# MAG6588

# Network Paging Station

## Description

MAG6588 series digital intelligent paging station is a TCP/IP based network Hi-Fi paging station and can be used anywhere with network access. It can realize control on 1,000 zones based paging and is featured by the high stability of traditional paging stations as well as reliable operation and low fault rate. Signals are transmitted in digital form and intelligent control is realized. The system provides 7" LCD true color display/touch screen as well as graphic and user-friendly operation interface. In addition, the system provides auxiliary input/output channels for extension of local audio source and amplification functions. The system integrates players developed independently by our company to realize local monitoring on host programs.

## Features

- 100/10Mbps self-adaption TCP/IP network transmission protocol
- 7" true color LCD display, graphic interface and touch screen operation
- Desktop type
- High-fidelity condenser goose-neck microphone
- Multiple level indication function
- Quick paging with manual shortcut keys



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- Built-in 3W monitoring loudspeaker for easy pre-listening program and intercom use
- With 1-channel line input (extendable external program source and wireless MIC input), 1-channel local line output (support offline local amplifier paging), 1-channel AUX line output (extendable monitoring power)
- Humanity design, more intuitive display
- Built-in high fidelity AGC processing circuit with large dynamic range
- Built-in DSP sound processing circuit with high performance
- Adopt embedded real-time system platform, ARM processor with high performance
- Support group editing of network playback terminals
- Built-in chime
- Support selection between paging and intercom functions for network playback terminals
- Support paging and intercom function between intelligent paging stations
- Support playback of songs in program list of network host
- With recording function to record and play recordings of paging
- With user password and access management
- With automatic power-off function for MIC, support power-off delay of paging for speakers
- Manual open and close MIC power supply
- With intelligent screensaver function, can set delay time for screen saver
- Can set network transmission communication mode
- Support USB disk song pushing function

## Specifications

| Model | | MAG6588 |
|---|---|---|
| AUX OUT Rated Output Voltage | | 1.0±0.2V |
| NET OUT Rated Output Voltage | | |
| MIC input sensitivity (1V output) | | 50±10mV |
| MIC distortion (1kHz/1V) | | MIC: ≤0.3% |
| Effective frequency of MIC gain limit (±3dB) | | 100-16000Hz |
| MIC Signal to Noise Ratio (30K lowpass) | | ≥68dB |
| MIC dynamic range | | ≥20dB |
| AUX input sensitivity (1V output) | | 300±50mV |
| AUX distortion (1kHz/1V) | | AUX≤0.3% |
| AUX Signal to Noise Ratio (30K lowpass) | | ≥68dB |
| Effective frequency of AUX gain limit (±3dB) | | 50-18000Hz |
| AUX dynamic range | | ≥20dB |
| Effective frequency of monitoring (intercom voice) | | 80-16000 Hz |
| Monitoring SNR (intercom voice) | | ≥65dB |
| Working voltage | | DC+14V |
| Standby power consumption | | 7.3W |
| Included Power Adapter | INPUT | AC100-240V/50Hz-60Hz |
| | OUTPUT | 14V/3A |
| Overall power consumption | | 9.5W |
| Package dimensions (L×W×H mm) | | 415×280×121mm |
| Machine dimensions (L×W×H mm) | | 300×160×56mm |
| Gross weight | | 2.5kg |
| Net Weight | | 1.8kg |



