

XC-9615

IP POE Multicast Horn Speaker



SPON IP POE Multicast Horn Speaker XC-9615 is a SIP compliant and multicast-capable PoE+ network audio device for public address and notification, it supports common network protocols for easy integration with SIP- compatible VOIP system . It is suitable for industrial plant, prisons, parks, new rural areas and other public address areas that need simple wiring.

MAIN FUNCTIONS

1. Adopts High speed industrial grade dual core (ARM+DSP) chip .
2. Narrowband encoding: G.711a/u and broadband encoding: G.722 enables high intelligibility voice paging .
3. Equipped with 10 multicast address for receiving paging from SIP phone .
4. Equipped with Multicast scalable function , saves SIP account resources.
5. Support to play the background music, emergency paging and alarm signal from the SPON management system.
6. Support standard SIP protocol for easy integration with mainstream SIP PBX(Yeastar、Asterisk、Cisco,etc,) .
7. Support Onvif protocol for integration with the 3-rd party Monitoring System.
8. Support dynamic volume control function , adjust volume automatically according to ambient noise .
9. Support IEEE 802.3at PoE+ interface for flexible deployment .
10. Support remote management and online upgrade .



SPECIFICATION

Power Parameters

Power Supply: DC 24V/2.7A, PoE (IEEE802.3af), PoE+ (IEEE802.3at)

Standby Power Consumption: $\leq 3W$

Rated Power Output: 20W (at DC 24V/2.7A powered)、18W (at PoE+ powered)
15W (at PoE powered)

Audio Parameters

Audio Codec: G.711A-law, G.711 μ -law, G.722

Sensitivity: 88dB \pm 3dB (1W, 1m)

Maximum SPL: 97dB \pm 3dB

S/N (Signal-to-Noise) Ratio: ≥ 80 dB

Audio Sampling & Bit Rate: 8kHz~44.1kHz, 16bit, 8kbps~320kbps

Frequency Response: 100Hz~18kHz

Network Parameters

Network I/F: 10BASE-T/100BASE-TX RJ45

Network Protocol: SIP (RFC3261), FTP, HTTP, TCP/IP, UDP, ARP, ICMP, IGMP

Configuration Method: Web Interface or DevConfig Tool

Mechanical&Environment Properties

Mounting Method: Wall-mounted

Ingress Protection Grade: IP65

Installation Environment: Outdoor & Wet Environments When Properly Installed

Operating Temperature: $-20^{\circ}C \sim +50^{\circ}C$ ($-4^{\circ}F \sim 122^{\circ}F$)

Storage Temperature: $-30^{\circ}C \sim +60^{\circ}C$ ($-22^{\circ}F \sim 140^{\circ}F$)

Operating Humidity: 10%~90% RH non-condensing

Body Material: ABS Composite Plastic

Housing Material: Surface-Treated Steel Plate

Color: Off-White

Product Dimensions: 283.1x269x224.3mm

Product Weight: 2.0KG

Packaging: Carton Box

Packed Dimensions: 300x300x220mm

Packed Weight: 2.5KG

Product Warranty: 2 Years Limited

Accessories

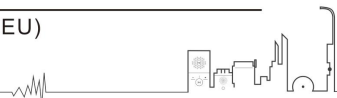
Standard Accessories: 1x2-Pin Pluggable Terminal Block Connector (3.81mm Pitch,

AWG 26-16)、1xWaterproof Joint、1xQuick Installation Guide、1xQuality

Certificate、1xWarranty Card

Compliance

CE (EMC Directive 2014/30/EU)、CE (LVD Directive 2014/35/EU)

