

# SIP Loudspeaker Amplifier (PoE)

**CyberData**

The IP Endpoint Company

The new CyberData SIP-enabled Loudspeaker Amplifier (PoE) provides an easy method for implementing a loud IP-based overhead paging system for loud areas, warehouses, manufacturing areas, and outdoor areas.

Now with up to 9 user-stored messages, the Amplifier provides direct drive of up to two 8 Ohm horns.

The interface is compatible with most SIP-based IP PBX servers that comply with the SIP RFC 3261. For non-SIP environments, the Loudspeaker Amplifier can be configured to listen to multicast address and port number combinations to form paging zones.

## New Features

- SIP Enhanced interoperability for hosted environments
  - CyberData has maintained one of the most comprehensive list of IP PBX servers certified to work with CyberData
- NEW SECURITY FEATURES:
  - Support for security code access for SIP paging
  - Autoprovisioning via HTTPS
  - HTTPS web based configuration
- Support for G.722 codecs
- 802.11q VLAN tagging
- Configurable sense input for use with fault detection
- Configurable event generation for device health and status monitoring
- Optional direct connect RGB strobe kit connection (coming soon)
- 9 user-uploadable page messages

## Features

- Packaged in a NEMA 3R/IP42-rated enclosure
- SIP and Simultaneous Multicast
- Dual-speed ethernet 10/100 Mbps
- Web-based configuration
- PoE 802.3at and 802.3af-enabled
- Line-in for background music
- Line-out connector
- DTMF controlled relay
- Direct 8 Ohm speaker drive
- User-uploadable tones and messages
- Digital and manual volume control
- Second SIP endpoint "Night Ringer"
- Autoprovisioning
- Auto-call voice message from input port sense
- Can support two horns
- HTTP Command Interface
- 10 channel prioritized Multicast ports
- Built-in diagnostics
- Delayed page support
- Cisco SRST



Mini Horn Loudspeaker (part #011068) must be purchased separately.

