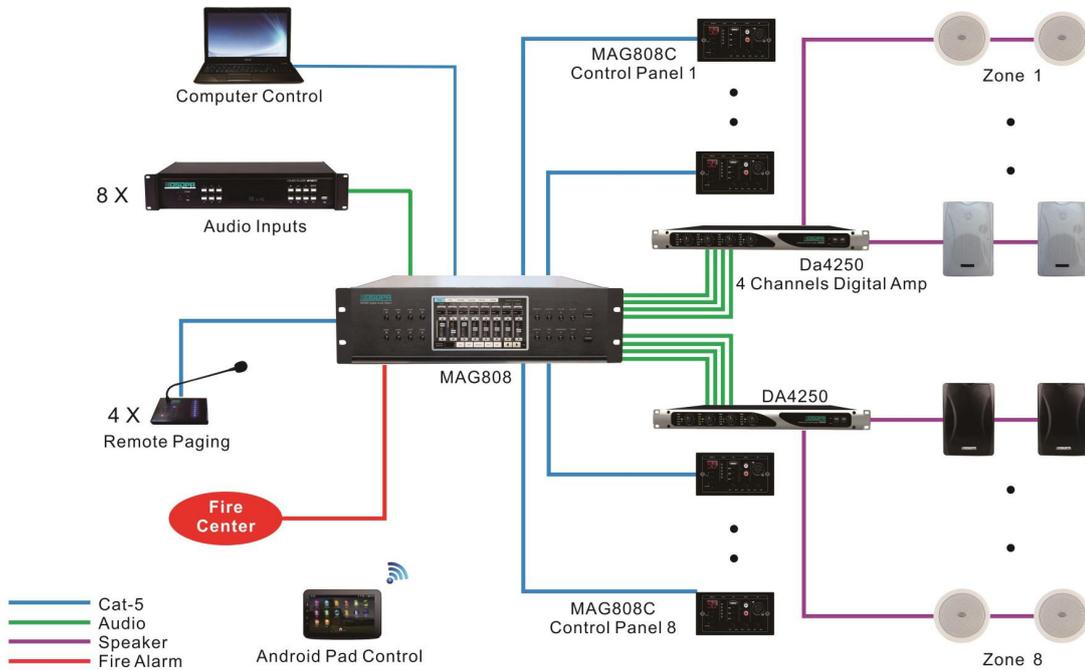
⑰ **Line Input Interface**

⑱ **As shown below:**



- ① Control panel interface
Connect 8 sets MAG808C/MAG808S control panels.
- ② Extension interface
- ③ Connect 4 MAG808R paging microphones

Configuration



Specification

Model	MAG808
Power supply	AC110V or AC220V/50Hz DC24V
Input sensitivity of MIC1 & MIC 2	10mV
Input sensitivity of lines 1-8	250mV
Output voltage of lines 1-8	1V
Input sensitivity of EMC	250mV
MIC I/O frequency response ($\pm 3\text{dB}$)	80Hz~10kHz ($\pm 3\text{dB}$)
Line I/O frequency response ($\pm 3\text{dB}$)	20Hz~20kHz ($\pm 3\text{dB}$)
Radio frequency band	86-108 MHz
Max. output noise	<3mV
Output distortion (@1kHz)	<1% 1KHz
Machine size	484mm×375mm×132mm (1PS)
Packing size	540mm×510mm×195mm (1PS)
Net weight	10Kg
Gross weight	13Kg (1PS)