

neron

SIP HORN SPEAKER

PAGING | ANNOUNCEMENT | PUBLIC ADDRESS

Powerful and reliable IP-based voice communication for outdoor and industrial environments.



High Sound Output
Clear and loud announcements



PoE Powered
Power and network via single cable



SIP Integration
Works with IP-PBX and SIP systems



ONVIF Integration
Compatible with ONVIF platforms



Live & Scheduled Announcements
Real-time and scheduled paging



Rugged & Weatherproof
Built for outdoor and industrial use

PRODUCT MODELS



PAS-H15P
15W
SIP Horn Speaker



PAS-H30P
30W
SIP Horn Speaker



PAS-H60
60W
SIP Horn Speaker

KEY FEATURES

- High sound output for long-distance voice coverage
- SIP-based paging and announcement
- PoE powered (IEEE 802.3af/at)
- ONVIF integration with surveillance platforms
- Live and scheduled announcements
- Weatherproof and UV-resistant housing (Outdoor use)
- Phoenix terminal for external control and integration
- Wide coverage angle for open areas
- Easy installation with adjustable mounting bracket
- Suitable for campuses, industrial areas, parking, transportation, and public spaces

APPLICATIONS



Industrial Facilities
Operational alerts and safety announcements



Educational Institutions
Campus-wide paging and notifications



Corporate Offices
Outdoor announcements and emergency alerts



Transportation Hubs
Passenger information and emergency messaging

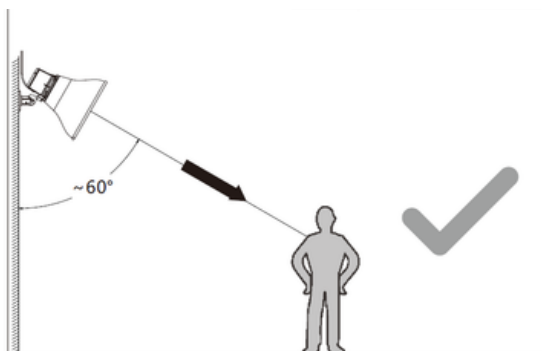
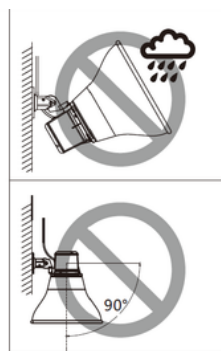


Parking Areas
Guidance and public address



Perimeter & Security
Integration with ONVIF surveillance systems

Powered by SIP-based communication technology, it enables integration with compatible IP-PBX systems and unified communication platforms for centralized paging, live announcements, and emergency broadcasts. Its horn-shaped acoustic design supports long-range sound projection, making it suitable for environments where announcements must reach a wider audience.



INTERFACES & CONNECTIVITY



LAN (PoE)
10/100 Mbps
RJ45 (Waterproof)

Phoenix Terminal

- External Control
- Trigger Input
- Audio Integration
- Satellite Speaker (optional)