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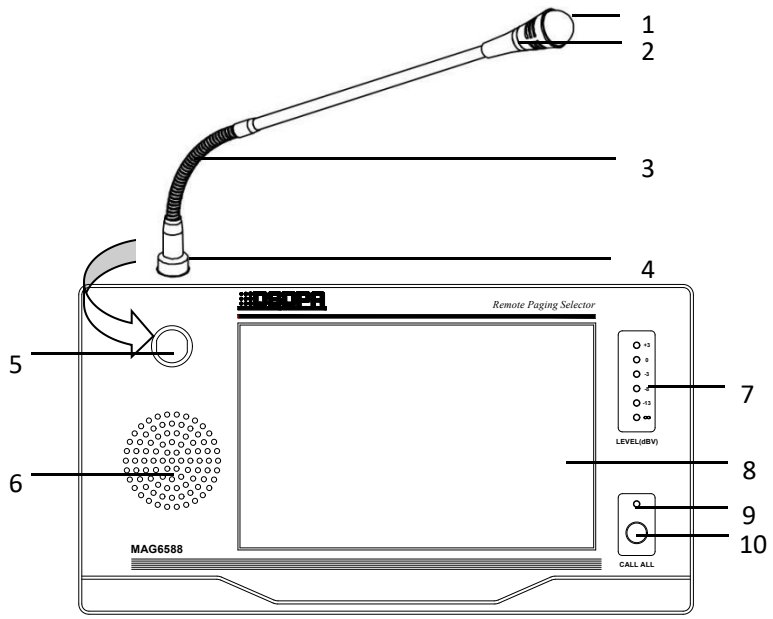
# Front / Rear Panel




**1. Microphone head**

Please do NOT hit the microphone head when the equipment is in use.

**2. Microphone On/Off indicating ring**

Indicating LED:

- When the microphone is on, the indicating light will be on.
- The microphone On/Off indicating light will be turned on simultaneously when calling zones.

**3. Microphone Rod**

Users can adjust the microphone angel flexibly.

**4. Microphone base**

5-pin XLR:

- Feet 1 for tube microphone red light;
- Feet 2 for tube microphone blue light;
- Feet 3 for voice signal input;
- Feet 4 for grounding of signal input;
- Feet 5 for MIC indicator power supply.

**5. Microphone plug**

Feet 5 corresponding respectively to the five feet on the base.

**6. Monitoring speaker**

It is used to output the voices received.

**7. Output level** indicating LED

More indicating LEDs will be on as the output volume increases.

**8. LCD true color display**

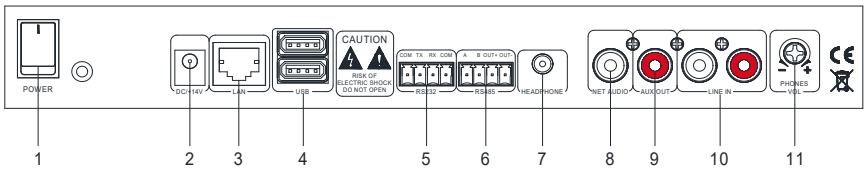
It is used to display the operating status and operation interface of the paging station; the touch screen is for selecting options.

**9. Microphone On/Off indicating LED**

The indicating LED is on when the user presses "CALL ALL" button to activate all zones. It will also be on when any terminal is called.

**10. Paging button**

It is used to realize paging function for all zones




**1. On/Off Switch**

When the button at "—" position is pressed to turn on the power, while when the button at " — " position is popped up to turn off the power.

**2. Power Supply Interface**

It provides working power supply for the machine.

**3. Network Interface**

It is used to connect to network switches.

**4. USB Interface**

The USB flash drive is inserted into the interface to provide program source to the built-in MP3 player, so as to realize the song push function of the USB



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flash drive.

**5. Data Exchange Interface**

It is the RS232 analog paging interface and is reserved for extension by intelligent systems.

**6. Data Exchange Interface**

RS485 analog paging interface and is reserved for extension by intelligent systems.

**7. Monitoring Headphone Jack**

It is for use of local monitoring and the volume is adjustable.

**8. Network Audio Output**

**9. Line Audio Output Interface**

It is used to connect the system to amplification equipment.

**10. Line Audio Input Interface**

It is used to connect to players, such as a DVD player or a tuner.

**11. Monitoring Volume Adjusting Knob**

It is used to adjust the volume output to monitoring headphone. Turn the knob clockwise to increase the volume and anticlockwise to reduce the volume.



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