NVS-IP100041AT

8 Zone IP Adapter

IP Based PA System

DESCRIPTION

The NVS-IP100041AT is a 8 zone IP based adapter that seamlessly links analog PA systems to IP networks. To convert analog PA systems to IP-based systems, the adapter simply attaches to the traditional analog amplifier. Due to its own multi-zone function, it is more suitable for multi-zone applications such as commercial complex, buildings, etc.

FEATURES

◉ 1U Rack Mounted Design: Space efficient form factor suitable for standard server racks

◉ Integration Capability: Designed for seamless integration with existing analog public address (PA) systems

◉ High-Speed Chipset: Utilizes a high-speed industrial dual-core (ARM+DSP) chip for rapid processing, with a start time of ≤1s

◉ Independent Zoning: Features independent 8 zoning functionality, ideal for multi-zone environments with shared audio sources

◉ With controlled power output interface to control the switch of external amplifier

◉ Power Output Control: Equipped with a controlled power output interface to manage the switching of external amplifiers

◉ Relay Outputs: Provides 8 independent relay outputs with DC 24V, enabling control of external devices

◉ Line Output Interface: Includes a line output interface for connection to legacy amplifiers, allowing reception of broadcasts from NORD mana

◉ Zone Paging Support: Capable of receiving zone paging signals from IP paging microphones

◉ Remote Management: Supports remote management for convenient control and monitoring

◉ Online Upgrade: Enables online firmware upgrades to ensure system compatibility and performance enhancements

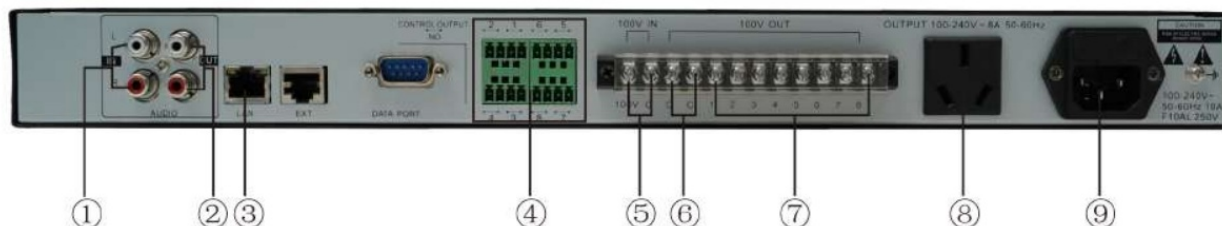| Specifications	
Model	NVS-IP100041AT
Power Supply	AC 100-240V 50/60Hz
Standby Power Consumption	≤10W
Audio Codec	MP2, MP3, PCM, ADPCM
Audio Sampling & Bit Rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Frequency Response	60Hz-20kHz
Signal to Noise Ratio (Broadcast Speaker)	≥75dB
Total Harmonic Distortion	≤0.3%, 1kHz
Network Interface	10BASE-T/100BASE-TX RJ45
Network Protocol	TCP/IP, UDP, ARP, ICMP, IGMP
Configuration Method	DevConfig Tool
Mounting Method	1U Rack Mounted
Installation Environment	Dry Indoor Locations Only
Operating Temperature	-10°C~+50°C (14°F~122°F)
Storage Temperature	-20°C~+60°C (-4°F~140°F)
Operating Humidity	≤90% RH (Non Condensing)

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Front Panel Material	Brushed Aluminum
Housing Material	Surface Treated Steel Plate
Colour	Black
Product Weight	3.2 Kg
Product Dimension	483x259x44 mm

