

SIP Loudspeaker Amplifier (PoE)

CyberData

The IP Endpoint Company

The SIP Loudspeaker Amplifier is a Power-over-Ethernet (802.3at) Voice-Over-Internet-Protocol (VoIP) paging device and loud ringer for use in places that need loud paging. It provides an easy method for implementing an IP-based overhead paging system for your existing or new VoIP Phone system.

The SIP Loudspeaker Amplifier can have one or two 011471 IP66 Analog Horns attached. See more details in the Operations Guide or under the **Installation** tab of the product webpage.

CyberData has maintained one of the most comprehensive list of IP PBX servers certified to work with CyberData VoIP Products.

Features

- Support for security code access for SIP paging
- Autoprovisioning via HTTPS
- HTTPS web based configuration
- 802.11q VLAN tagging
- Configurable event generation for device health and status monitoring
- 9 user-uploadable page messages
- Line-in for background music
- Line-out connector
- DTMF-controlled relay
- Digital and manual volume control
- Loud ringer - second SIP extension
- 10 channel prioritized Multicast ports

Additional product information may be found on the **Features** tab of the website.

Related Products:



011471 IP66 Analog Horn



011288 Auxiliary
RGB (Multi-Color) Strobe Kit



011124 PoE Power
Injector 802.3at



011146 SIP Paging Server
with Bell Scheduler



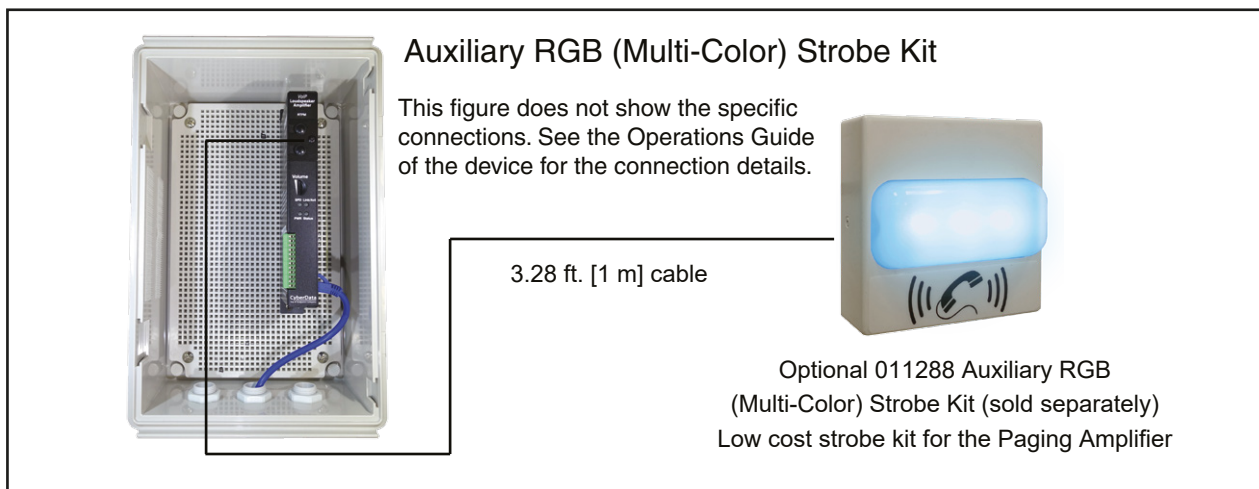
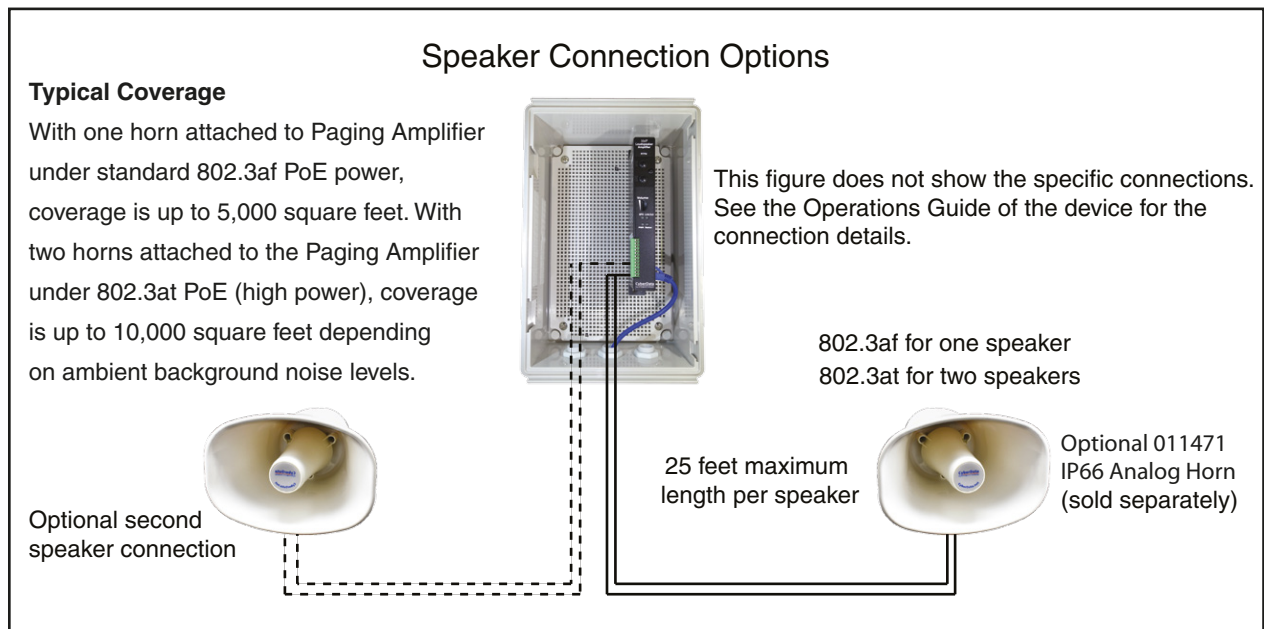
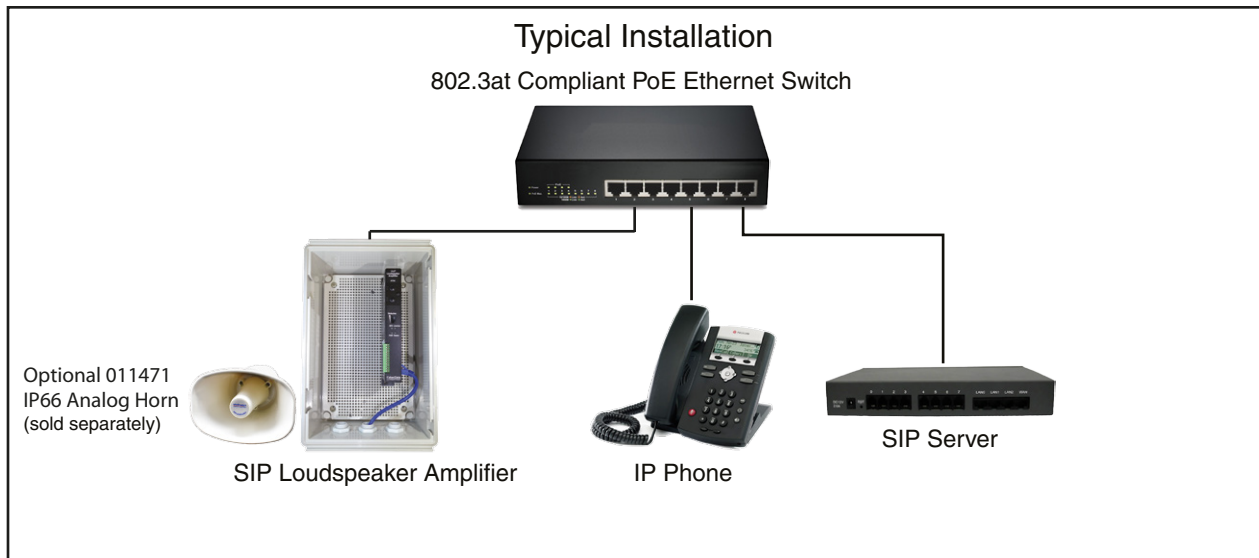
Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3at or 802.3af
Audio Output	802.3at: 117.9 (+/- 0.2) dBC @ 1M and 1kHz* 802.3af: 115.1 (+/- 0.2) dBC @ 1M and 1kHz*
Line In:	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
Line Out:	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm
On-Board Relay	1A @ 30 VDC
Payload Types	G.711 a-law, G.711μ-law, G.722, and G.729
Enclosure	UL 94-HB flame resistant, IK 08 Impact-rated, IP66 enclosure
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions**	10 in. [254 mm] Length 4 in. [101.6 mm] Width 14 in. [355.6 mm] Height
Weight	3.6 lbs. [1.63 kg]
Boxed Weight	4.6 lbs. [2.1 kg]
Compliance	CE; EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 60950-1, RoHS Compliant, FCC; Part 15 Class A, Industry Canada; ICES-3 Class A, IEEE 802.3 Compliant
Warranty	2 Years Limited
Part Number	011405

*When used with the optional 011471 IP66 Analog Horn (sold separately).

**Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

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Upload an Audio Message

User can upload an audio message to the device.

When the "Sense-In" is activated, the stored audio file will play out the local speaker and repeat until the condition is cleared.

The device can also call a pre-set phone number and when that phone answers, the stored audio message will also be played to the phone.



IP Phone

This figure does not show the specific connections. See the Operations Guide of the device for the connection details.

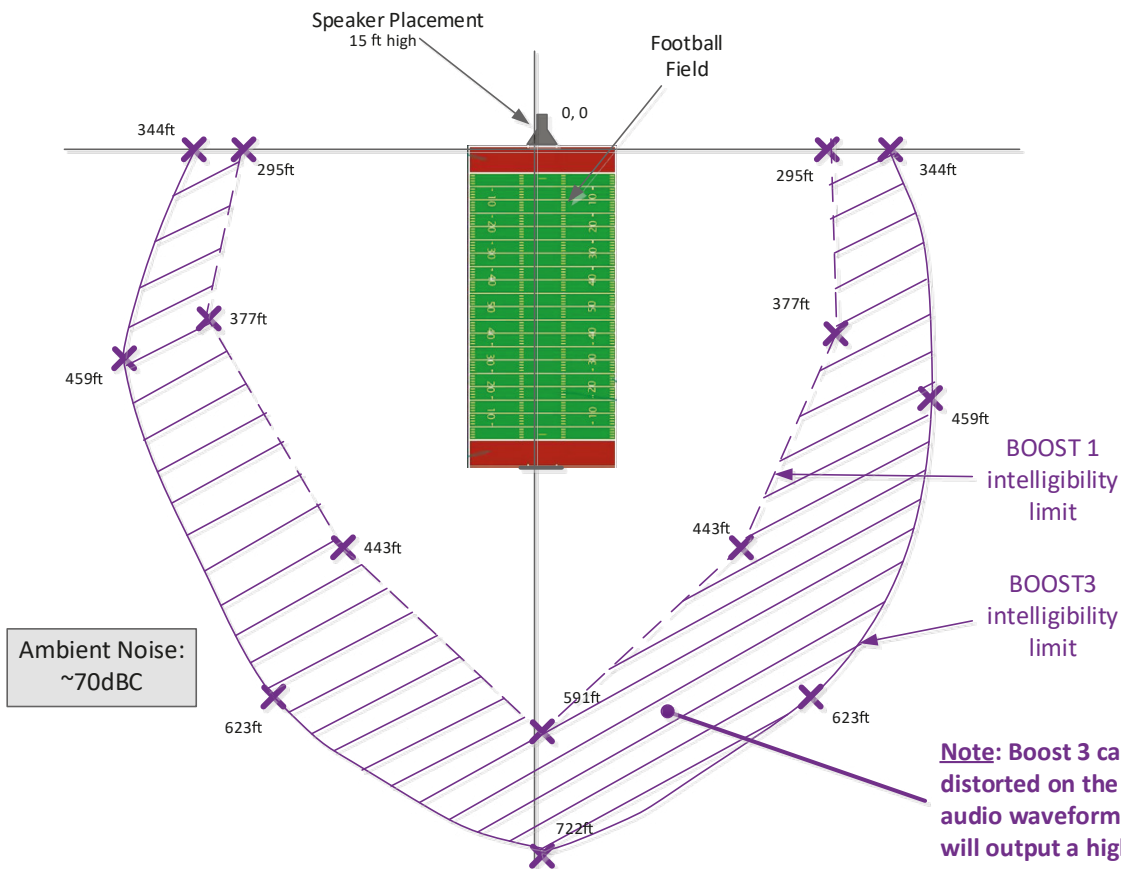


Window Reed Switch

(Not a CyberData device. Sold separately)

Window Reed switch is connected to the "Sense-In" connection.

Intelligibility Outdoor Field Test



Ambient Noise:
~70dBC

Note: Boost 3 can be slightly distorted on the high end of the audio waveform, but this boost will output a higher dB level and is still intelligible in our testing.