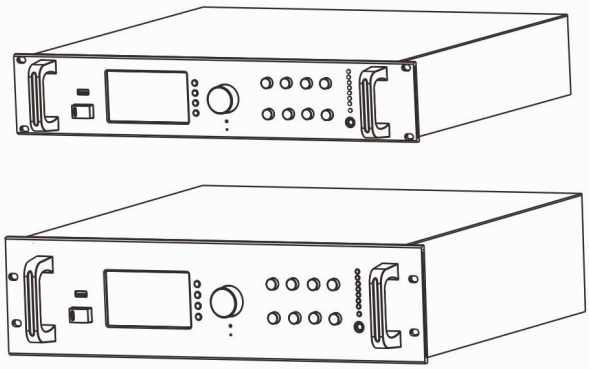
SPON

IP AUDIO AMPLIFIER

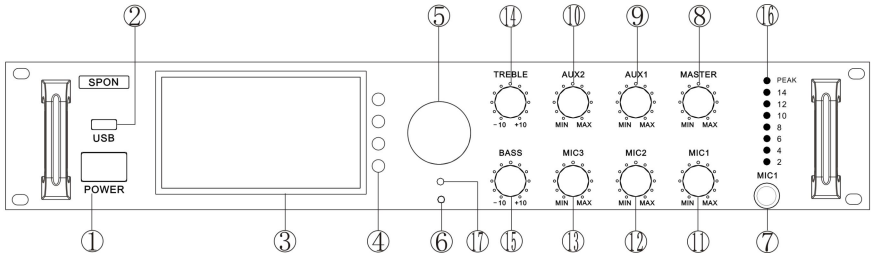
Installation Instructions



IP NETWORK PUBLIC ADDRESS SYSTEM

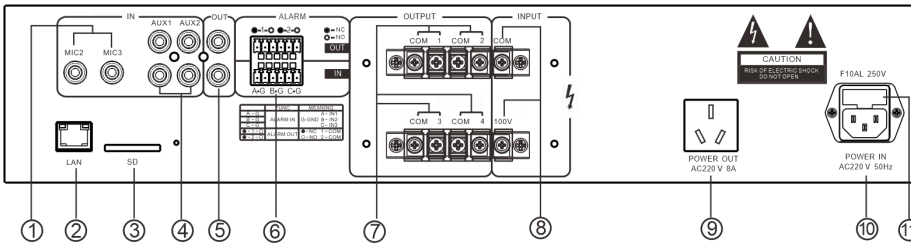
Interface description

Front



①Power switch and power indicator.
②USB interface for reserved.
③LED screen display the host work information.
④Function selection button to realize the corresponding function of LED screen displayed.
⑤Single-button coding rotation knob Function confirm button, function select rotation knob, adjustable audio output volume
⑥MIC Can speaker to Mic.
⑦MIC1, MIC input interface.
⑧Adjustable analog amplifier audio input volume, clockwise the volume is large.
⑨AUM1 knob to adjust the volume of AUX1 line input.
⑩AUX2 knob to adjust the volume of AUN2 line input.
⑪MIC1 knob to adjust the volume of MIC1 line input.
⑫MIC2 knob to adjust the volume of MIC2 line input.
⑬MIC3 knob to adjust the volume of MIC3 line input.
⑭TERBLE knob to adjust the volume of high frequency input.
⑮BASS to adjust the input volume low frequency.
⑯PEAK area,8 way LCD level indicate function, identify the amplifier output volume
⑰Remote control receiving head.

