

NAC-5001

8-Channel Pre-Amplifier



SPON 8-Channel Pre-Amplifier NAC-5001 with multiple audio input channels ,it is mainly used to amplify low-level output signals to line level input ,suitable for any PA scenario with multiple audio sources.

- Signal Amplification
- 1U Rack Chassis
- Multiple Input & Output
- 48V Phantom Power

MAIN FUNCTIONS

- ▲ Design And Appearance
- Standard Case Design: Utilizes a 1U aluminum alloy panel for a sleek and professional appearance.
- ▲ Input Channels
- Versatile Input Selection: Features 10 input channels, including 5 line MIC inputs, 3 line AUX inputs, and 2 EMC line inputs.
- Flexible Output Options: Provides 2 line outputs for seamless connectivity to amplifiers or other audio devices.
- ▲ Mic Priority And Input Control
- Priority Mic Management: MIC1 takes precedence over other inputs.
- Prompt Tone Broadcasting: Upon MIC1 activation, broadcasts a customizable prompt tone. Volume control is provided.
- Convenient Interface Access: MIC 1, 2, 3, and 4 are equipped with XLR and TRS two-in-one interfaces for easy microphone connection.
- ▲ Audio Adjustment And Indicators
- Independent Volume Control: Allows independent volume adjustment for MIC and AUX input channels.
- Phantom Power Support: Microphone interface features +48V phantom power and a dedicated switch for condenser microphones.
- Customizable Sound: Offers independent treble and bass adjustment for tailored audio output.
- Real-time Monitoring: Includes 5 audio signal indicator lights and 1 overload indicator light for monitoring input levels.

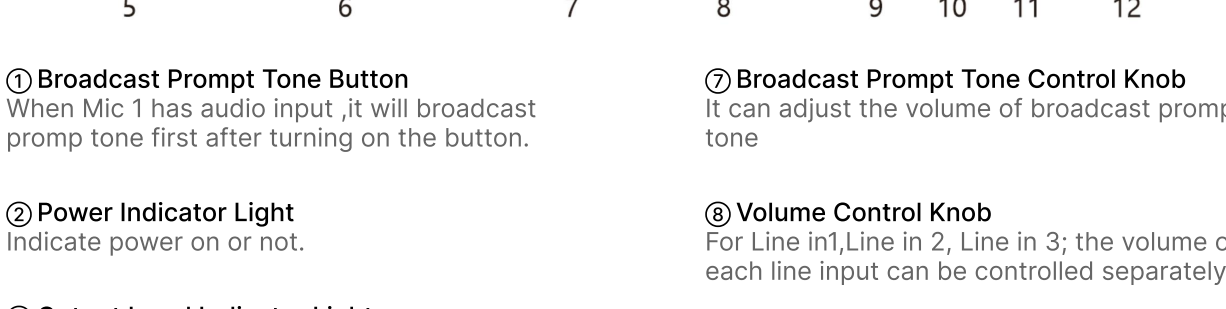
SPECIFICATION

POWER PARAMETERS	MECHANICAL & ENVIRONMENT PROPERTIES
Power Supply: AC220V ,50Hz	Mounting Method: Rack-Mounted
Standby Power Consumption: ≤20W	Installation Environment: Dry Indoor Locations Only
	Operating Temperature: -10°C~+50°C (14°F~122°F)
	Operating Humidity: ≤90% RH Non-Condensing
	Front Panel Material: Brushed Aluminum
	Body Material: SPCC Cold Rolled Plate
	Color: Black
	Product Dimensions: 484×394×44mm
	Product Weight: 4.8kg
	Product Warranty: 2 Years