FRONT PANEL

① The power switch and power indicator

REAR PANEL
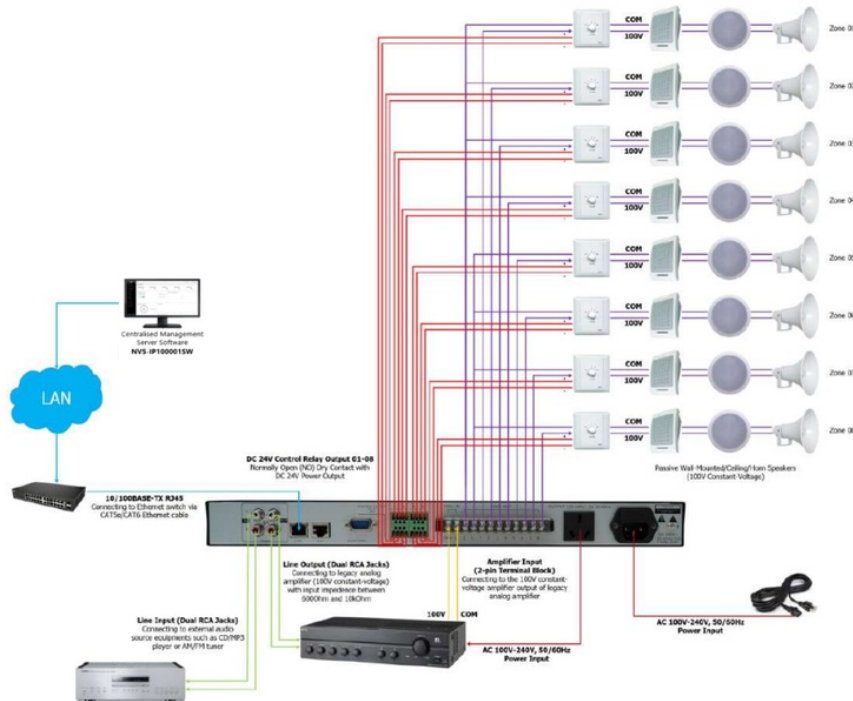
① Audio Input Port
② Audio Output Port
③ Network Input Port
④ Short Circuit Output Port
⑤ Constant Voltage (100V) Audio Input

⑥ Constant Voltage Power Output Interface
⑦ Zone Control Output Interface
⑧ Power Control Output Port
⑨ Power Input Port

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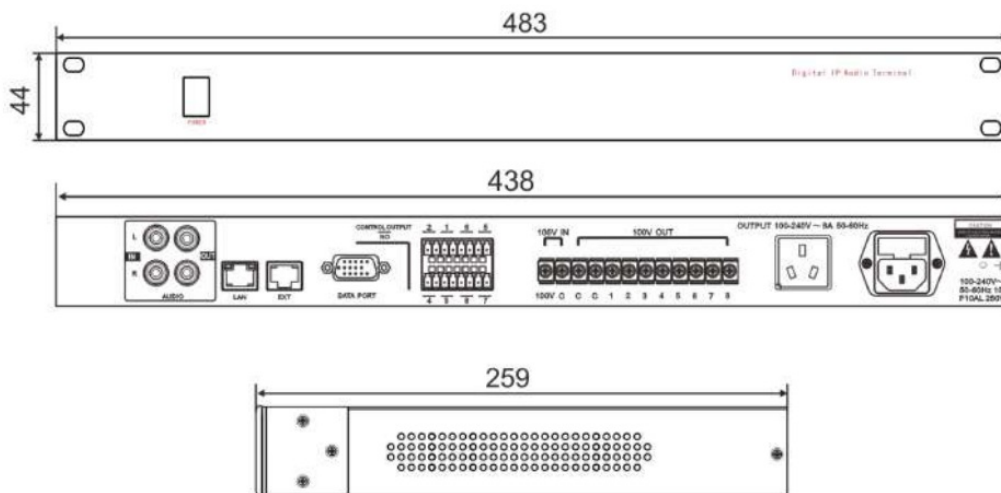## CONNECTION DIAGRAM

DIMENSION

Unit: mm

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100041AT	8 Zone IP Adapter	01

8 Zone IP Adapter

ACCESSORIES INFORMATION

Description	Standard Quantity
4-Pin Pluggable Terminal Block Connector (3.81mm Pitch, AWG 26-16)	04
RCA Male to Male Stereo Audio Cable (Length: 1.5m)	01
Quick Installation Guide	01
Quality Certificate	01
Warranty Card	01