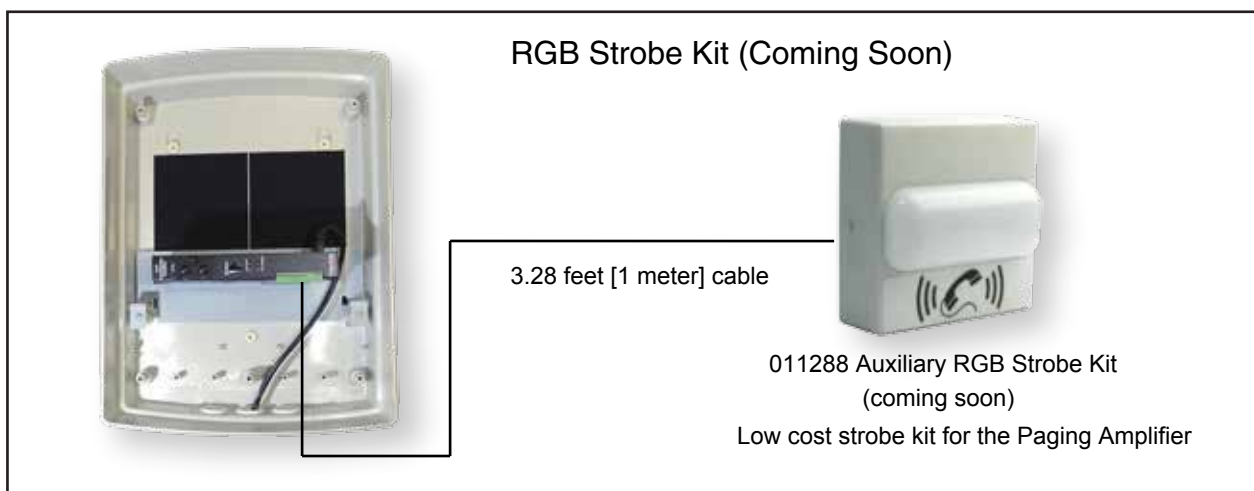
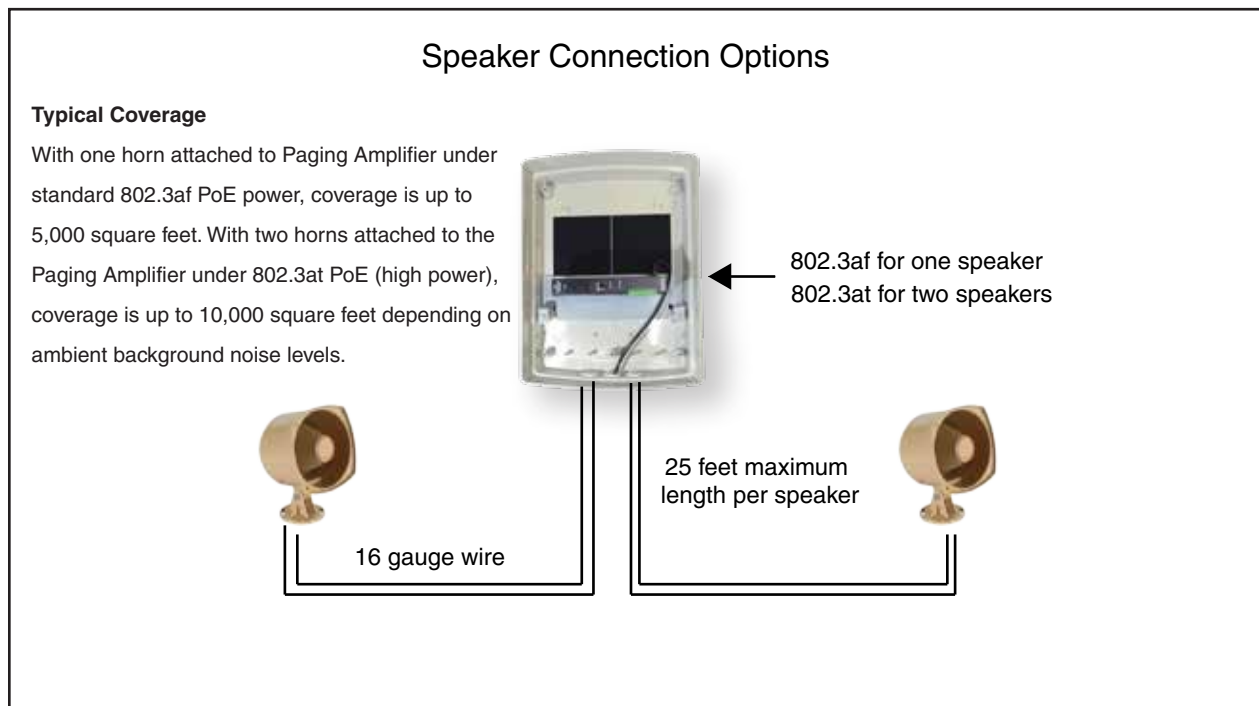
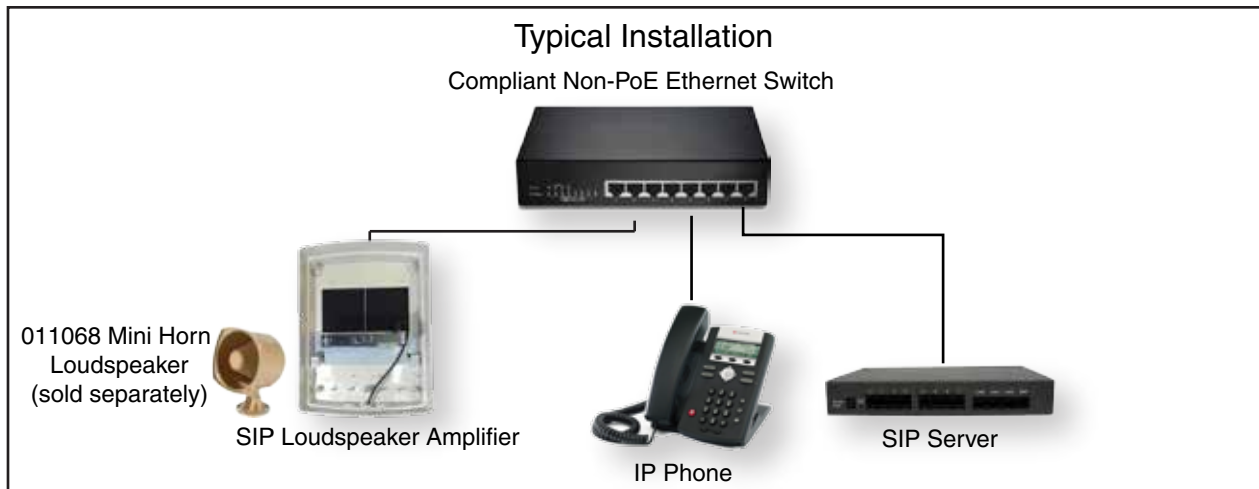
## Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3at or 802.3af
Audio Output	802.3af - SPL 114 dB @ 1 meter* 802.3at - SPL 117 dB @ 1 meter*
<b>Line In:</b>	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
<b>Line Out:</b>	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm
Operating Temperature	-10° C to 50° C (14° F to 122° F)
Payload Types	G.711 a-law, G.711 $\mu$ -law , and G.722
Dimensions**	10 in. [254 mm] Length 4 in. [101.6 mm] Width 14 in. [355.6 mm] Height
Boxed Weight	6.5 lbs. [2.95 kg]
Warranty	2 Years Limited
Part Number	011405
Mini Horn Loudspeaker	011068

\*When used with the 011068 Mini Horn.

\*\*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



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

Window Reed Switch  
(Not a CyberData device. Sold separately)

### Connections

#### CLASS II WIRING

Primary/Left Spkr (+)	- 12
Primary/Left Spkr (-)	- 11
2nd/Right Spkr (+)	- 10
2nd/Right Spkr (-)	- 9
Line-Out (+)	- 8
Line-Out (-)	- 7
Line-In (-)	- 6
Line-In (+)	- 5
Relay COM	- 4
Relay NO/NC	- 3
Door Sense/Button Common (GND)	- 2
Door Sense/Button Contact (+)	- 1