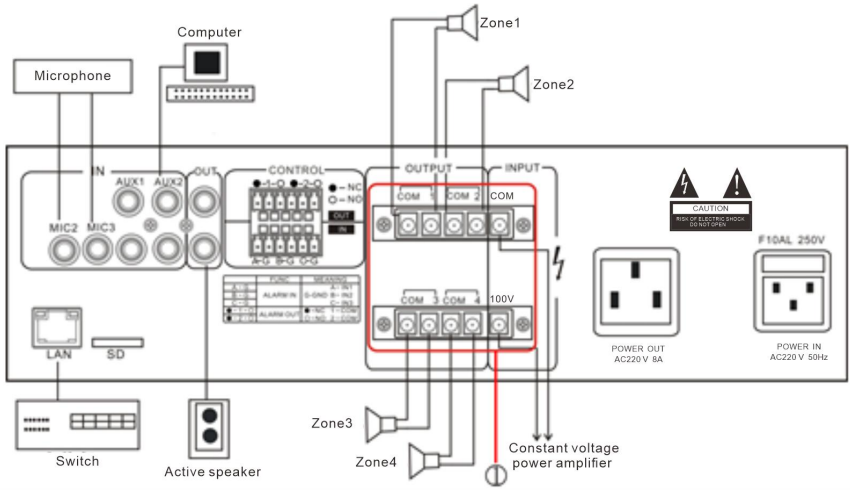
Back



①MIC2、MIC3:conference MIC input interface.
②Network input interface: connect with the network switcher and let the terminal can normal login.
③SD card insert port.
④AUX1、AUX2 line input interface.
⑦Partition output port: Supports 100V four-way partition output.
⑧100V constant voltage signal input interface: provides sound source for partition output.
⑨Power control outlet: it can be used as the power supply of controlled equipment, the main control machine can control, the maximum load is 220V/8A.

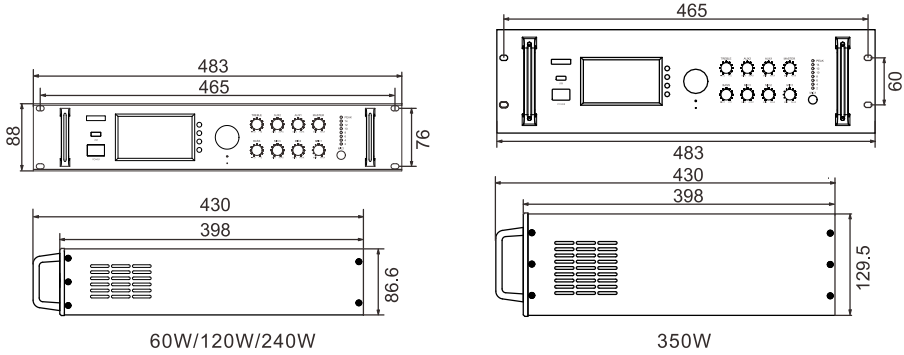
⑤Audio output port(line output)
⑥Alarm input interface/Alarm out interface.
⑩AC220V power input port.
⑪Fuse

Connection Diagram



Note: connect the line well then please fix shield of the accessories in the ①

Appearance installation dimension (unit: mm)



IP Audio Amplifier configuration

(1) Connecting the computer(installed IP audio intercom configuration tool) and terminal by wire. Under the menu of [optical disc:\tool software\ ]find “DevConfigTool” and run it, after starting, input the defaulted password“123456”

(2) Please select the 【Mandatory config】from the right menu, then filling each correct parameters in the[terminal parameter]. It will be finished IP parameter

Note: Please refer to the user manual for more detailed information.

configuration once pressed “sending parameter”.

Specification、functional units and parameters

Constant output power	60W
Power consumption	≤80W
Display screen	TFT 4.3’true color
Interface	MIC input port, line input port, line output port, network input port, short circuit output port, short circuit output port, AC 220V power input port
Speaker output	70V；100V & 4～16Ω
Input sensitivity & input impedance	MIC 1:3mV/600Ω；MIC 2,3:110mV/600Ω；AU×1,2: 230mV/10KΩ
Frequency response	50Hz～18KHz(+1dB, -3dB)
THD	≤0.5% at 1KHz, 1/3 output power
S/N	MIC 1: 66Db; MIC 2, 3: 80dB; AU× 1, 2: 75dB
Tone	Bass:±10dB at 1300Hz; Treble:±10dB at 10KHz
Heat dissipation	Form front to back to forced air cooling and when the radiator in 55 degrees, the built -in fan will be started
Protection	Overheating 、overload & short circuit
Network communication protocol	TCP/IP、UDP、ARP、ICMP、IGMP protocol
Network chip rate	10/100Mbps
Audio coding	MP2/MP3/PCM/ADPCM
Audio sampling	8kHz～44.1kHz, 16bit
Transmission rate	16kbps-192kbps

Trouble shooting

Fault phenomenon	Reason&fault exclude
Why it appear "terminal network services (UDP) failed to start" warning in startup services software process?	Appearing this warning information, it’s usually the local network of the server connection has been disconnected, please connet the local network cable well and exit the software, restart the server will be ok.

Packing list


Protective cover 1pcs


Terminal blocks 2pcs (3. 81-6P)


White washer head screws(M3*5)4 pcs


Certification 1pcs


Installation instructions 1pcs

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