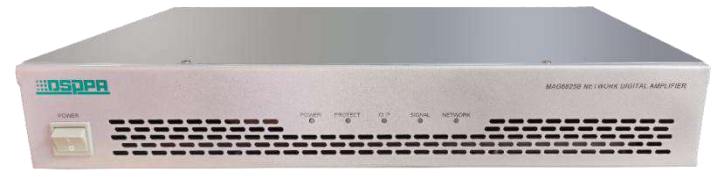
MAG6806B MAG6812B MAG6825B

MAG6835B MAG6850B MAG6865B

Network Amlifier







Description

The network power amplifier is a fully digital analog-to-digital conversion signal processor based on TCP/IP transmission protocol, with silver panel industrial gray all-iron chassis, 1.5U design. The device is equipped with an offline local timing playback function and scheduled programs can be saved in an SD card and automatically backed up.

Features

- With time frame synchronization mechanism, the local clock and the network host clock are synchronized in real time;
- The panel integrates 5 status indicators;
- Built-in offline local scheduled playback function, scheduled program backup is stored in the SD card, and scheduled program is fully automatically backed up;
- Built-in offline local timing point playback function, scheduled programs are backed up and stored in SD card, and the scheduled programs are fully backed up automatically;
- It has the function of network playing, which can play the program source issued by the network host or the audio stream of the networked audio collector;
- It can play background music, emergency paging and alarm signals from the system host, which can be divided into three categories: background broadcasting, business broadcasting and emergency broadcasting;
- Built-in watchdog function, effectively ensuring the normal operation of equipment;
- Using a high-fidelity CD sound quality decoding chip, it supports MP3/WMA/PCM audio stream data decoding with a maximum sampling rate of 48KHZ and 16bit;
- Adopt self-developed network data error correction algorithm to ensure the real-time transmission of

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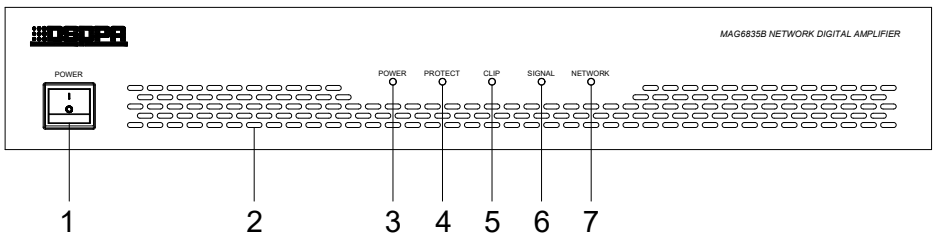
data and the accuracy of received data, making the work stable and reliable;

- Built-in high-efficiency digital power amplifier, 100V constant voltage output, and the efficiency of the power amplifier part is as high as over 90%.

Specifications

Model		MAG6806B	MAG6812B	MAG6825B	MAG6835B	MAG6850B	MAG6865B
SD/NET Playback MP3	Frequency Response	80Hz-15kHz(±3dB)					
	Distortion	≤1%					
	SNR	≥77dB					
100V Constant Voltage Output	Rated Output Power	60W	120W	250W	350W	500W	650W
	Frequency Response	80Hz-15kHz(±3dB)					
	Distortion	≤1%					
	SNR	≥77dB					
SD Card Capacity		32GB					
Rated Power Consumption		95W	195W	355W	500W	720W	880W
Power Supply		AC220V/50Hz					
Overcurrent, Overheating and Overvoltage Protection		Support					
Gross Weight		6kg	6.5kg	7.2kg	7.8kg	11kg	
Net Weight		4.76kg	5.24kg	5.96kg	6.59kg	9.5kg	
Package Size (L×W×Hmm)		485×405×121mm				490×490×130mm	
Product Size (L×W×Hmm)		430×260×66mm				430×360×66mm	

Front / Rear Panel



1. **Power Switch**
2. **Chassis Cooling Holes**
3. **POWER Indicator Light**

Power indicator light, the indicator light will be on after the power is turned on and the switch is turned on.

4. **PROTECT Indicator Light**

Power amplifier protection indicator light, this indicator light will light up when the power amplifier is protected against

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overcurrent, overheating, short circuit and other faults.

5. CLIP Indicator Light

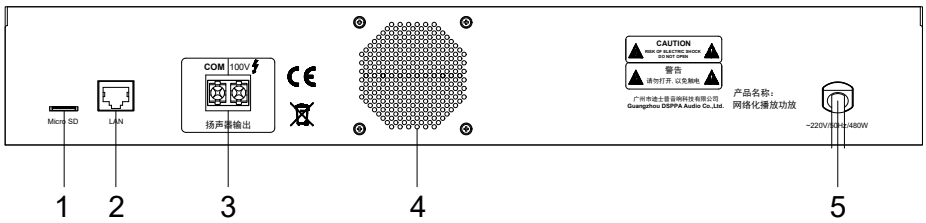
Voltage limit function indicator, when the voltage limit function indicator is on, it means that the output signal is too large, and the voltage limit circuit takes effect.

6. SIGNAL Indicator Light

The power amplifier output level indicator light. When the power amplifier has signal output, the indicator light lights up. When the power amplifier volume gradually increases, the indicator light gradually becomes brighter. When the power amplifier volume gradually decreases, the indicator light gradually dims.

7. NETWORK Indicator Light

Network indicator light. This indicator light lights up and flashes when the machine and the host are successfully connected through the network.



1. SD Card Jack (Micro SD)

Insert the SD card that stores the host timing point into this jack. When the terminal goes offline, the audio source is provided at the given timing point.

2. Network Port (LAN)

Connect the network switch

3. Local Amplifier Output Port (100V)

This machine has a built-in 1×60W digital power amplifier, and the power of the output port is 60W. Connect multiple constant voltage speakers separately. But the total power of the speakers to be connected cannot be greater than 60W. (Take the 60W power amplifier as an example, the built-in digital power amplifiers of other models are 120W, 250W, 350W, 500W, and 650W respectively).

4. Fan Port

60W and 120W are fanless designs, while models in other power ranges have fans that start working after the temperature of the unit reaches a certain value.

5. AC220V Power Cable

Provide working power for this machine.

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