

NXT-2204P1K

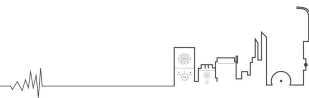
4*250Watt 100Volt Cloud-Based Rack Mount Integrated Amplifier



SPON Cloud-Based Rack Mount Integrated Amplifier NXT-2204P1K embedded with SPON's proprietary intellectual property, Industrial-grade hardware for higher stability. With 1U compact size, 4*250W full-rated power output. Digital amplifier chip for higher energy efficiency, built-in backup system for constant stability. 4*4 matrix channel design for precise control of the broadcasting area.

MAIN FUNCTIONS

1. Simple design to reduce non-specialized operations and lower maintenance issues.
2. Multiple mixing outputs, including 1 emergency microphone input and 4 front analog inputs. Each audio channel has independent volume control.
3. Built-in digital amplifier, providing constant pressure 100V output with efficiency exceeding 90%. By default, each of the 4 outputs has 250W power (configurable via a web interface).
4. Supports offline operation and automatically switches to local playback when the network is interrupted. It can store multiple sets of schedules and run them automatically based on the date.
5. Configuration can be easily set and saved with a single click through an app, allowing for remote real-time operation. It supports remote updates for scheduled tasks and ringtone files.
6. Dual network port design, supporting data connection through a hand-in-hand approach.



SPECIFICATION

Power Parameters

Power Supply: AC 220V, 50Hz

Rated Output: 4*250W

Rated Current: 10A

Audio Parameters

S/N (Signal-to-Noise) Ratio: MIC: $\geq 85\text{dB}$; AUX: $\geq 95\text{dB}$

Audio Sampling & Bit Rate: 48kHz, 24Bit

THD (Total Harmonic Distortion): $\leq 0.5\%$ at 1kHz, 1/2 power output

Frequency Response: 40Hz~18kHz

Network Parameters

Network I/F: 10BASE-T/100BASE-TX RJ45

Network Protocol: HTTP, RTP, TCP/IP, UDP, ARP, ICMP, IGMP

Configuration Method: Web Interface or NXT-APP

Mechanical & Environment Properties

Mounting Method: Rack Mount

Installation Environment: Dry Indoor Locations

Operating Temperature: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Operating Humidity: $\leq 90\%$ RH non-condensing

Housing Material: Surface-Treated Steel Plate

Color: Black

Product Dimensions: 483*334*44mm

Product Weight: 4.87Kg

Product Warranty: 2 Years

Accessories

1× Adapter (6.35 to 3.5)

1× RCA Audio Cable (1.5 meters)

2× Mounting Brackets

8× Countersunk Cross Screws (M4*6)

4× Foot Pads ($\Phi 123$ with 3M adhesive)

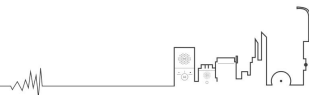
1× Power Cord (1 piece, 3*1.0mm²/1.5m)

1× Wire Terminal (5.08-4P)

4× Wire Terminals (3.81-4P)

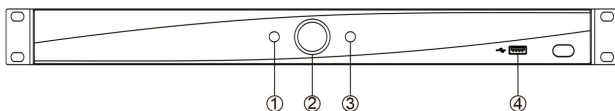
1× Certificate of Compliance and Warranty Card

1× Quick Installation Guide



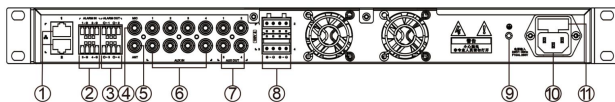
INTERFACE DESCRIPTION

[Front Panel]

