

## MAG6183C

### 2U Network PA System Host



#### Description

Network Public Address System adopts fully digital transmission, with local area network as the main transmission medium, and transmits to any place covered by the network. It can use the existing local area network architecture for fast construction and investment saving, realize the integration of multiple networks with powerful interactive functions, and break through the functions of the traditional public address system that can only transmit to the next unit and can only be controlled through the centralized control of the computer room.

Visualized Network PA System Host can be compatible with terminals with different functions, including playback terminals, on-demand terminals, paging terminals, one-key emergency help terminals, etc. The host itself integrates audio and video player, partitioner, preamplifier, timer, powerful audio matrix functions, etc., which can realize audio and video intercom, media information release, audio and video storage, AI alarm, etc.

Network Public Address System is suitable for airports, docks, university towns, schools, large-scale gatherings (like Expo Park), sports stadiums, industrial parks, parks, rail transits and highways, etc.

#### Features

- With two servers and two databases, one master host and one backup unit, real-time synchronization, for dual-system hot backup function.
- With powerful broadcast matrix, and built-in large-capacity program source capacity, can customize program sources as needed.
- With one-key alarm trigger for all zones and manual alarm functions.
- With TTS Chinese and English text broadcast function.
- Can add and display the new zone automatically, no need to set and restart the host. real time.
- With auto on/off function, easy to use; with automatic screen saver function, energy-saving.
- With recording function. Can make your own program sources, which can be recorded by this machine, or copied from the remote control computer.
- With timing control function. Can edit the timing point on this machine, or download the timing point from the computer to the machine for execution.
- CD music in the optical drive can be played in a zone through an external USB optical drive, and with

self-made CD player control interface.

- Can use the network paging terminal to expand the audio input channel.
- Can customize the bulk processing function of the <shortcut key> and customize the priority of the program audio source.
- Support Pinyin, five-stroke, stroke input method and so on.
- Support video terminals management, can video intercom, video monitoring, multi-screen display function, and display multi-screen images through the extended display screen.
- Support the binding of broadcast terminal with IPC.
- Support H264 video format.
- Support the access of intercom system.
- Support network radio playback and wireless push.
- Can remote control company's PC10 peripheral equipment.
- Mixing output is possible by connecting to a broadcast terminal with mixing function.
- Supports linkage with mainstream cameras such as Hikvision and Dahua to achieve AI broadcast functions such as event triggering and event broadcasting.

## Specifications

Model	MAG6183C
CPU	I5 10400
Memory	2666 8G/ DDR4
Hard Disk	500G SSD m.2
Display Output Interface	HDMI*1、VGA*1、DVI*1
USB	Front USB*2, Rear USB*6
Audio Interface	Audio Input Interface*1          Audio Output Interface*1
SP/2	PS/2*1
Serial Port	RS232*1
Support protocol	Compatible with the network protocol such as DHCP, TCP, UDP,
Network	1000M/bps
Power Input	88-132VAC/176-264VAC (Switch Replacement) 47-63HZ
Working Temperature & Humidity	-10℃~50℃, ≤90%RH (No condensation)
Self-consumption Power	AC220V/50Hz/10A
Package Size (L×W×H mm)	530× 490× 145
Machine Size (L×W×H mm)	483× 320× 88
Gross Weight	7kg
Net Weight	5.4kg

## Front / Rear Panel



### 1. Power Indicator Light (POWER)

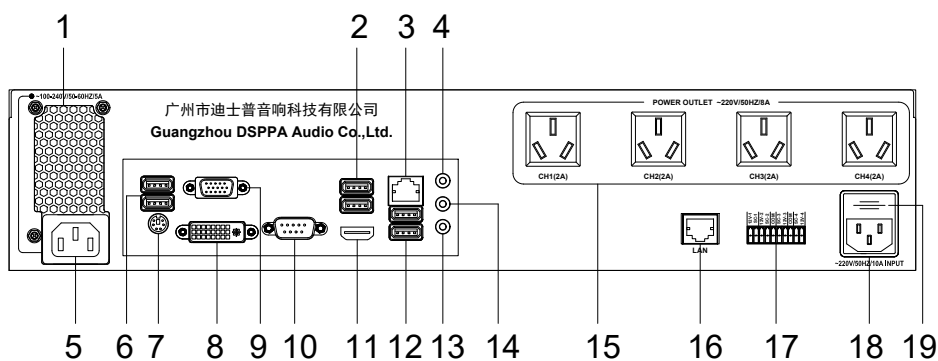
The indicator light stays blue when the power is turned on.

### 2. USB Port (USB)

The USB port is used to connect a USB flash disk, mobile hard disk or other storage devices to copy programs for the system. You can also connect a keyboard or mouse with a USB port for software upgrades and other operations.

### 3. One-key Alarm Trigger Button (FULL ALARMING)

The signal sent by the button has the second priority, which is second only to the emergency paging microphone. As an emergency alarm trigger button, when an emergency occurs, all zones will be automatically opened after pressing this button, and an alarm signal will be sent to all zones. In the alarm state, the button lights up in red. At this time, press the button again to end the alarm.



#### 1. Cooling Vent

When placing the machine, do not lean against the wall, and do not block the cooling vent.

#### 2. USB3.0 Interface

#### 3. RJ-45 Network Interface

#### 4. Audio Input Interface

The host paging source and external audio source are input by the left and right channels of the audio interface respectively.

#### 5. Power Interface

#### 6. USB2.0 Interface

#### 7. Mouse or keyboard connectors

#### 8. DVI Output Interface

#### 9. DB15 VGA Output Interface

#### 10. DB9 COM Serial Port

#### 11. HDMI Output Interface

#### 12. USB2.0 Interface

#### 13. MIC Input Interface

#### 14. Audio Output Interface

Output Program Pre-listening Audio Source (Note: The audio output interface is unplugged in the power-on state, and the software needs to be restarted when using the pre-listening function).

#### 15. Sequential Power Output Socket

This card comes with 4 sequential power output sockets for power supply of other

equipment. The power supply of this interface can be controlled by the timing point to turn on or off automatically when the timing point comes in the "Program Control" state.

#### 16. RJ-45 Network Interface

#### 17. 12V Power Supply & SC Short Circuit Channel

##### ◆ 12V Power Output Interface

12V-1 .....12V-4, Channels 1 to 4 are 12V power output, and COM is the common terminal.

##### ◆ Short Circuit Signal Output Interface

SC-1 .....SC-4, Channels 1 to 4 are 12V power output, and COM is the common terminal.

#### 18. Power Input Plug

The power supply of this machine is AC220V (±10%). Please make sure that the voltage value of the power input to the machine matches that of the machine.

#### 19. Power Fuse Holder

If the fuse is blown, please replace it with a fuse of the same specification. For the specification of the fuse, please refer to the label next to the blown fuse or the product performance index specification table; if the fuse continues to blow, there is a short-circuit fault inside the machine. Please remove the fault and replace the fuse.

# System Diagram

