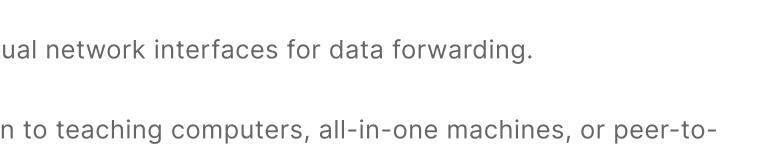


## NXT-2102

### Cloud Wall Mount Amplifier

NXT-2102 with Embedded SPON Proprietary iPAudio Digital Network Audio Technology. It's only half the size of a household TV box, with a concealed bracket for wall-mounting or installation with compatible speakers. It features local audio input and output, Bluetooth, a WiFi module, and additional functions. It has independent dual-channel power output and can also be used for zoning in smaller areas.



## MAIN FEATURES

### ▲ Innovative Design

- Wall-mounted installation : with an innovative bracket design for convenient and quick setup.
- LED Status Indicators: Equipped with LED lights that indicate the operational status of the terminal.

### ▲ Audio Input/Output Versatility

- Dual Line Inputs: Features two line inputs for connecting external audio sources and amplification.
- Line Output: One line output for audio output to other amplification systems.
- Local Input Control: Local input with adjustable volume and input sensitivity detection to avoid generating background noise.

### ▲ Multifunctional Audio Integration

- Dual Network Interfaces: Equipped with dual network interfaces for data forwarding.
- Teaching Redirection: Supports redirection to teaching computers, all-in-one machines, or peer-to-peer connections to another terminal.
- Class D Digital Amplifier: Built-in Class D digital amplifier with fixed 2\*15W output for CD-quality audio.
- Bluetooth Connectivity: Integrated bluetooth module for direct connection to mobile devices, enabling bluetooth amplification.
- Black/White List Settings: Supports customizable black and white list settings for enhanced security.

## SPECIFICATION

### POWER PARAMETERS

Power Supply:	DC 24V/2A ,PoE IEEE802.3AF/AT
Rated Power Output:	2*15W
Rated Loudspeaker Impedance:	4ohm

### MECHANICAL&ENVIRONMENT PROPERTIES

Mounting Method:	Wall-Mounted
Installation Environment:	Dry Indoor Locations
Operating Temperature:	0°C~+45°C
Operating Humidity:	< 95%
Body Material:	Medium Density Fiberboard
Color:	Black
Mask Material:	Knit Fabric
Product Dimensions:	110X110X42mm
Product Weight:	0.25Kg
Product Warranty:	2 Years

### ACCESSORIES

- 1×Power Adaptor(DC 24V/2A)(Optional)
- 2×Two Half-Round Head Phillips Screws(ST-4\*20)
- 1×Cross Wall Hanging Bracket
- 1×Round Wall Hanging Bracket
- 2×Terminal(3.81-4P)
- 2×Plastic Expansion Sleeve(F7)
- 1×Quick Installation Guide
- 1×Quality Certificate
- 1×Warranty Card

## INTERFACE DESCRIPTION

### [Front Panel]



Indicator Light Status	Device Status
White steady light	Power On
Green flashing	Normal Working
Red flashing	Request Login
Blue flashing	Network Abnormal

### [Rear Panel]



① 1: Network Port ,support PoE  
2: Cascading Port ,connect to other network device.

⑤ Line Output Interface

② Constant Resistance Output Interface

⑥ Line Input Interface

③ Constant Resistance Output Interface

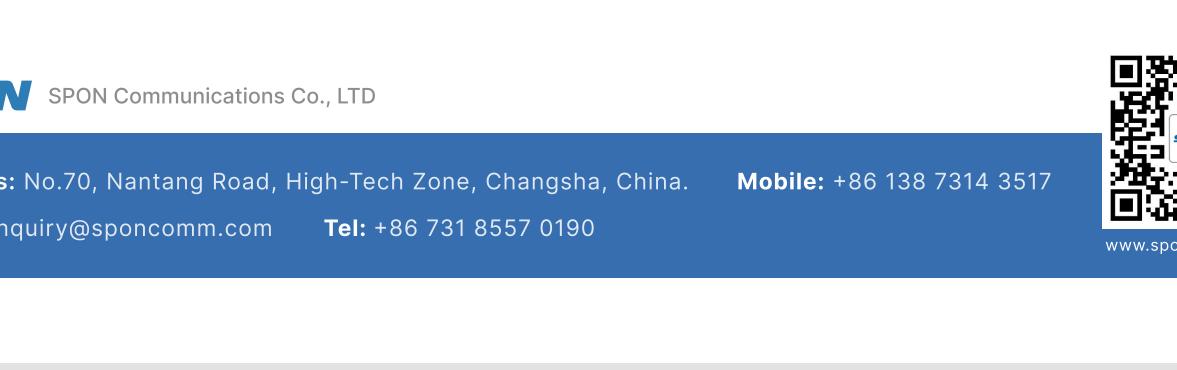
⑦ Power Input (DC24V/2A)

④ Mic Input Interface

⑧ USB 2.0 (Optional)

02

## CONNECTION DIAGRAM



03

## APPLICATION

### Application 1

SPON NXT-2102 Cloud Wall Mount Amplifier is suitable for any small size project ,such as chain stores, convenience stores, private residences and other scenes .It can be connected to the cloud server ,user can use mobile to manage at everywhere in the world.

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## DIMENSION DRAWING

### [Cross wall mounting bracket installation]



05



06

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