MAG6811

1-channel Audio Output Terminal

Description

The 1-channel audio output terminal is a network full digital analog-to-digital conversion signal processor based on the TCP/IP transmission protocol. With dual network redundancy design, it can be connected to any place the network can reach. The machine can output the remote audio data stream as audio signals and supports host intelligent control; there is an emergency audio input interface used to connect the emergency signal of the fire center, and an emergency audio output interface used to connect the emergency power amplifier; no need for local control, it can be used after remote configuration through the management software.

Features

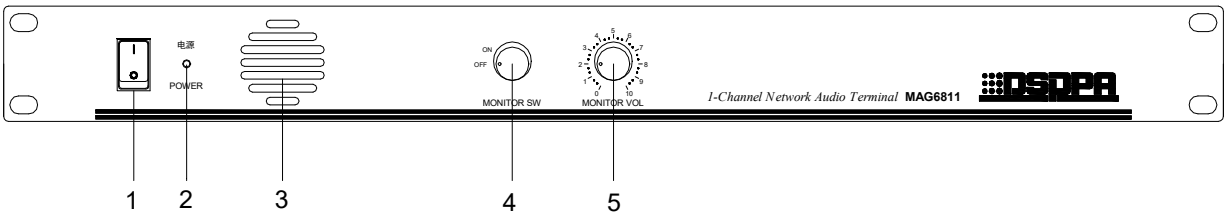
- With modular design, 1-channel network audio output terminal equipment.
- With dual network interface design. The network expansion port can be connected to other 100M network equipment.
- Support 10M/100M adaptive network transmission.
- Support maximum 48KHZ sampling rate 16Bit MP3/ WAV/PCM decoding.
- With low power consumption design..
- With built-in watchdog function.
- Can customize the network protocol interface.
- With fully digital design, high fidelity, and high speech transmission index.
- With override input and override link output.
- With DC24V/100MA output and short-circuit output, with separate control for those two output modes.
- With controllable local monitoring volume.
- With squelch function.
- With 2 mains output interfaces, with the maximum output current of 16A, which can be remotely controlled manually or regularly by the network host.

Specifications

Items			Index Parameters
EMC Parameters (EMC LINE IN Port Input)	CH1 Rated Output		1V
	Input Sensitivity	MAX	4V
		MIN	250mV
	Effective Frequency Range of Gain Limit (±3dB)		20Hz-20kHz
	SNR (Low-pass 30kHz)		≥70 dB
	THD (1kHz, 1/3 Output Voltage)		≤0.1 %
	EMC LINK OUT		Equal to EMC LINE IN (±10%)
	Input Dynamic Range		≥26 dB
Network Decoding Parameters (Host MP3 Input)	CH1 Rated Output		1V
	Distortion (1kHz -10dB/MP3)		≤0.2 %
	Effective Frequency Range of Gain Limit (±3dB)		50Hz-20kHz
	SNR (Low-pass 30kHz)		≥70 dB
Alarm Output	COM-24V OUT		24V, 1A in total
	COM-SC OUT		Short circuit (＜1Ω)
Built-in Monitor Power			1W
Total Output Capacity of Power Socket			16A, 2 channels; the maximum output of each socket is 220V, 10A.
Network			Dual network ports 10M/100M adaptive
Power Supply			AC 220V/50Hz
Standby Power Consumption			5W
Rated Power Consumption			7.5W
Package Dimensions (L×W×H mm)			555×360×120
Machine Dimensions (L×W×H mm)			483×273×44
Net Weight			3.3kg
Gross Weight			4kg

Front / Rear Panel

Front Panel



1. Power Switch

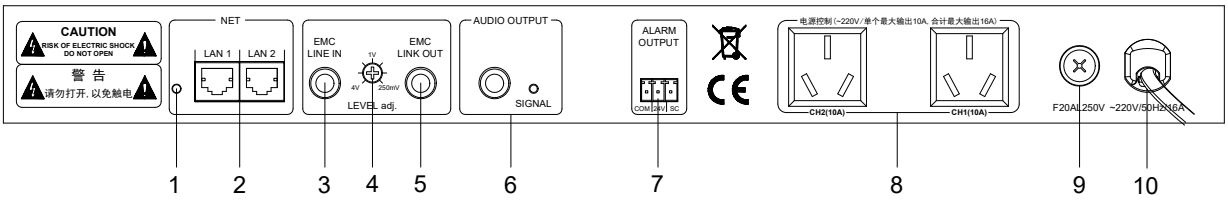
Press the button on the “I” position to turn on the power, and on the “O” position to turn off the power.

2. Power Indicator/Fault Indicator (POWER)

The indicator is on when the power is turned on and the machine works normally; the indicator is off when the power is turned off.

3. **Built-in Monitor Speaker**
   You can monitor the playback status of the machine by adjusting the monitor selection knob.
4. **Monitor Switch Knob (MONITOR SW)**
   This terminal is a 1-channel audio output terminal. This button is used to turn on the output monitoring function of this terminal. Rotate the position with a dot to the “ON” position to turn on the monitoring function, and turn to the “OFF” position to turn off the monitoring function.
5. **Monitor Volume Control Knob (MONITOR VOL)**
   Used to adjust the monitor volume.

Rear Panel



1. **Network Indicator**
   The indicator light is on when the machine is successfully connected to the host through the network.
2. **Network Interface**
   The machine adopts dual network interface design to connect the network switch.
3. **Override Input**
   Connect an audio source device (e.g. DVD) to extend program sources for the machine.
4. **Input Level Control**
   Adjust this knob according to the level of the input audio signal.
5. **Override Link Output**
   Connected to other terminals.
6. **Audio Output Interface**
   This interface is used to connect other power amplifiers to expand the power of the terminal, and the indicator light is on when there is signal output.
7. **Alarm Output**
   1-2 COM-24V: When the machine is connected to the network host, +24V power output can be controlled, and the maximum output current is 1A.
   1-3 COM-SC: When the machine is connected to the network host, the short-circuit output can be controlled, and the two 220V power supplies of CH1 and CH2 can be controlled.
8. **Power Output Socket (2 Sockets)**
   The 2 power output ports are respectively connected to the power supply of other equipment, which can be remotely controlled manually or regularly by the network host.
9. **AC Fuse**
   It is used to fix the AC power fuse. If the fuse is blown, replace it with a fuse of the same specification. If the fuse is continuously blown, please check the machine faults.
10. **AC Power Cord**
    Connect to the AC power grid to provide power for the device.