NVS-IP100005PM

IP Based Paging microphone with Built in Server

DESCRIPTION

The NVS-IP100005PM is an IP based Paging Microphone with built-in server and is made up of high-end aluminium panel which is sturdy and durable. This product is equipped with a built-in 3W speaker and a unidirectional condenser microphone for hands free call. It supports initiating and receiving offline intercom and broadcast without centralized management server software. It is equipped with standard RJ45 interface which is accessible to the system wherever ethernet is available. It is compatible with standard SIP protocol and it can be register to VoIP (mainstream IPPBX such as Asterisk, Yealink and so on) system independently. It supports U-disk and external audio sources mixing input to front-end terminals via network broadcasting.
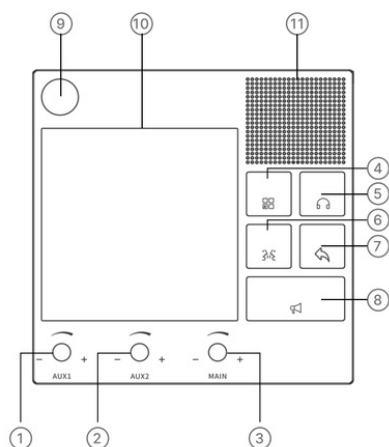
FEATURES

- Professional paging mic design, sturdy and durable
- Made of High-grade aluminium shell
- High-definition 4" digital true colour capacitive touch screen (resolution ratio: 480×480)
- Controllable via "Easy Mic" mobile app for the configurations of paging zones and scheduled bell ringing tasks
- Supports making live paging announcement to all zones, designated zone or designated IP endpoint
- Built-in 3W loudspeaker & unidirectional condenser microphone for live paging announcements, two-way hands-free intercom & audio monitoring
- Built-in digital audio processor to improve noise reduction effect and audio quality
- Built-in ultra-compact mixing console for audio mixing of 5 channels of audio sources (including MIC, AUX1, AUX2, Bluetooth & USB)
- Built-in web server for the management of maximum 30 IP endpoint devices
- Support easy configuration and online firmware upgrade via user-friendly webpage
- Support remote firmware upgrade via "Easy Mic" mobile app
- Compatible with standard SIP protocol, can be registered on VoIP phone system (mainstream brands like Cisco, Asterisk, etc.) independently
- Equipped with relay input (2-pin terminal block), which can be connected to external detection devices
- Standard RJ45 Ethernet port, accessible to the system wherever Ethernet is available, supporting cross-segment and cross-router

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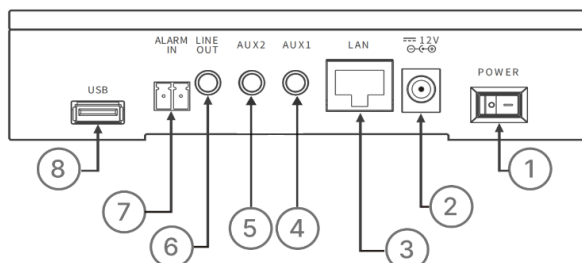| Specifications	
Model	**NVS-IP100005PM**
Power Supply	DC 12V/2A
Standby Power Consumption	≤3W
Audio Codec	G.711 A-law, G.711 μ-law, G.729, PCM/L16
Signal to Noise Ratio	≥80dB
Audio Sampling & Bit Rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Frequency Response	100Hz~16kHz
Network Interface	10BASE-T/100BASE-TX RJ45
Network Protocol	SIP (RFC3261), HTTP, DHCP, TCP/IP, UDP, ARP, ICMP, IGMP
Configuration Method	Local Settings/Web Interface
AUX Input 1	1/8-inch (3.5mm) TRS Jack
AUX Input 2	1/8-inch (3.5mm) TRS Jack
Line Output	1/8-inch (3.5mm) TRS Jack
Relay Input	2-Pin Pluggable Terminal Block (3.5mm Pitch, AWG 28-16)
USB Port	Inserting USB flash drive for playing the stored music files
Mounting Method	Desktop
Installation Environment	Dry Indoor Locations Only
Operating Temperature	0℃~+45℃ (32℉~113℉)
Storage Temperature	-10℃~+55℃ (14℉~131℉)
Operating Humidity	≤90% RH (Non-condensing)
Casing Material	Aluminium Alloy
Colour	Black
Product Dimension	144×144×34.10 mm
Product Weight	0.55 Kg
Packaging	Carton Box
Quantity of each Carton	1 PCS
Packed Dimension	370x260x110 mm
Packed Weight	1.1 Kg

FRONT PANEL

1. **Volume Adjustment Knob 01:** Adjust the volume of AUX input 01.
2. **Volume Adjustment Knob 02:** Adjust the volume of AUX input 02.
3. **Main Volume Adjustment Knob:** Adjust the volume of all input channels.
4. **Shortcut Button:** Enter the functionality settings interface.
5. **Monitoring Button:** Enter the quick monitoring interface.
6. **Intercom Button:** Enter the quick intercom interface.
7. **Back Button**
8. **PA Button:** Enter the quick broadcasting interface.
9. **Gooseneck Microphone Socket**
10. **4" Touch Screen**
11. **Loudspeaker**

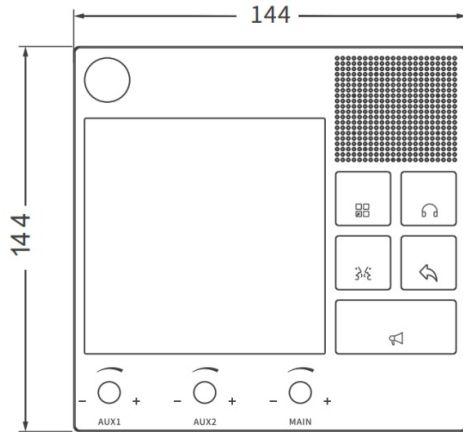# IP Based Paging microphone with Built in Server

REAR PANEL

1. **Power Switch**
2. **DC 12V/2A Power Input**
3. **RJ45 Ethernet Port**
4. **AUX Input 01** (3.5mm TRS Jack)
5. **AUX Input 02** (3.5mm TRS Jack)
6. **Line Output** (3.5mm TRS Jack)
7. **Relay Input** (2-Pin Terminal Block)
8. **USB Port**

CONNECTION DIAGRAM

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NORDEN®

DIMENSION

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-IP100005PM	IP Based Paging microphone with Built in Server	01

ACCESSORIES INFORMATION

Description	Standard Quantity
2-Pin Pluggable Terminal Block Connector	01
Gooseneck Microphone	01
Quick Installation Guide	01
DC 12V/2A Power Adapter (Optional)	01