IP PoE Horn Speaker

SIP Speaker JRSP-SIP-01 is designed for outdoor environments. It allows users to remotely warn off intruders before they commit a crime, to deliver instructions during an emergency or to make general voice messages. The SIP speaker also support to play a prerecord audio file manually or automatically in response to an alarm event.

MAIN FEATURES

■ **Solid Integration:** Merges an amplifier and speakers in a sturdy aluminum alloy casing, supported by a stainless steel bracket

■ **High-Volume Audio:** Equipped with speakers that reach >115dB with POE power, ensuring clear outdoor communication

■ **Weather Resistance:** Boasting an IP65 rating, it endures harsh weather and functions in temperatures from -40 to 60℃

■ **Flexible Power Options:** Compatible with both POE and POE+ for diverse installation and deployment scenarios

■ **Remote Management:** Enables remote management and supports online upgrades for ongoing system enhancement
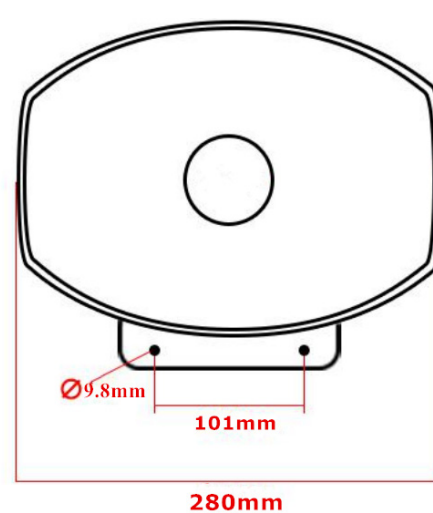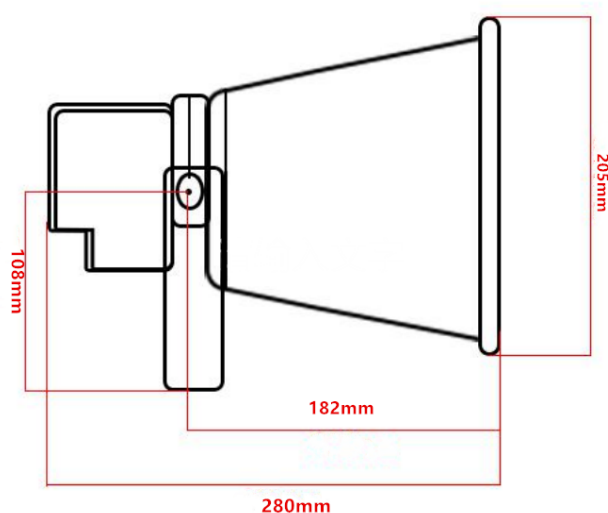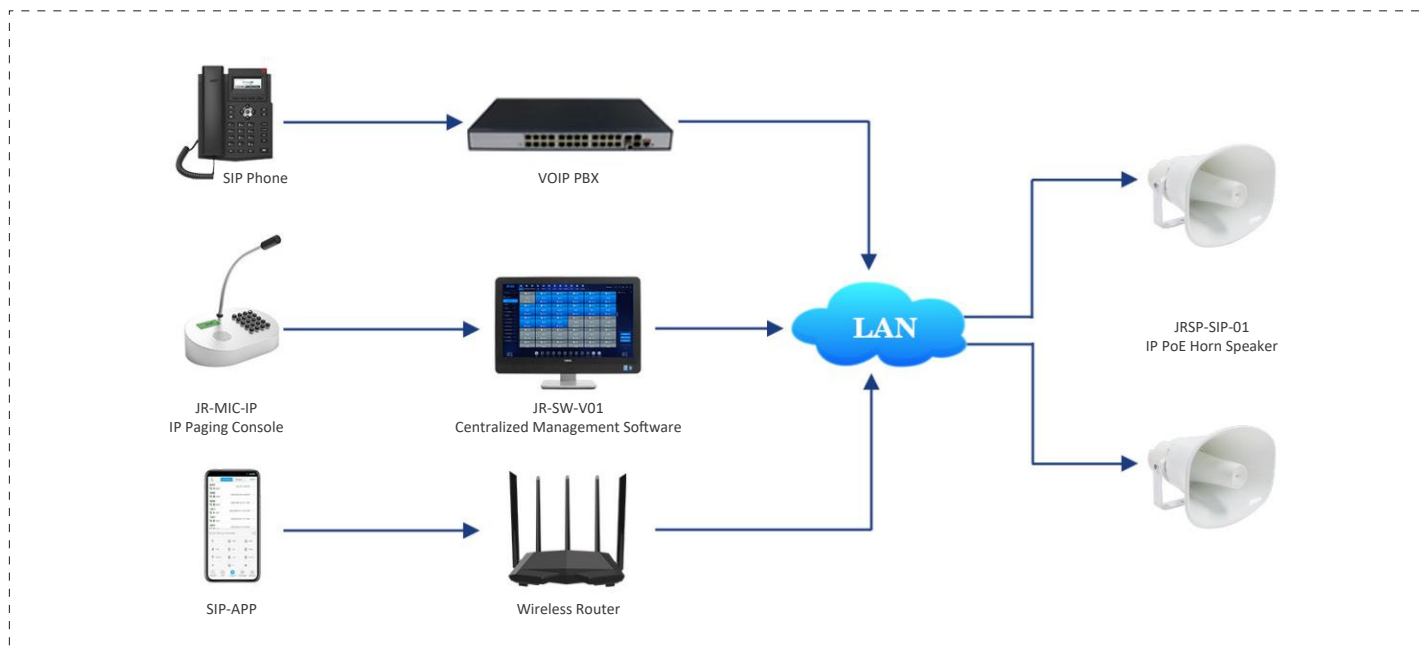
IP65 **SIP** **PoE** Max SPL: **>115DB**