KEY BENEFITS



Powerful & Wide Coverage



Reliable & Secure Communication



Easy Deployment



Weatherproof Outdoor Design



Seamless System Integration



Cost-Effective Solution



Better Communication



Safer Environments



Smarter Facilities



Connected Spaces

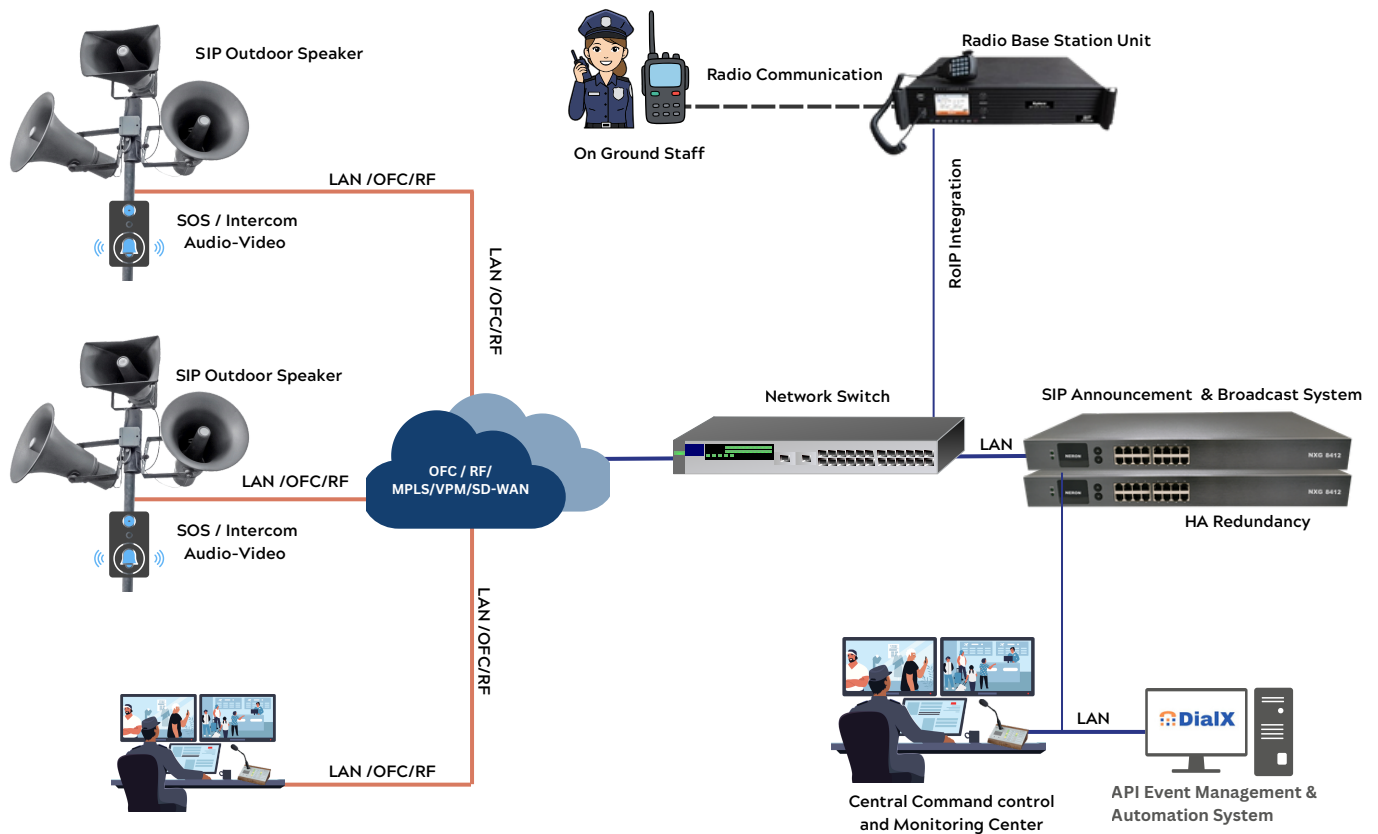
		PAS H15P	PAS H30P	PAS H60
Speaker	Amplifier	Class D 15W	Class D 30W	Class D 60W
	Speaker component	1.3"mid-high frequency driver unit	1.5"High-frequency driver unit	1.5"Mid-frequency driver unit
	Sensitivity	113 dB/1m/1W/1KHz	115 dB/1m/1W/1KHz	116 dB/1m/1W/1KHz
	Max Sound Pressure Level	124dB	129dB	133dB
	Rated Power	DC: 8Ω 15W or PoE: af-8Ω 8W / at-8Ω 15W	DC: 8Ω 30W or PoE: af-8Ω 8W / at-8Ω 20W	DC : 4Ω 60W
	Frequency range	300Hz~10KHz	300Hz~10KHz	380Hz~10KHz
	Coverage	119°H 119°V effective distance 150m	78°H 78°V, effective distance 200m	78°H 78°V, effective distance 300m
	Acoustics	Mono		
SIP & Codec	Audio Codec	G.722, G.711 A-law, G.711 U-law, Opus		
	Audio streaming	MP3 sampling rate 8 – 48KHz, bit rate 64 – 320kbps, Mono or Stereo		
	SIP Account	3 SIP Account		
Physical Interface	Ethernet	10/100Mbps, support PoE IEEE 802.3af/at		
	Phoenix terminal	1x 3-pin 3.81mm Phoenix terminal （Dry Contacts） 1x2-pin 3.81mm Phoenix terminal （switch）		
	Power Socket	DC Female interface(5.5*2.1mm)		
Protocols	Network Protocols	SIP(RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH		
Administration	Administration	Web interface		
	Provisioning method	MQTT or auto provisioning server		
	API	MQTT		
Hardware Specification	Memory	128MB RAM, 256MB Flash		
	Power input	PoE IEEE802.3af/at standard adaptive or DC 24V-2A		
	Enclosure/Cabinet	Iron+ABS+Aluminum-Alloy Grille		
	Color	White		
	Weight	1.75KG	2.25KG	2.65KG
	Dimension	Ø200 x 235 mm	Ø246 x 292 mm	Ø325 x 350 mm
	Mounting	Wall/Pole mounted		
	IP Rating	IP66		
Environmental	Installation environment	Indoor/Outdoor		
	Operating temperature	-30°C- 70°C (-22°F - 158°F)		
	Storage temperature	-40°C- 70°C (-40°F - 158°F)		
	Humidity	10% - 95% RH Non-condensing		

Warranty 2 Years

Monitoring and Automation System

- User Role and Permission
- Device monitoring
- Live call monitoring
- Centerlised CDR Management
- Trunk Monitoring
- Channel and Extension monitoring
- Telephony Automation
- Call Audit and Reports
- Call Detail Reports and Analytics
- SMS/Email integration
- SMS/Email integration
- Call Recordnig Management
- Telephony Event Alert
- Connectivity alert notification
- 3rd Party API integration
- Visual Conference Room
- Visual Voice Mail
- Call Queue monitoring
- IVR Broadcast Alert
- Paging and Announcement monitoring





NETWORK CONNECTIVITY DIAGRAM



"**Neron Informatics** stands at the forefront as a leading manufacturer and unified communication solution provider dedicated to the digital workplace. Established in 2017, Neron Informatics is a proud DIPP Certified organization under the 'Make in India' initiative by the Government of India. Headquartered in Ghaziabad (UP) with branch locations in major cities across India, Neron Informatics is committed to delivering end-to-end telecom infrastructure and telephony automation solutions. We leverage a wide range of UC hardware and software, ensuring our clients receive top-notch products designed to global standards. Our offerings cater to SOHO, enterprise, ISP, and government customers, promising the highest levels of productivity and reliability. At Neron Informatics, we take pride in shaping the future of unified communication for a connected and efficient world."

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