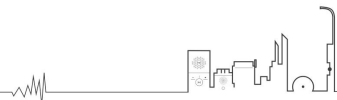
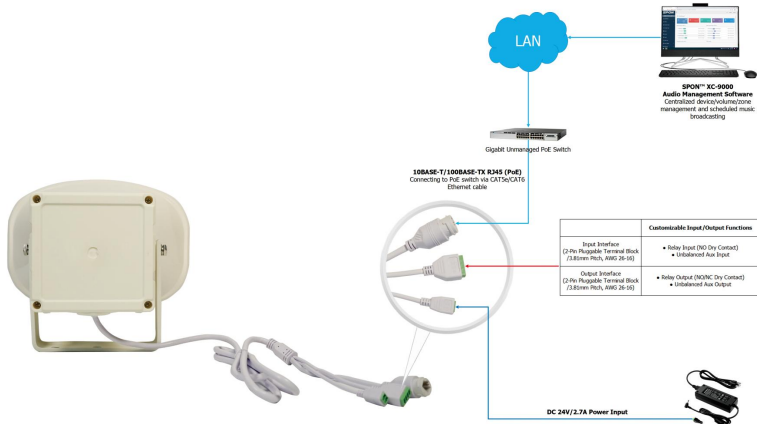


INTERFACE DESCRIPTION



- ① Network Port: To connect with Ethernet switch.
- ② Reserved Port: Can be customized as Relay I/O.
- ③ Power Port: To connect with power supply.

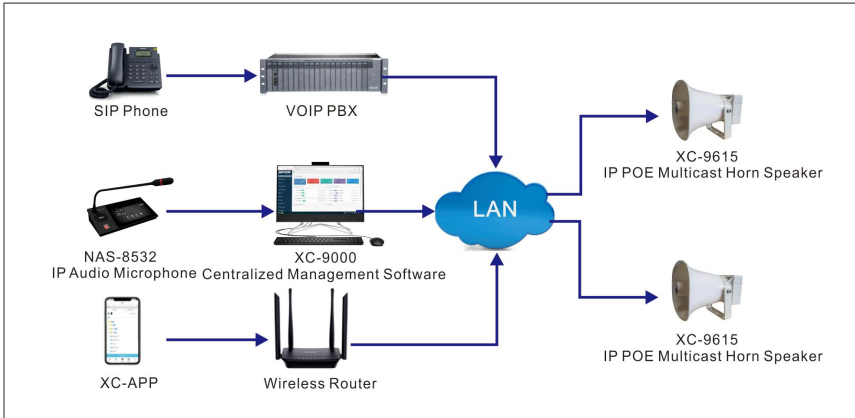
CONNECTION DIAGRAM



APPLICATION

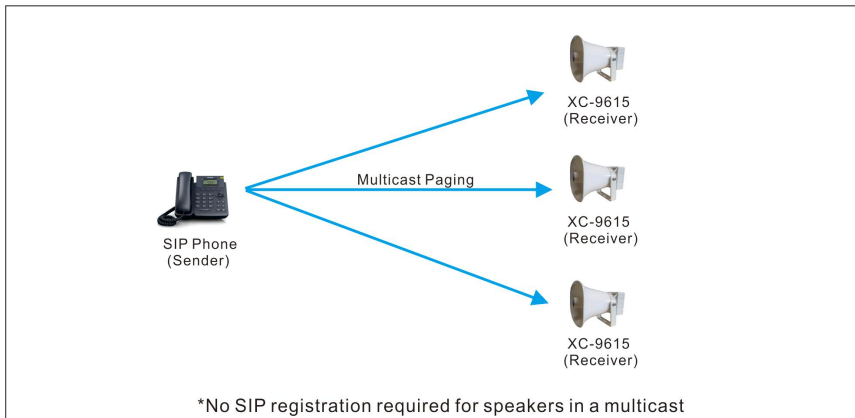
Application 1

The IP POE Multicast Horn Speaker XC-9615 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 SPON management software 、 IP Paging Mic and XC-APP .