TECHNICAL SPECIFICATIONS

Audio	
Audio streaming	One-way
Audio encoding	G.722, G.722.2, G.711μ/a, G.729A/B, G.723.1,OPUS
Additional Media Features	Acoustic echo cancelation (AEC) - multiple path, wideband acoustic EC, Packet Loss Concealment, Silence Suppression, Voice Activation Detection, Adaptive Jitter Buffer

Speaker	
Max sound pressure level	>115dB
Frequency response	280 Hz - 12.5 kHz
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)

Amplifier	
Amplifier description	Built-in 25w/30W Class D amplifier

Protocol Support	
VoIP and Signaling	SIP-RFC 3261, SDP-RFC 2327, SIP over TCP/UDP/TLS, DNS-SRV (Redundancy) Digest authentication, PRACK, Early Media, SIP Subscribe notify, BLF (busy lamp field)
Data Protocols	IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, RTCP-XR, 802.1x, Static IP / DHCP IP Assignment, IEEE802.1p / Q, QoS / ToS, HTTP / HTTPS / DHCP, NTP, FTP / TFTP, CDP / LLDP VLAN Configuration, LDAP
Security	802.1x, HTTPS, SIP over TLS and SRTP, Configuration file encryption
Provisioning & Management	Web Server for Configuration and Management,Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66, 67, 160, 12, 60, 77)

General Specifications	
Casing	Impact-resistant engineering plastic, IP65-rated
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at
Connectors	RJ45 10BASE-T/100BASE-TX PoE
Operating conditions	-40°C to 60°C Humidity 10-95 % RH (condensing)
Warranty	One-year warranty

