

SIP Horn Loudspeaker

RXW-HS30P

PRODUCT OVERVIEW

The **RXW-HS30P** is a long throw SIP horn loudspeaker designed for excellent speech reproduction. It is ideal for outdoor and severe indoor applications. The housing is rugged, and it is water and dust protected.

The RXW-HS30P features a build-in class D amplifier and Digital Signal Processing (DSP) to optimize the speech intelligibility in the environment where it is necessary.

It features an integrated microphone used for two-way audio communication, ambient noise level trigger and automatic volume control.



PRODUCT HIGHLIGHTS

Performance & Encoding:

- Utilizes a high-speed, industrial-grade dual-core (ARM+DSP) chip for efficient processing.
- Features both narrowband (G.711a/u) and broadband (G.722) encoding for intelligible voice paging.

Connectivity & System Integration:

- Equipped with 10 multicast addresses for receiving paging from SIP phones.
- Multicast scalable function to conserve SIP account resources.
- Standard SIP protocol support for easy integration with mainstream SIP PBX systems.
- Onvif protocol compatibility for integration with third-party monitoring systems.

Audio Management & Network Functionality:

- Plays background music, emergency pages, and alarm signals from the Roxwell management system.
- Dynamic volume control that automatically adjusts to ambient noise.
- Support PoE or PoE+ for flexible installation options.
- Remote management and online upgrading capabilities for enhanced functionality.
- Two-way communication with SIP telephones or intercom devices for interactive connectivity.

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Description

Model No.	RXW-HS30P
Frequency Response	380Hz-12KHz
Sensitivity	116±3dB
Rated Power	30W
Interface	RJ45
Power Supply	PoE / PoE+
Product Size (mm)*	285x250x125



SPECIFICATION

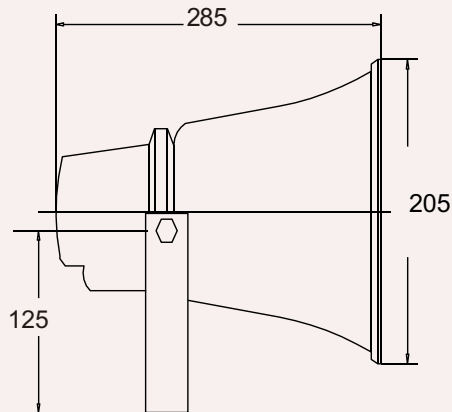
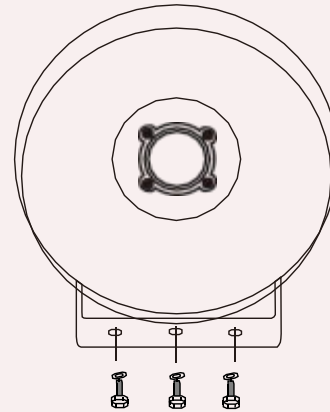
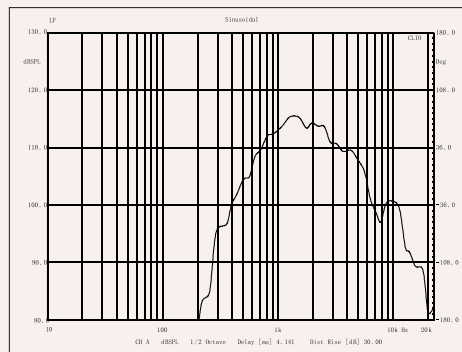
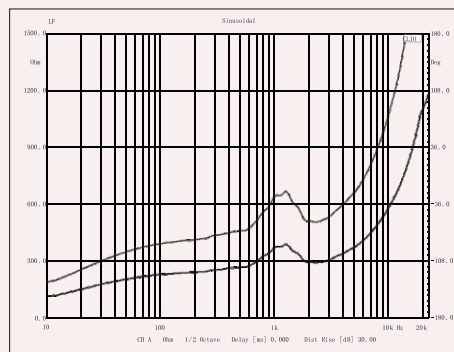
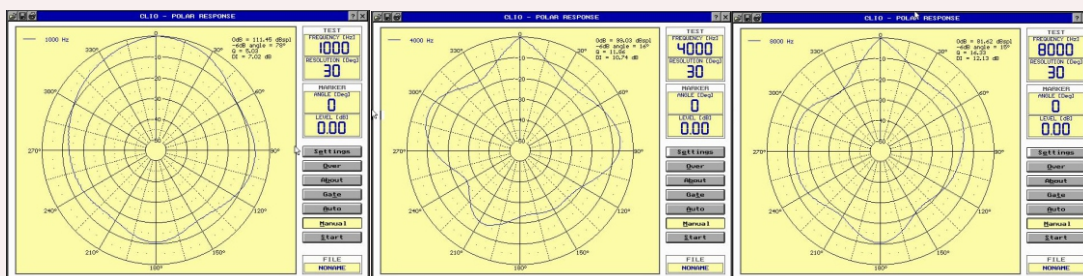
Microphone	Built in Microphone (Optional)
Material	ABS Plastic
Internal speaker amplifier	30W Class-D Amplifier
Max. sound pressure level at 1 meter	116 dB
Signal-to-Noise Ratio (SNR)	≤90 db
Codecs	G.722, G.722.2, G.711/a, G.729A/B, G.723.1, OPUS
Mounting	Metal Bracket & (Stainless Steel material Optional)
Material / Colour	ASA (plastic) Colour RAL White*
IP Rating	IP66
Ethernet connector	1 x RJ 45
Power options	PoE, IEEE 802.3 af /at standard / 12v DC
Protocols	IPv4 (with DiffServ), SIP / VoIP , TCP, UDP, Unicast, Multicast, HTTPS, TFTP, RTP, ONVIF,DHCP, SNMPv2c, NTP
LAN protocols	Power over Ethernet (IEEE 802.3 af / at) Network Access Control (IEEE 802.1x)
Management and operation	HTTP/HTTPS (Web configuration) DHCP and static IP, Remote automatic software upgrade.Centralized monitoring
Power consumption	Idle 1W, max 20W (depending on volume)
Storage temperature range	-40° to 65°C
Operating temperature range	-20° to 55°C
Net Weight	2Kg*
Relative humidity	< 95% not condensing
Certifications	CE, FCC, ROHS

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DIMENSION



Version 1.1

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification on without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.