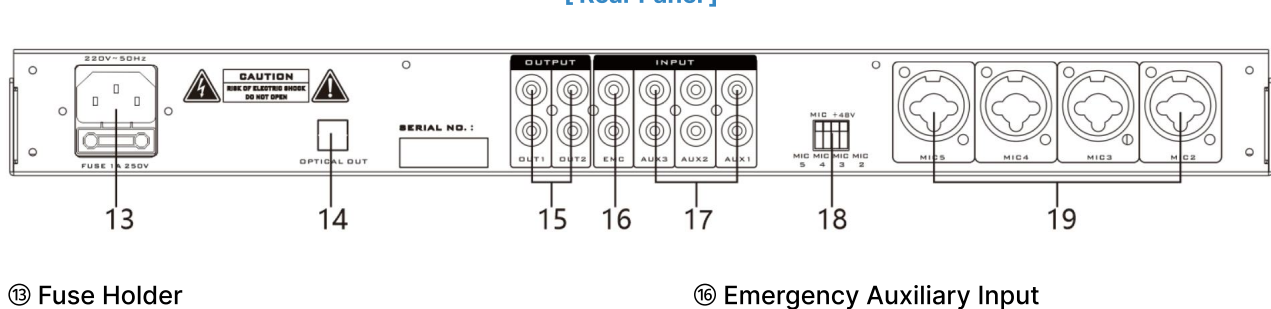
AUDIO PARAMETERS
Frequency Response: 20Hz~20KHz
S/N (Signal-To-Noise) Ratio: ≥50dB(Mic Input),≥80dB(AUX Input)
Tone Control(Bass): ±10dB@100Hz
Tone Control(Treble): ±10dB@10Hz
THD(Total Harmonic Distortion): ≤0.5%@1kHz

ACCESSORIES
1×Power Cord
1×Audio Cable
1×Quick Installation Guide
1×Quality Certificate
1×Warranty Card

