NVS-IP100029SP

30W Wall mount IP Speaker

IP Based PA System

DESCRIPTION

The NVS-IP100029SP is an IP Wall Mount speaker. There is no need for any extra audio equipment to create a whole system because this speaker is an all-in-one device with a network audio decoder, class-D digital amplifier, and DSP (digital signal processor) built in. Clear, comprehensible voice messages are sent immediately out of the box due to pre-configured digital signal processing. A user-friendly browser interface can be used to configure the speaker. The speaker has capabilities including fault detection and automatic volume control. It can be configured for playing scheduled tasks from server.

FEATURES

- ⊙ Unified design with audio decoder, digital amplifier, and speaker
- ⊙ Built-in Class-D digital amplifier with 2×30W output for external speakers
- ⊙ Built-in 5" woofer and 3" tweeter
- ⊙ Built-in clock chip for NTP automatic timing
- ⊙ Offline broadcasting with high-capacity internal flash
- ⊙ Local broadcasting via UHF wireless microphone
- ⊙ Standard SIP protocol support for PBX integration
- ⊙ IEEE 802.3 at PoE+ interface for versatile installation
- ⊙ Remote management and online upgrade capabilities
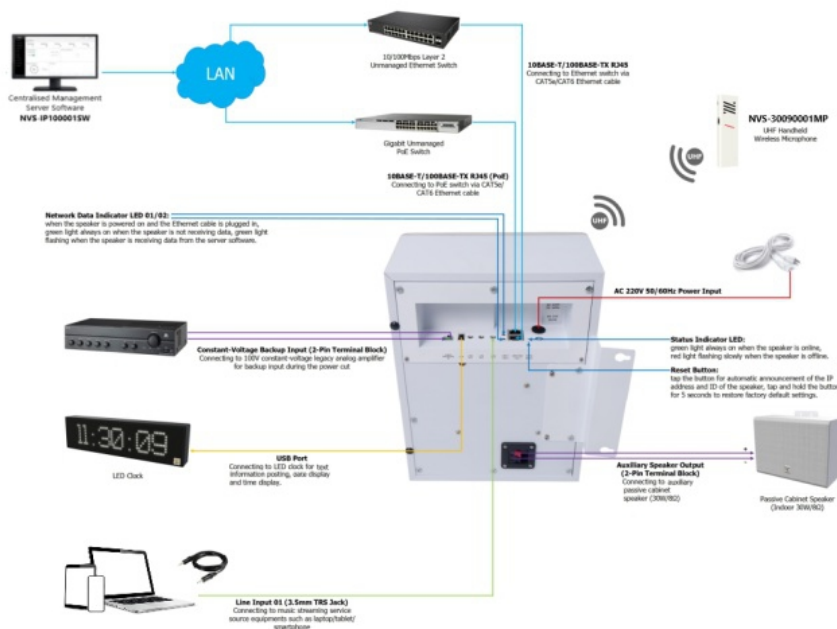- ⊙ User-friendly browser interface can be used to configure the speaker