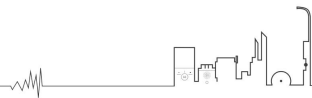


- ① Page Up Key
- ② Display
- ③ Page Down Key
- ④ USB Port

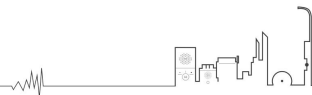
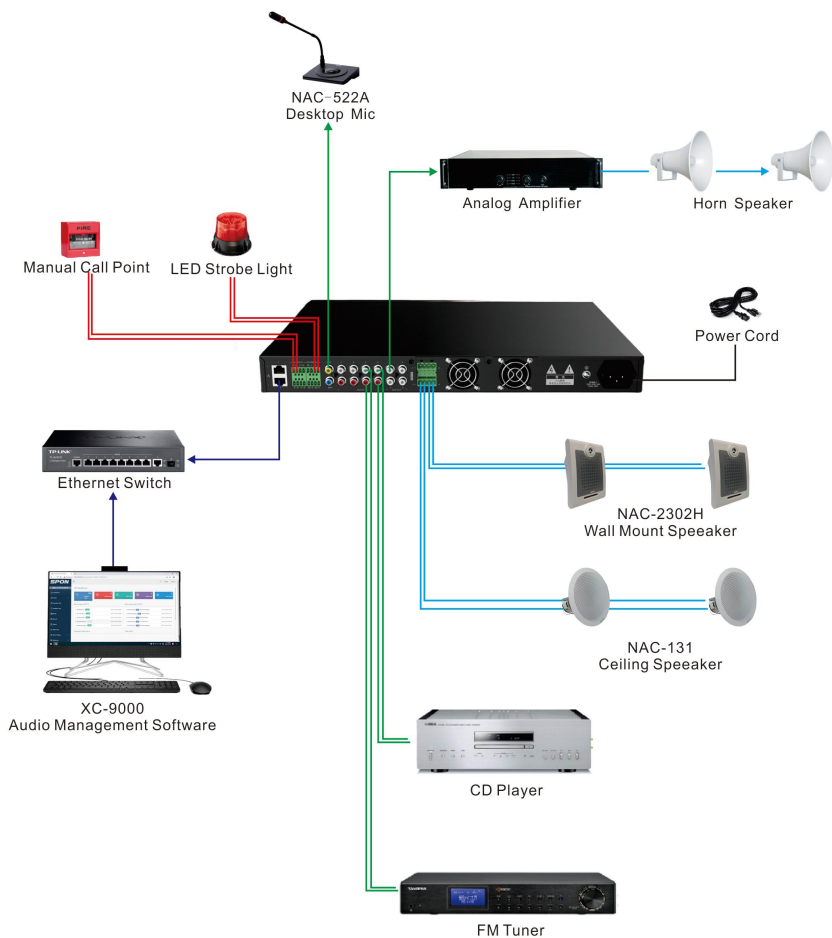
[Rear Panel]



- ① Ethernet Port
- ② Alarm Input Port
- ③ Alarm Output Port
- ④ None Dynamic Microphone Input Interface
- ⑤ FM Antenna Interface
- ⑥ Line Input Interface
- ⑦ Line Output Interface
- ⑧ Power Output Interface
- ⑨ Ground Terminal
- ⑩ Power Input Interface
- ⑪ Fuse



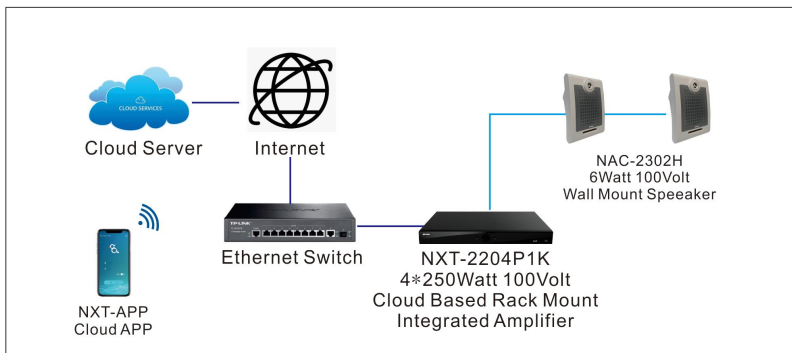
CONNECTION



APPLICATION

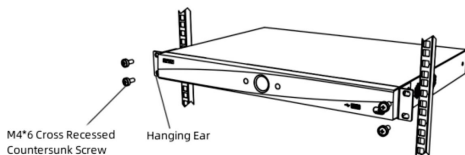
Application 1

SPON NXT-2204P1K 4*250Watt 100Volt Cloud Based Rack Mount Integrated Amplifier is suitable for chain stores, convenience stores, private residences and other scenes. It is a plug and play device; after it registers to the cloud server, user can use mobile to manage it everywhere in the world.



DIMENSION DRAWING

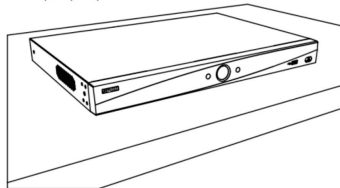
[Rack Mount]



Note: Please prepare the rack mounting screws separately.

[Desktop Mount]

The materials used from the accessory kit:
Φ12*3 (foot pads) X4



SPON

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