PORTS DESCRIPTION

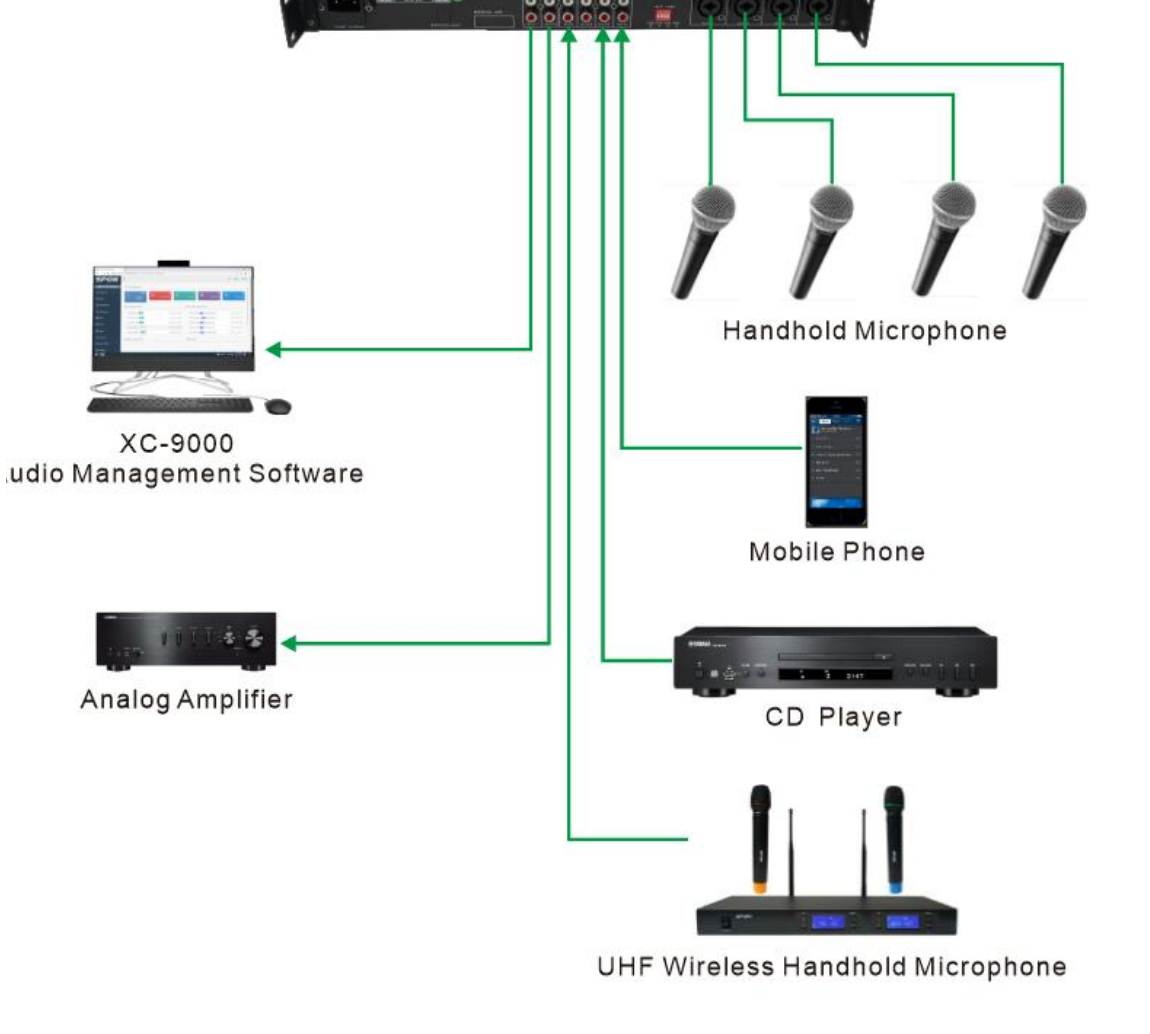


- ① Broadcast Prompt Tone Button
When Mic 1 has audio input ,it will broadcast promp tone first after turning on the button.
- ② Power Indicator Light
Indicate power on or not.
- ③ Output Level Indicator Light
It can exactly display the size of the output level signal of the power amplifier.
- ④ Distortion Indicator Light:
When the output signal of the power amplifier is distorted, the indicator light will stay on.
- ⑤ MIC1 Input Interface
It can connect TS-core microphone and it is with highest priority.
- ⑥ Volume Control Knob
For microphone Mic1-Mic5, which can separately control the input signal size of each microphone.
- ⑦ Broadcast Prompt Tone Control Knob
It can adjust the volume of broadcast prompt tone
- ⑧ Volume Control Knob
For Line in1,Line in 2, Line in 3; the volume of each line input can be controlled separately.
- ⑨ Bass Adjustment Knob
The volume of bass can be adjusted.
- ⑩ Treble Adjusting Knob
The volume of treble can be adjusted.
- ⑪ Total Sound Volume Adjustment Knob
The volume of total sound can be adjusted.
- ⑫ Power Switch
Control pre-amplifier power switch.



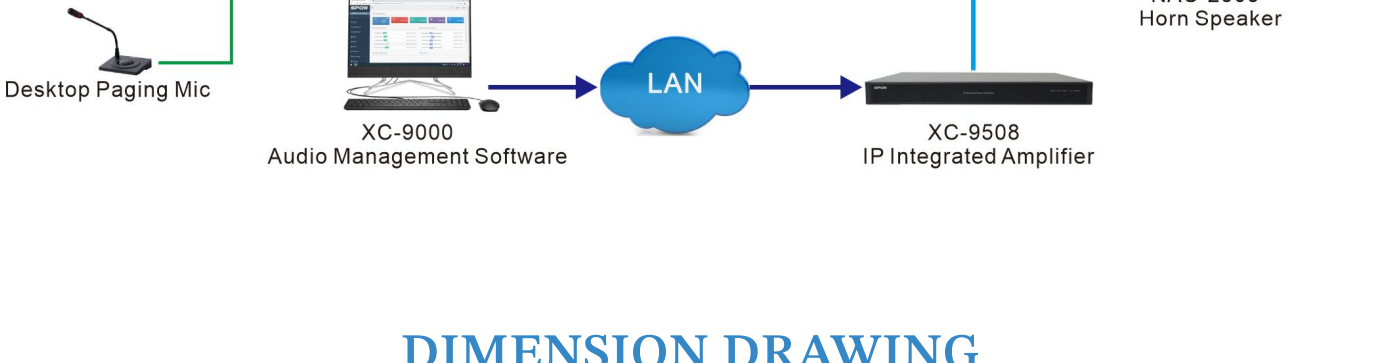
- ⑬ Fuse Holder
- ⑭ Fiber Optic Output Interface
Reserved.
- ⑮ Signal Output Interface
Mixing audio signal output interface.
- ⑯ Emergency Auxiliary Input
EMC1\EMC2, with priority.
- ⑰ Line Input Interface
AUX 1-AUX 3 three-line interface and it connect RCA audio line
- ⑱ 48V Phantom Power Switch
To control the Phantom power supply of MIC2-MIC5
- ⑲ Microphone Interface

INTERFACE DESCRIPTION



APPLICATION

- I Application 1
- SPON 8-Channel Mixer Pre-Amplifier NAC-5001 with multiple audio input channels which can be connected with external audio sources ,such as CD player/FM Tuner/Desktop Mircophone...,these audio streaming can be transmitted to the front-end speakers by SPON audio management software XC-9000.



DIMENSION DRAWING