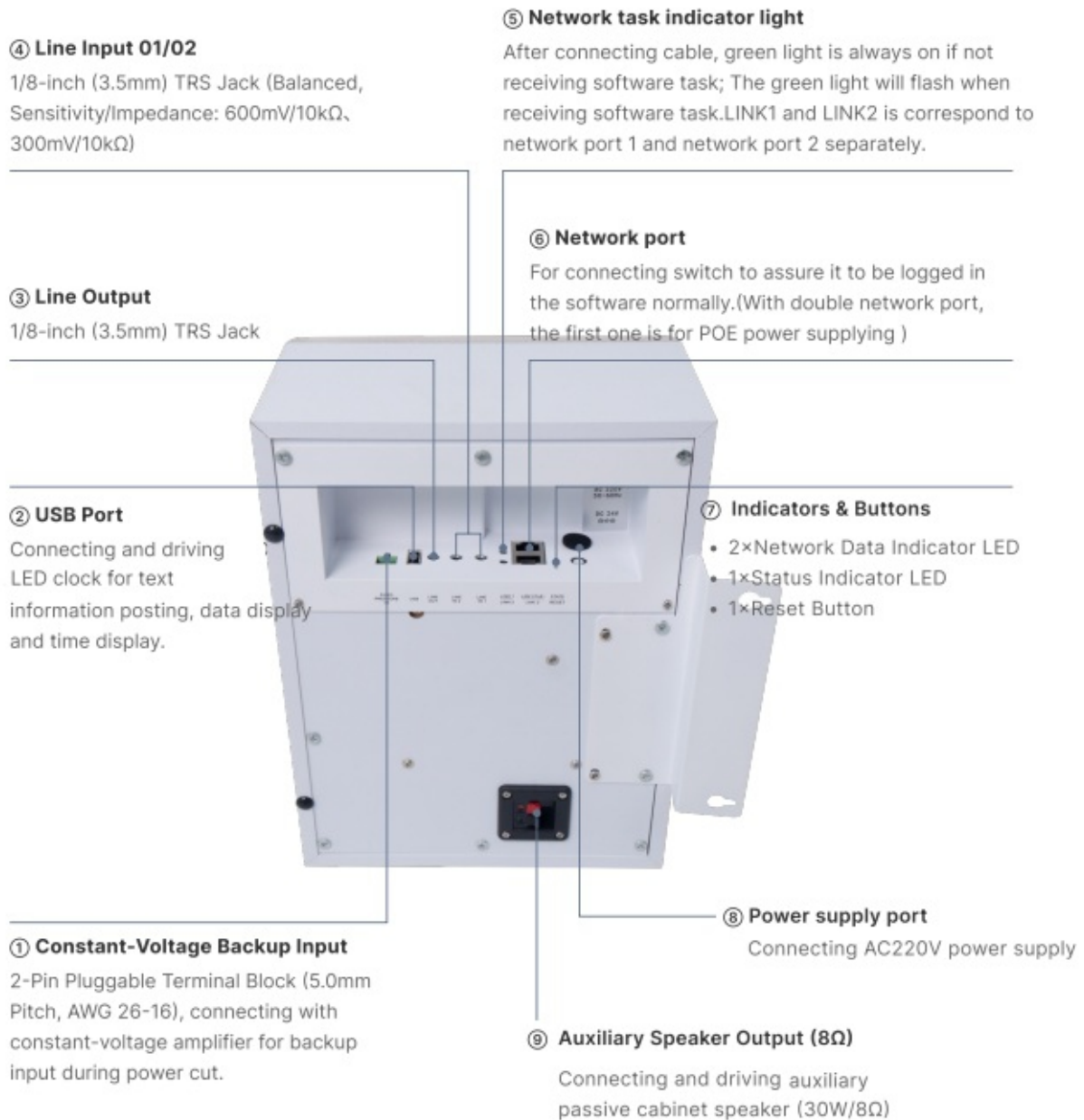| Specifications	
Model	**NVS-IP100029SP**
Power Supply	AC 220V 50/60Hz, PoE+ (IEEE802.3at)
Standby Power Consumption	≤3W
Power Output	2×30W (at AC 220V/50Hz powered)
	2×7W (at PoE+ powered)
Audio Codec	MP3, PCM, G.711 A-law, G.711 µ-law
Sensitivity (1W, 1m)	86dB±3dB
Maximum SPL	92dB±3dB
Signal to Noise Ratio	≥80dB
Audio Sampling & Bit Rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps

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Frequency Response	35Hz~18kHz
Network Interface	10BASE-T/100BASE-TX RJ45
Network Protocol	SIP (RFC3261),FTP,HTTP,TCP/IP,UDP,ARP,ICMP,IGMP
Configuration Method	Web Interface or DevConfig Tool
Mounting Method	Wall Mounted
Installation Environment	Dry Indoor Locations Only
Operating temperature	-10°C~+45°C (14°F~113°F)
Storage Temperature	-20°C~+65°C (4°F~149°F)
Operating Humidity	10%~90% RH Non-Condensing
Grille Material	Mesh Cloth
Grille Colour	Off White
Colour	Off White
Cabinet Material	SGS Certified Medium Density Fiberboard
Cabinet Colour	White
Product Weight	3.7 Kg
Product Dimensions	290x215x117 mm
Packaging	Carton Box
Packed Dimensions	370x360x320 mm
Packed Weight	4.0 Kg

CONNECTION DIAGRAM

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Input Connection

④ **Line Input 01/02**

1/8-inch (3.5mm) TRS Jack (Balanced, Sensitivity/Impedance: 600mV/10kΩ、300mV/10kΩ)

⑤ **Network task indicator light**

After connecting cable, green light is always on if not receiving software task; The green light will flash when receiving software task.LINK1 and LINK2 is correspond to network port 1 and network port 2 separately.

③ **Line Output**

1/8-inch (3.5mm) TRS Jack

⑥ **Network port**

For connecting switch to assure it to be logged in the software normally.(With double network port, the first one is for POE power supplying)

② **USB Port**

Connecting and driving LED clock for text information posting, data display and time display.

⑦ **Indicators & Buttons**

- 2×Network Data Indicator LED
- 1×Status Indicator LED
- 1×Reset Button

⑧ **Power supply port**

Connecting AC220V power supply

① **Constant-Voltage Backup Input**

2-Pin Pluggable Terminal Block (5.0mm Pitch, AWG 26-16), connecting with constant-voltage amplifier for backup input during power cut.

⑨ **Auxiliary Speaker Output (8Ω)**

Connecting and driving auxiliary passive cabinet speaker (30W/8Ω)

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100029SP	30W Wall mount IP Speaker	01

30W Wall mount IP Speaker

ACCESSORIES INFORMATION

Description	Standard Quantity
2 Pin Pluggable Terminal Block Connector (5.0mm Pitch, AWG 26 16)	01
3.5mm Male to Male Stereo Audio Cable (Length: 2.5m)	01
Phillips Pan Head Self Tapping Screw	03
Plastic Self Drilling Drywall Anchors	03
Quick Installation Guide	01
Quality Certificate	01
Warranty Card	01