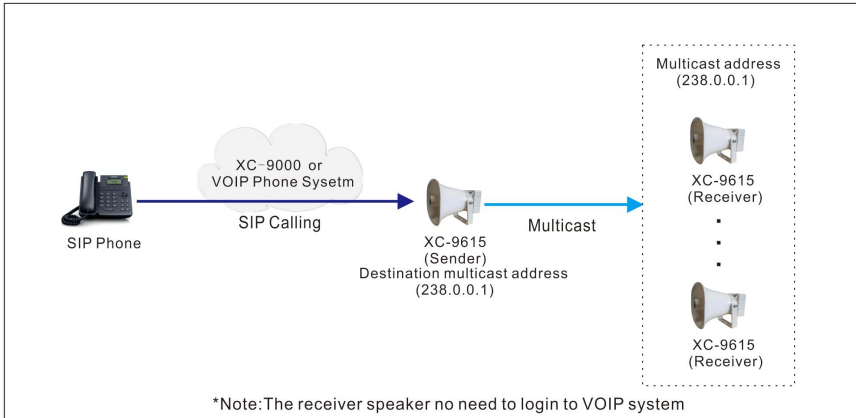
Application 2

The IP POE Multicast Horn Speaker XC-9615 support paging from SIP phone by using multicast address , the multicast address and priority can be set on its webpage .



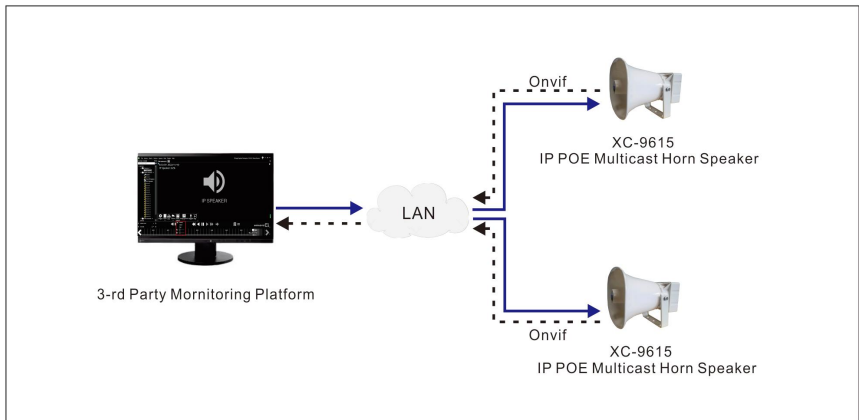
Application 3

The IP POE Multicast Horn Speaker XC-9615 support "Multicast scalable" function ,when SIP phone initiate call to one horn speaker which registered to VOIP system, the other speakers with same multicast address will simultaneously receive the sip calling from the SIP phone.

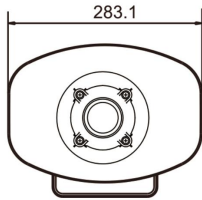


Application 4

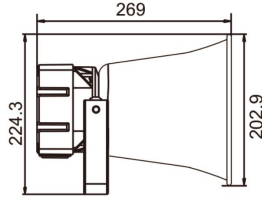
The IP POE Multicast Horn Speaker XC-9615 support Onvif protocol which can be registered to the 3-rd party monitoring system ,and during emergency situation ,the operator can directly make a live announcement to the speaker on the monitoring platform .Due to the built-in mic , it can be live monitored by the monitoring platform.



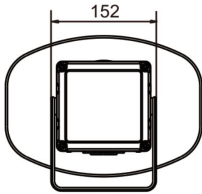
INSTALLATION



Front

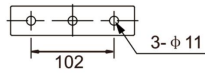


Side

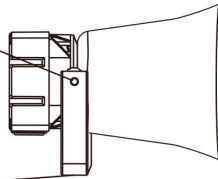


Back

Size of mounting bracket:



Adjust the appropriate projection angle, then tighten the bolt.



According to the size of the mounting hole, choose the appropriate expansion bolt to fix the bracket in the right place.

