

Waterproof horn with SIP communication



Main features

- Individual volume control for speaker and microphone
- Internal microphone
- Integration with SIP 2.0 Platforms
- 20W power
- Waterproof Protection
- P - Power over Ethernet (PoE 802.3af)*

* Optional items incur additional costs.

Applications

- Solution for outdoor environments where there is a need to alert everyone present
- Communicator for gates
- Emergency Flag

Overview

Horn Speaker SIP is a long-range communicator horn made of resistant materials for outdoor operation.

The product is completely dustproof and protected against water jets (waterproof).

It has an excellent cost-benefit ratio and provides technology for communication, access control and automation solutions. It attributes audio quality in communication and its alerts are understood over long distances.

Horn Speaker SIP has a user-friendly web interface that allows system configuration, registration on SIP platforms and point-to-point calls.

The product uses the VoIP telephony network for connection and communication.

Technical specifications

Hardware

- Rated power: 20 W
- Nominal Impedance: 8 Ohms
- Frequency range: 400 Hz to 5 kHz
- SPL (sound pressure level at 1 W/m): 103 dB
- Maximum SPL: 116 dB
- Degree of protection: waterproof
- Material: ABS (lightweight and flexible thermoplastic)
- Gray color
- Dimensions: 160x250x450 mm
- Carbon steel clamping table
- Power supply (source not included): 12 VDC, 1 A
- One RJ45 Ethernet 10/100 Mbps port
- Approximate weight: 3 Kg (without transport packaging)
- Internal microphone

Supported Codecs

- Audio: G.711 A-law e μ -law
- Audio: G.722

Optional items*

- Power supply
- Power over Ethernet (PoE 802.3af)

* Optional items incur additional costs.

Features and Connections

- Web interface for equipment settings
- Supported VoIP protocols: SIP and RTP
- Playback of pre-recorded audio (.raw format)
- Playback of an audio as a preamble
- Restful HTTP API
- Individual control for microphone and speaker volume
- Communication through Multicast RTP groups
- Restoring settings via jumper
- Automatic provisioning via TFTP

Physical/Environmental

- Operating temperature: -20 °C to 70 °C
- Storage temperature: -45 °C to 80 °C
- Operating humidity: 5% to 95%
- Atmospheric pressure: 70–106 kPa
- Degree of protection against infiltration: waterproof

Warranties and Certifications

- Full warranty (legal + Khomp warranty):
 - 1 year
 - Legal guarantee: 90 days
 - Khomp Warranty: 9 months
- ISO 9001 certified industry

Product Images



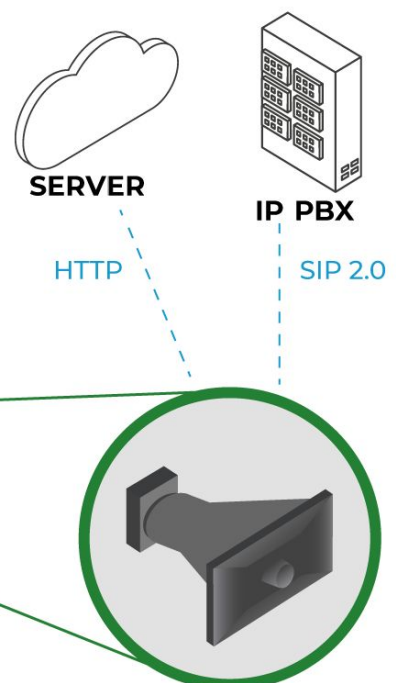
Caption: Horn Speaker SIP back view.



Caption: *Horn Speaker SIP front view.*

Application Models

SIP Horn



The device acts as a **communicator and gatekeeper** for the warehouse

SIP Horn

