



IP Speaker PROV-H Series



PROVCOM IP Speaker is a high-quality audio device designed for professional use in commercial and industrial settings.

It features advanced audio processing and networking capabilities, allowing it to be easily integrated into any existing audio system.



PROV-H-321P

IP VoIP Ceiling Speaker



Product Specifications

Speaker features

- SIP/Multicast compatible.
- Can join up to 30 Multicast Group.
- SIP supports 3 SIP servers and backup SIP proxy servers.
- Web-based configuration.
- SIP support SIP domain, SIP authentication (none, basic, MD5), Peer to Peer/ IP Call
- Network and manual volume control.
- Email/SMS notifications.
- Built-in Microphone

Network/ Security Features

- LAN: 10/100M Ethernet port
- Support VLAN (voice VLAN/data VLAN)
- Support 802.1x
- Support basic NAT and NAPT
- NAT transverse support STUN client
- Support DHCP server on LAN
- Support DNS Relay, SNTP Client.
- Firewall, OpenVPN
- Network tools in telnet server: including ping, trace route, telnet client
- Support VPN (L2TP).

Audio Features

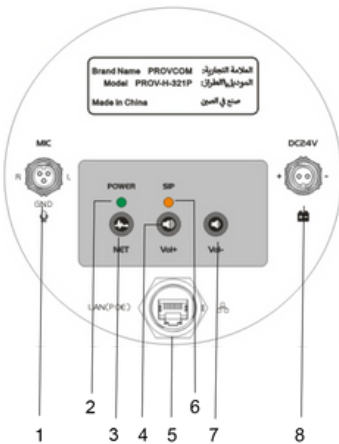
- Codec: G.711, G.7231,G.729a/b, G.722,G.726
- DTMF: In-band, RFC2833 and SIP INFO
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Echo cancellation: Support G.168

Physical Features

- Adapter Input:100-240V or Power-over-Ethernet (PoE 802.3af)
- Adapter Output:5-18V
- Power Consumption- Idle: 2.5W/Active: 30W
- Dimension: 205x140x145 mm

Product Specifications

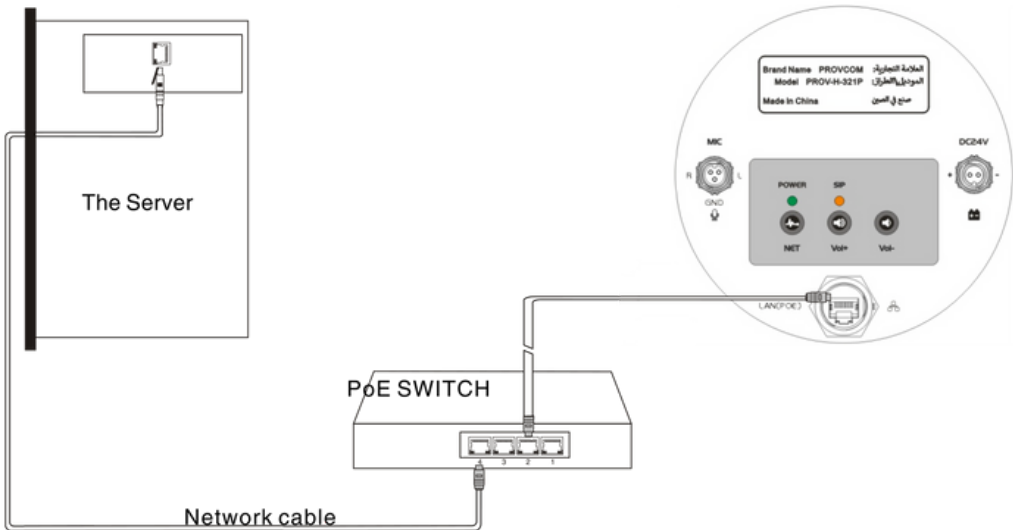
Parts



Name

- | | |
|------------------------|-----------------------------|
| 1 Microphone connector | 6 Network input indicator |
| 2 Power indicator | 7 Volume Down |
| 3 USB Input | 8 DC24V Standby power input |
| 4 Volume increase | |
| 5 LAN&POE POE | |

Link

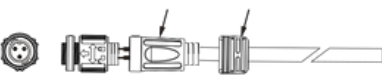


Install

1. Unscrew the two-end screw cap and take out the wiring core



2. Thread the wire through the nut sleeve

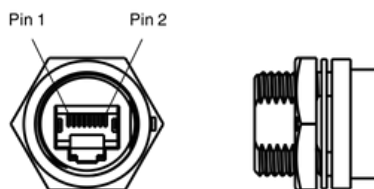


3. The wire is welded and fixed after being inserted into the wiring core



4. Tighten the sleeve and nut after connection

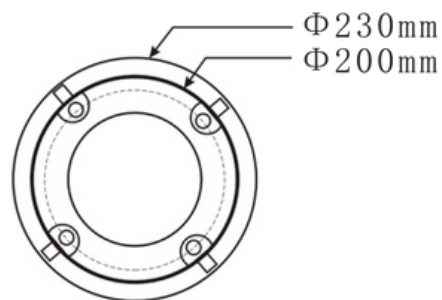
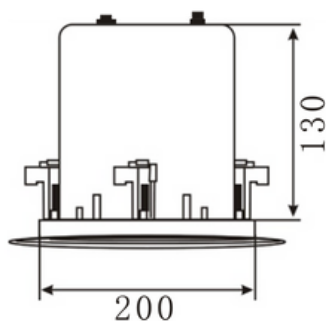
5. Tighten the nut to complete the connection



T568B

Item	1	2	3	4	5	6	7	8
Colour	Orange -white	Orange	Green -white	Blue	Blue -white	Green	Brown -white	Brown

Install



Application Scenarios



Education



Hotels



Shopping Centers



Airports



Government
offices



Religious
buildings



Health Care



Retail Shops



Train and bus stations



Banks



Warehouses



Car parking
area

Summary

Product Model	PROV-H-321P
Main Chip used	DSPG DVF9918
Communication Protocol	SIP 2.0(RFC-3261)
Model of POE standard	IEEE802.3a, POE plus
Voice stream support protocol	RTP
Speech stream codec	G.729,G.723,G.711,G.6.722
Power supply mode	24V DC 2A
Rated power	30W
Digital Keyboard	Support
Number of direct keys	3
Hands-free microphone	1
Full duplex hand-free	Support (AEC)
Maximum current	2000mA
Power consumption	45mW
Distortion (T.H.D.)	0.1
S/N ratio	97d
Frequency response	80-16000Hz
WAN interface	10/100BASE-TXS Auto-MDIX R-4
LAN interface	10/100BASE-TXS Auto-MDIX R-4
Cabling requirements	Unstructured CAT- 5e or better
The pair of the power supply cable	2 2
Line input	500mV
Line output	1000mV
Network playtime	50m
Network play recovery time	1
Repeat interval time	50m
Real-time play recovery time	50m
Size	230*150
Net weight	2.0kg
Working temperature	-40 to 70
Storage temperature	-40 to 70
Relative humidity of the working environment	10% - 95%