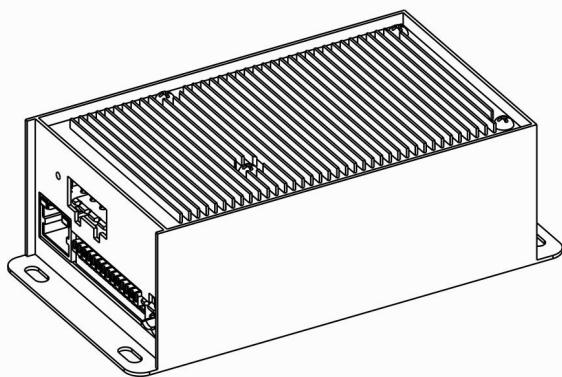
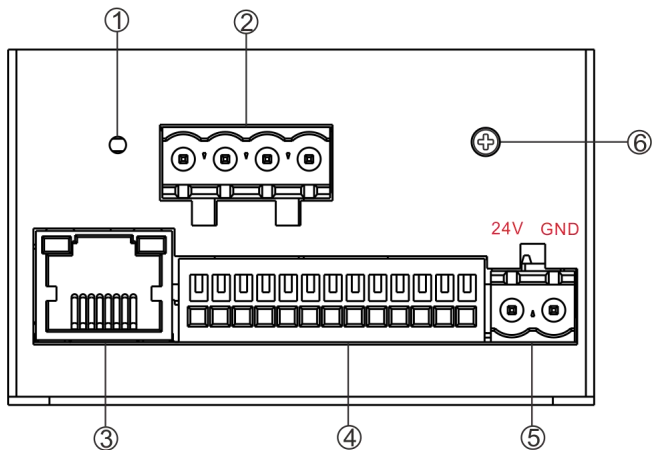


IP NETWORK PA MODULE

Installation Manual

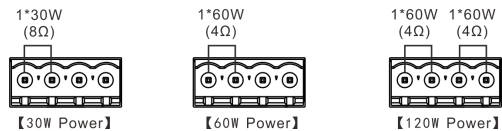


Interface Descriptions



①Reset Button: When the device is offline, short press this button to broadcast the local IP address of the device, and press it again during the broadcast to stop the broadcast. Long press this button for 5 seconds to restore factory settings and restart the device. Press and hold the reset button and then power on the device to force into the upgrade mode.

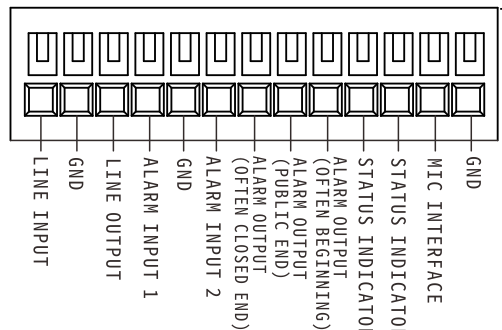
②Amplifier Output Interface: Three optional power level (1*30W/1*60W/2*60W) to choose from:



③Network Interface: Plug in the network cable to connect the device to Ethernet switch so that the device can log on to the server software normally.

Network status indicator light: On the right is the power indicator light: green light will be always on when the device is powered on; On the left is the data transmission indicator light: orange light will be flashing slowly when the network cable is plugged in; orange light will be always on when the device is logged on the server software; orange light will be flashing quickly when there's data transmission, it will flashing faster when there's more data transmission.

④Synthesis Interface, the interface functions are as below:

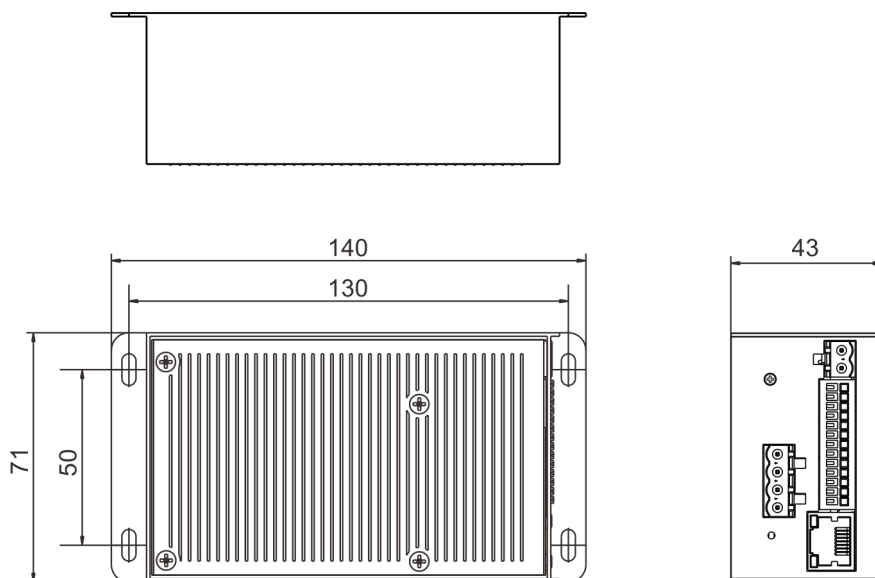


- 1) Line Input: can be connected to external audio source such as PC or CD player;
- 2) Line Output: can be connected to external active speaker or power amplifier for sound reinforcement;
- 3) Relay Input: the audio file in [Ringtone] - [ShortIn] in the FTP server will be played automatically when the relay input interface is being activated.
- 4) Reply Output: can be activated on the server software.
- 5) Status Indicator Light: Two-color light, when online, the green light is always on in idle state, and the green light flashes quickly when there is audio playback; when offline: the red light flashes slowly when idle, and the red light flashes quickly when there is audio playback.
- 6) MIC interface: The loop detection function can be enabled on the web page, and the working status of the speaker can be detected through the MIC. At the same time, it supports the automatic volume adjustment function for recognizing environmental noise.
- ⑤Power Input Interface: DC 24V power input.
- ⑥Ground Terminal.

Configuration of IP Network PA module

- 1) Enter the IP address of the module in the address bar of the web browser (the factory default is 192.168.1.101) and press the Enter key.
- 2) Enter the user name and password in the login window that pops up (the factory default is admin), and click OK.
- 3) Enter the device web page, you can set the network parameters, service parameters, audio parameters and other related settings.

Dimensional Drawing (unit: mm)



Specifications and Parameters

Power Output	1*30W(8Ω)	1*60W(4Ω)	2*60W(4Ω)
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Power Supply	DC24V/2A	DC24V/2.7A	DC24V/5A
Power Consumption	$\leq 3W$		
Network Protocol	TCP/IP、SIP、UDP、ARP、ICMP、IGMP		
Network Chip Rate	10/100Mbps		
Audio Sampling	8kHz~44.100kHz, 16bit		
S/N	$\geq 86dB$ (A Weighted)		
Line Output Rated Voltage	1V		
Line Input Sensitivity	1.5V		
THD	$\leq 0.3\%$, 1kHz		
Frequency Response	50Hz-20kHz		
Working Temperature	$-20^{\circ}C \sim +55^{\circ}C$		
Working Humidity	10%-90% Not Condensing		

Trouble Shooting

Fault Phenomenon	Fault Cause and Troubleshooting
No sound after relay input has been activated	1. Enter the device FTP and check whether there are audio files in the [Ringtone]-[ShortIn] folder. If not, please place the audio file in the following format: The naming is fixed as: alarmin1 or alarmin2 (alarmin1 is alarm input 1 prompt sound, alarmin2 is alarm input 2 prompt sound), the file must be in mp3 format, 128Kbps file. 2. The alarm input trigger tone only takes effect when the device is offline.
No sound output from amplifier output when receiving broadcasting	1. Check whether the terminal is online; 2. Check whether the server's terminal volume and web page broadcast output volume are 0, if so, please increase the volume.

Packing List



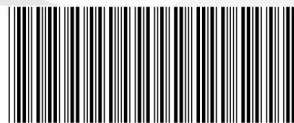
Wiring Terminal
1pcs(5.08-2P)



Wiring Terminal
1pcs (5.08-4P)



Installation
manual 1pcs



V1. 5B200508