

# MAG6104C

## 1-Channel Network Audio Output Terminal



### Description

The 1-channel network audio output terminal is a fully digital analog-to-digital signal processor based on TCP/IP transmission protocol, designed with a single network port, which can be mounted in any place where the network can reach. The machine can output audio signals through remote audio data streams, which can be intelligently controlled by the host; it is provided with an emergency audio input interface for connecting the emergency signals of the fire center, and an emergency audio output interface for connecting the emergency amplifier; requiring no local control, it can be used after the proper remote configuration through the management software.

### Features

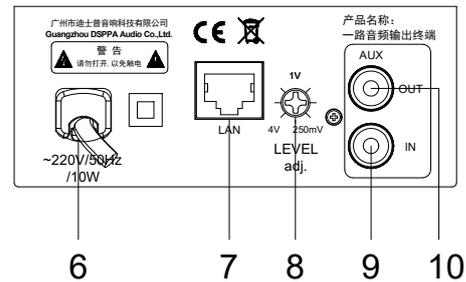
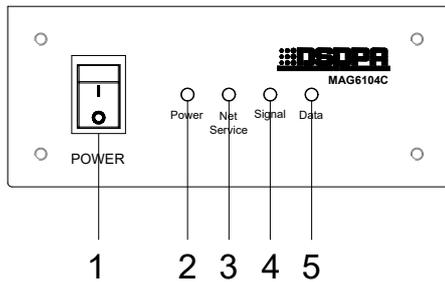
- Can be mounted in any place where the network can reach, and support LAN.
- Support the decoding of 16-bit digital audio stream with the maximum sampling rate of 48KHz.
- Can broadcast background music, timed tasks, emergency paging, alarm signals, etc. from the system host.
- With one-channel auxiliary audio input interface for expanding the local program source.
- With one-channel auxiliary audio output interface for connecting an amplifier for sound reinforcement.
- With 4 LED state indicators, it can display the terminal power state, server connection state, and network audio stream state, as well as local audio output state, so that the working state of the equipment can be seen at a glance.
- Support remote modification of the network parameters of the machine through the web page.
- It is designed to be 1U in height, and up to 4 units can be assembled on the cabinet for space-saving installation.

### Specifications

Test Items		Indicator Parameters	
LINE IN	CH1 Rated Output	1V	
	Input Sensitivity	MAX:	4V
		MIN:	250mV

	Effective Frequency Range for Gain Limit ( $\pm 3\text{dB}$ )	30Hz-20kHz
	S/N Ratio (Low-Pass 30kHz)	$\geq 70\text{dB}$
	THD (1kHz, 1/3 Output Voltage)	$\leq 0.1\%$
	Input Dynamic Range	$\geq 26\text{dB}$
	CH1 Rated Output	1V
Network Decoding Parameters (Host MP3 Input)	Distortion (1kHz -10dB/MP3)	$\leq 0.2\%$
	Effective Frequency Range for Gain Limit ( $\pm 3\text{dB}$ )	50Hz-20kHz
	S/N Ratio (Low-Pass 30kHz)	$\geq 70\text{dB}$
	Network	Single network port 10M/100M adaptive
	Power Supply	AC 220V/50Hz
Standby Power Consumption		2W
Rated Power Consumption		2W
Machine Dimensions		107×150×44mm (1 pc)
		483×150×44mm (for cabinet installation)
Package Dimensions		250×220×100mm (1 pc)
		510×225×205mm (4 pcs)
Gross Weight		1.2kg (1 pc)
		6kg (4 pcs)
Net Weight		0.66kg

## Front / Rear Panel



### 1. Power Switch (POWER)

Press the “I” position to turn on the power and the “O” position to turn off the power.

### 2. Power Indicator (Power)

The indicator light turns blue when the machine is turned on at the power switch.

### 3. Network Indicator (Net Service)

The indicator light is on when the machine is successfully connected to the host via the network.

### 4. Amplifier Output Level Indicator (Signal)

The indicator light is on when there is a signal output from the amplifier of this terminal. The indicator light gets brighter when the volume of the amplifier is gradually increased; it gets darker when the volume is gradually decreased.

### 5. Network Audio Stream Data Indicator (Data)

The indicator light is on when the network audio data is broadcast.

### 6. AC220V Power Cord

Supply the operating power to the machine.

### 7. Network Interface

Connected to the network switch.

### 8. Input Level Control

Adjust the knob as required by the level of the input audio signal.

### 9. Auxiliary Input Interface (AUX IN)

Connected to an audio equipment (e.g. DVD player, etc.) for expanding the program source for the machine.

### 10. Auxiliary Output Interface (AUX OUT)

Connected to other amplifiers for expanding the power of the terminal.