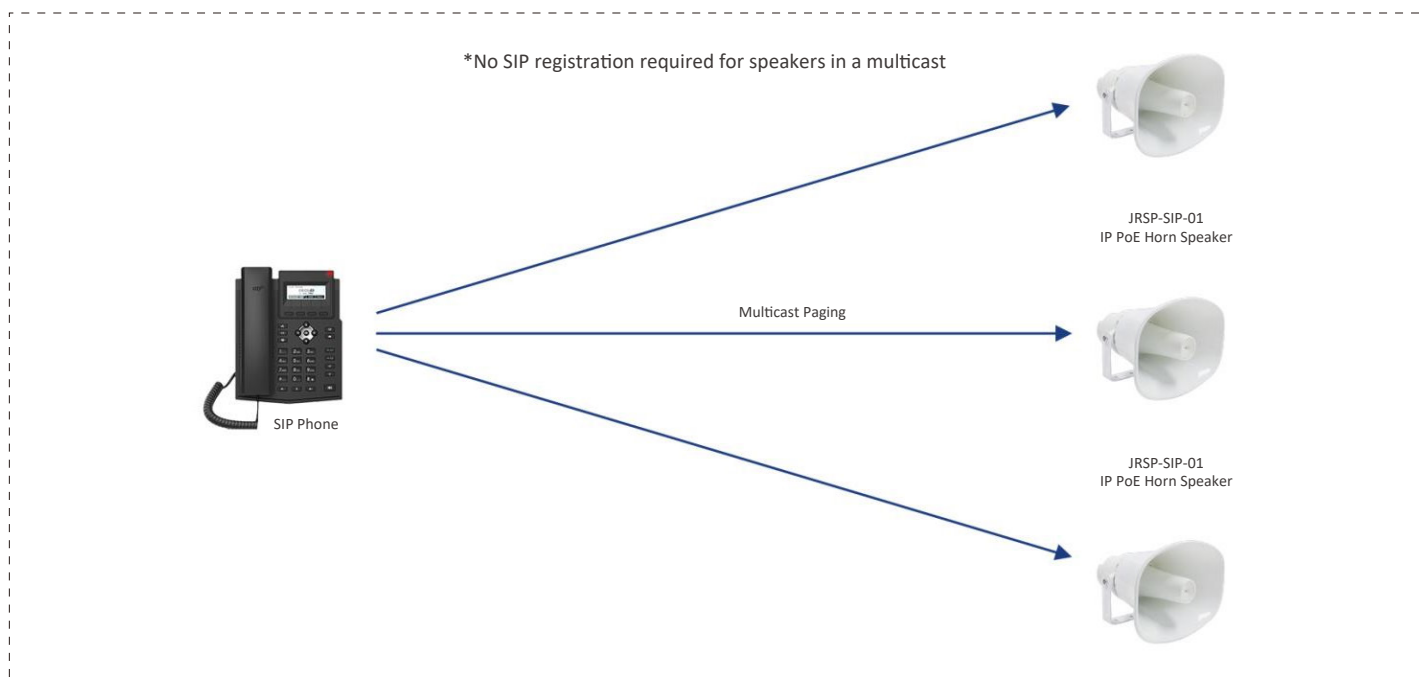| Packaging Specifications	
Product dimensions	280 × 280 × 205 mm (L × W × H)
Weight	1.8 kg
Packaging material	EPE foam lining + carton box

APPLICATIONS

1. The IP PoE Horn Speaker JRSP-SIP-01 support SIP protocol which can be independently used as a sip endpoint to integrated with mainstream VOIP system for receiving sip call from SIP phone or SIP softphone Meanwhile, it also can receive broadcast from J&R management software, IP Paging Mic and SIP-APP.

SIP Phone   VOIP PBX

JR-MIC-IP
IP Paging Console

JR-SW-V01
Centralized Management Software

SIP-APP   Wireless Router

LAN

JRSP-SIP-01
IP PoE Horn Speaker

2. The IP PoE Horn Speaker JRSP-SIP-01 support paging from SIP phone by using multicast address , the multicast address and priority can be set on its webpage.

*No SIP registration required for speakers in a multicast

SIP Phone

Multicast Paging

JRSP-SIP-01
IP PoE Horn Speaker

JRSP-SIP-01
IP PoE Horn Speaker

*Note: The product is constantly being updated and the specifications are subject to change without prior notice.
This specification is only applicable to the current version, and the final right of interpretation belongs to J&R Technology Ltd.