NAC-5001
Pre-Amplifier





8 Input Channels | Multi-Source Audio Input | Microphone Priority Paging

INTRODUCTION

SPON's Pre-Amplifier NAC-5001 is an 8-channel pre-amplifier designed for public address systems with multiple audio sources. It supports various microphone and line-level audio inputs, provides flexible line outputs for connection to power amplifiers or other audio devices, and features microphone priority, phantom power, and independent tone adjustment, making it suitable for schools, shopping malls, hotels, factories, and other PA applications with multiple audio sources.

MAIN FEATURES

- **1U Rack-Mount Design:** Built with a standard 1U rack-mount chassis and aluminum front panel for convenient installation and a professional appearance.
- **Multiple Audio Inputs:** Supports 10 audio input channels, including 5 MIC inputs, 3 AUX inputs, and 2 EMC inputs, meeting the needs of multi-source audio integration.
- **Dual Line Outputs:** Provides 2 line outputs for flexible connection to power amplifiers or other audio devices, making system expansion easier.
- **MIC Priority Paging:** MIC 1 has priority over other inputs and supports prompt tone output, making it ideal for paging and emergency broadcasting.
- **Independent Adjustment and Phantom Power:** Supports independent volume control for MIC and AUX channels, along with bass and treble adjustment and +48 V phantom power for condenser microphones and improved audio performance.

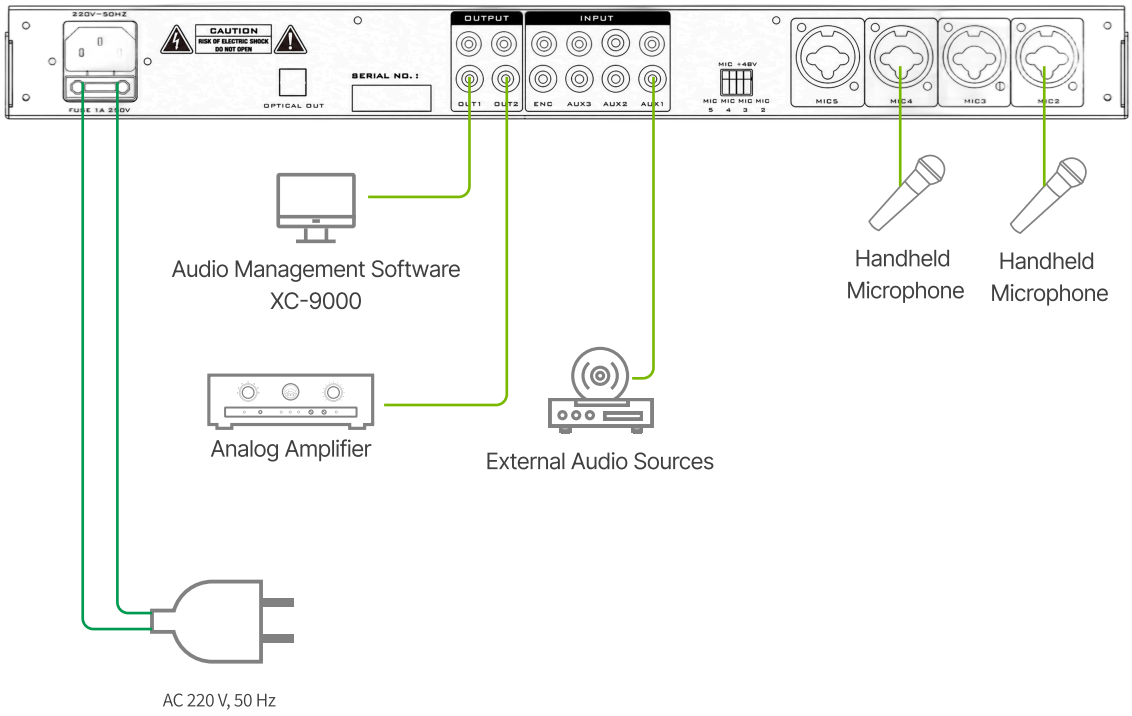
PARAMETERS:

Power Supply	AC 220 V, 50 Hz
Standby Power Consumption	≤20 W
Frequency Response	20 Hz to 20 kHz
S/N Ratio	≥50 dB (MIC Input), ≥80 dB (AUX Input)
Bass Control	±10 dB @ 100 Hz
Treble Control	±10 dB @ 10 kHz
THD	≤0.5% @ 1 kHz
Mounting Method	Rack-Mounted
Installation Environment	Dry Indoor Locations Only
Operating Temperature	-10°C to +50°C
Operating Humidity	≤90% RH, Non-Condensing
Front Panel Material	Brushed Aluminum
Body Material	SPCC Cold-Rolled Steel Plate
Color	Black
Product Dimensions	484 × 394 × 44 mm
Package Dimensions	600 × 500 × 100 mm
Net Weight	4.8 kg

ACCESSORIES:

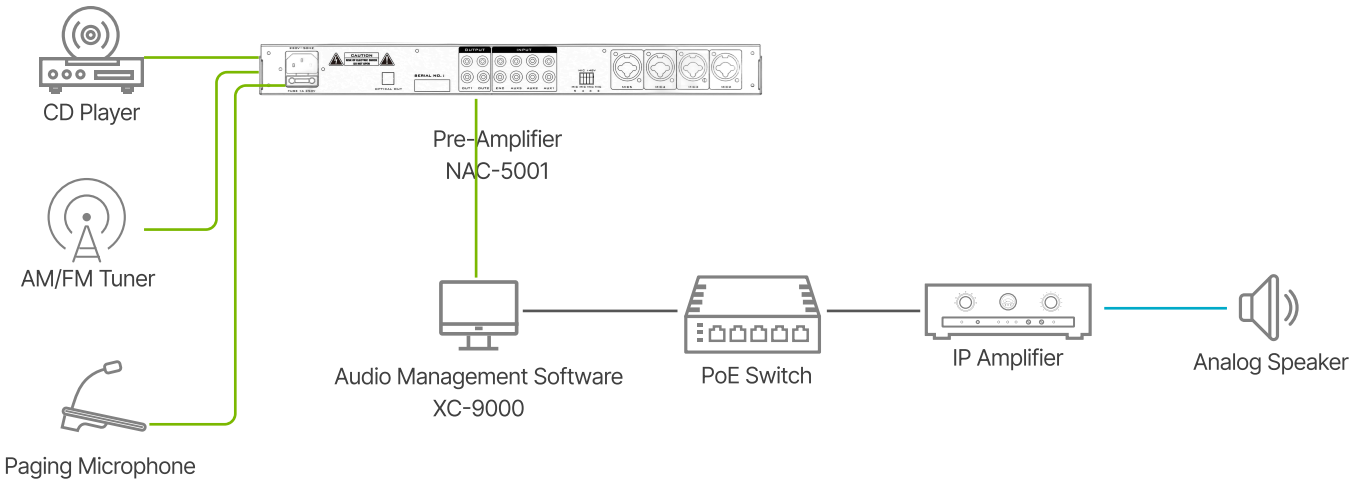
ACCESSORIES	1 × Power Cord (Optional) 1 × Audio Cable

CONNECTION DIAGRAM

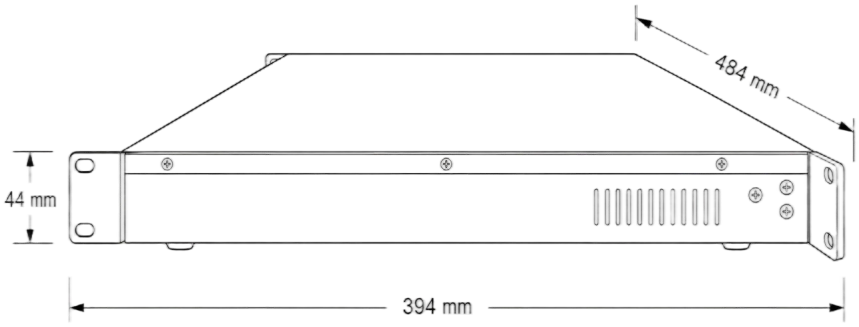


APPLICATION

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



NAC-5001	WEIGHT	MM
PRODUCT DESCRIPTION	OUTER DIMENSIONS (W*H*D)	UNIT HEIGHT
PRE-AMPLIFIER	484 × 394 × 44 mm	N/A