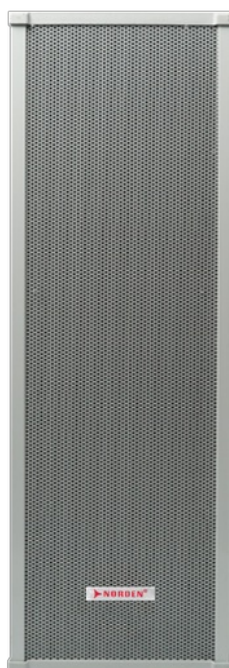


# IP/SIP Column Speaker 120W

IP Based PA System



## DESCRIPTION

NVS-IP100020SP is an IP based column loud speaker with an IPX5 rating that may be utilize outside for applications such as public address, music streaming, pre-recorded message transmission, and scheduled announcements. It's best used in parks, playgrounds, and outdoor plazas. It is an all-in-one design, integrated with network audio decoding, digital amplifier and loud speaker unit.

## FEATURES

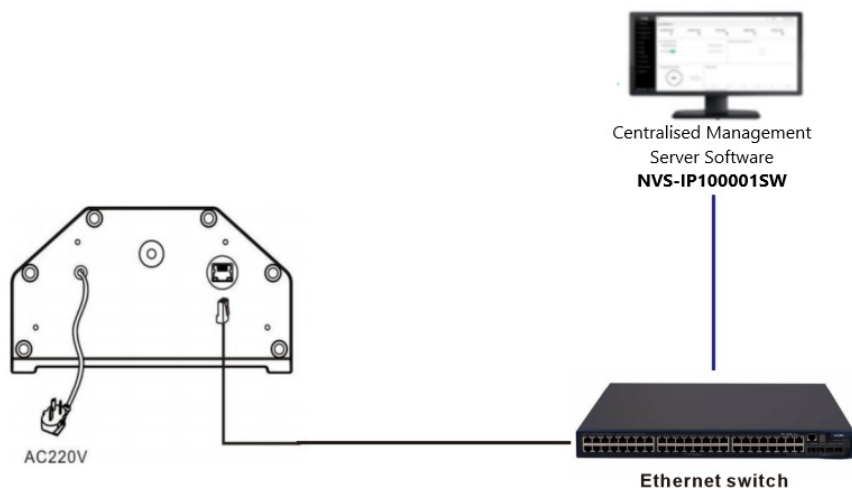
- ◉ Durable, all-metal shell with IPX5 waterproof rating and resistance to violence
- ◉ One-touch call function for full-duplex intercom, preset via server
- ◉ Built-in Speaker and microphone for hands-free calling and broadcasting
- ◉ All-in-one design combining network audio decoding, digital amplifier, and loudspeaker unit
- ◉ Built-in high-capacity flash and clock chip for offline broadcasting
- ◉ Built-in loop detection function for remote monitoring and easy maintenance of speakers
- ◉ Ambient noise detection during idle periods, with automatic adjustment of broadcast volume based on noise levels
- ◉ Remote volume adjustment via NORDEN server software
- ◉ Standard RJ45 Interface, enables access to the system via Ethernet, supporting crossing network segments and routers
- ◉ Fully compliant with standard SIP protocols for seamless integration with top SIP PBX systems like Asterisk, Cisco, and Yeastar
- ◉ Web interface for parameter configuration and remote firmware upgrades, enhancing functionality and user experience

Specifications	
Model	NVS-IP100020SP
Power Supply	AC 220V/50Hz
Standby Power Consumption	≤150W
Power Output	120W
Audio Codec	MP2, MP3, PCM, ADPCM
Audio Sampling & Bit Rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Signal to Noise Ratio	≥80dB
Frequency Response	200Hz-18KHz

# IP/SIP Column Speaker 120W

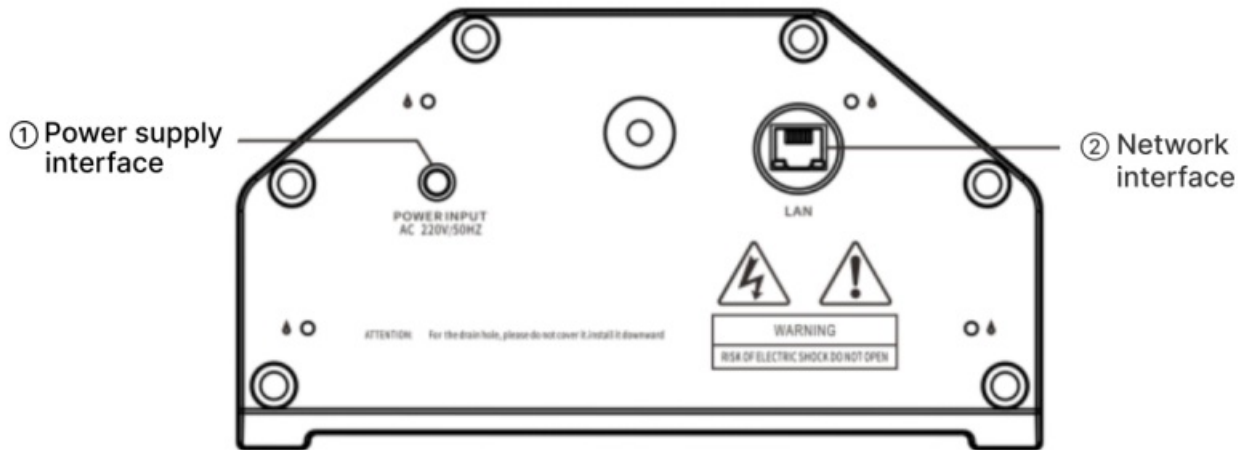
Sensitivity (1W, 1m)	93dB
Network Interface	10BASE-T/100BASE-TX RJ45
Network Protocol	TCP/IP, UDP, ARP, ICMP, IGMP
Configuration Method	Web Interface
Mounting Method	Surface Mounted
Installation Environment	Outdoor Locations
Operating Temperature	-20°C~+55°C [-4°F~+131°F]
Operating Humidity	10%-90% RH (Non-Condensing)
Shell Colour & Material	White & Aluminium Alloy
Net Colour & Material	White & Steel
Net Surface Treatment	Powder Spraying
Bracket Material	Steel
Product Dimensions	1110x227x125 mm
Product Weight	13.55 Kg

## CONNECTION DIAGRAM



# IP/SIP Column Speaker 120W

## Input Connection



## ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100020SP	IP/SIP Column Speaker 120W	01

## ACCESSORIES INFORMATION

Description	Standard Quantity
Quick Installation Guide	01
Power Adaptor (DC24V/2.75A)	01
Certificate and warranty card	01
Rectangular metal piece	01
L-type Installation frame	02
Nut & Spring washers	02
Waterproof tail wire connector	01