

SIP Paging Amplifier

The new CyberData SIP-enabled Paging Amplifier provides an easy method for implementing an IP-based overhead paging system for both new and legacy installations.

Now with up to 9 user-stored messages and 25 watts of driving power (802.3at), the Amplifier provides direct drive of up two 8 Ohm horn speakers.

The interface is compatible with most SIP-based IP PBX servers that comply with the SIP RFC 3261. For non-SIP environments, the Paging 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 or lighted button kit
- Configurable event generation for device health and status monitoring
- Optional direct connect RGB strobe kit connection (coming soon)
- 9 user-uploadable page messages

Features

- 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



Loudspeaker (part #011068) must be purchased separately.

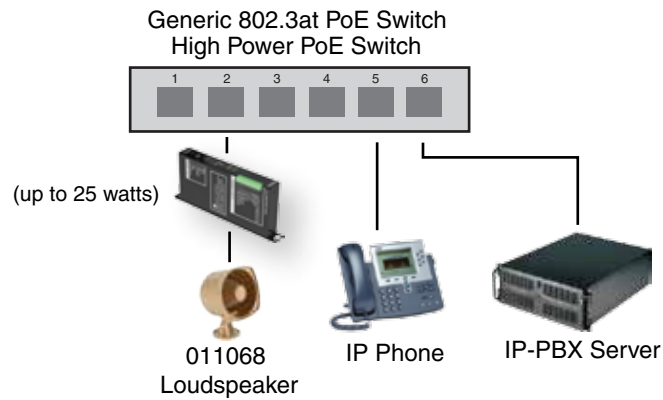
Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Power Input	PoE 802.3at or 802.3af
Output	802.3af - up to 8 watts 802.3at - up to 25 watts
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
Operating Temperature	-10° C to 50° C (14° F to 122° F)
Payload Types	G.711 a-law, G.711 μ-law , and G.722
Dimensions*	1.042 in. [26.5 mm] Length 3.295 in. [83.7 mm] Width 7.795 in. [198.0 mm] Height
Weight	1.4 lbs. [0.63 kg]
Boxed Weight	2.0 lbs. [0.90 kg]
Warranty	2 Years Limited
Part Number	011324
Loudspeaker Part Number	011068

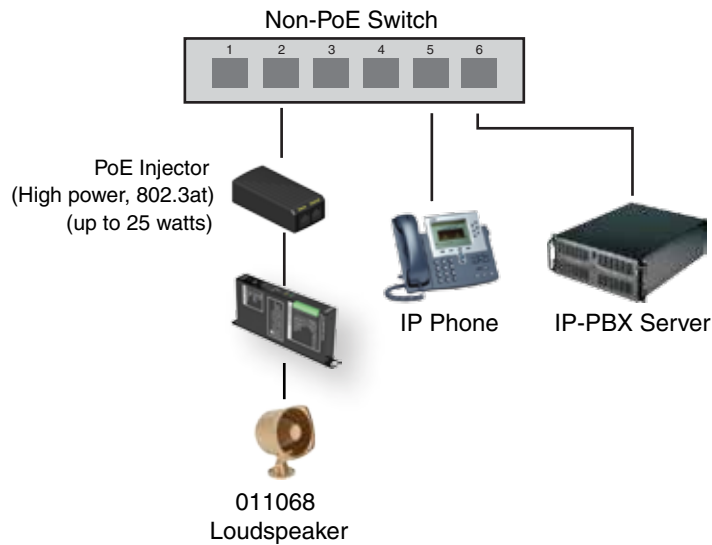
*Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

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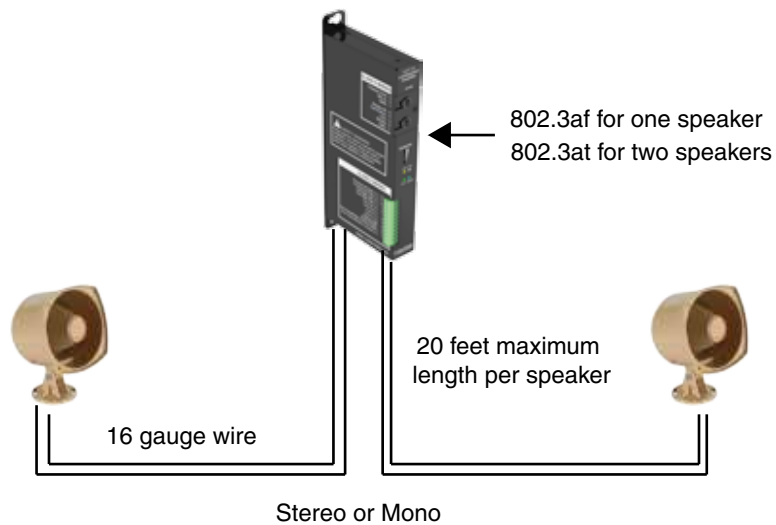
Typical Installation - PoE 802.3at



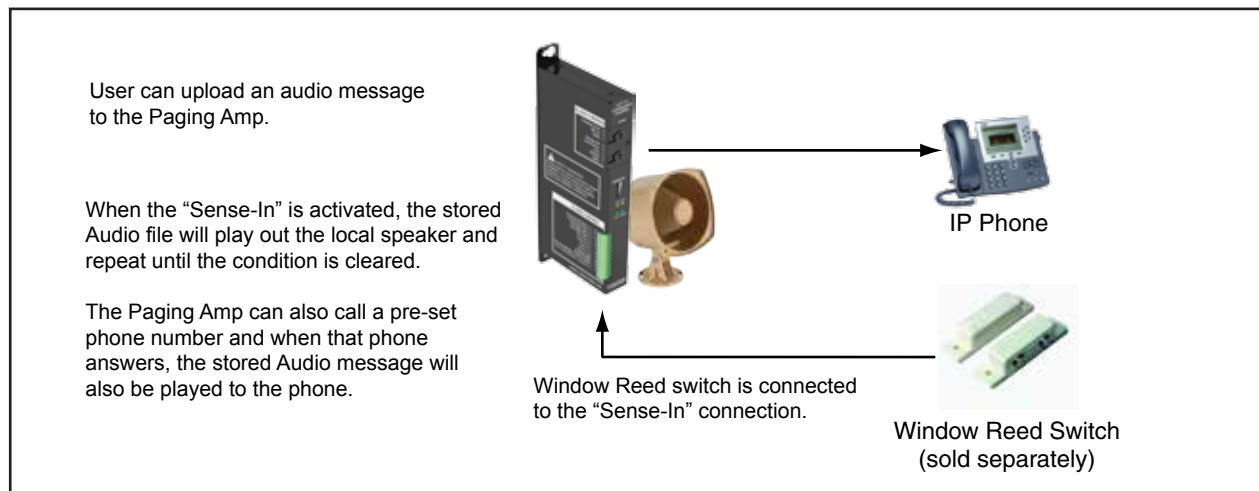
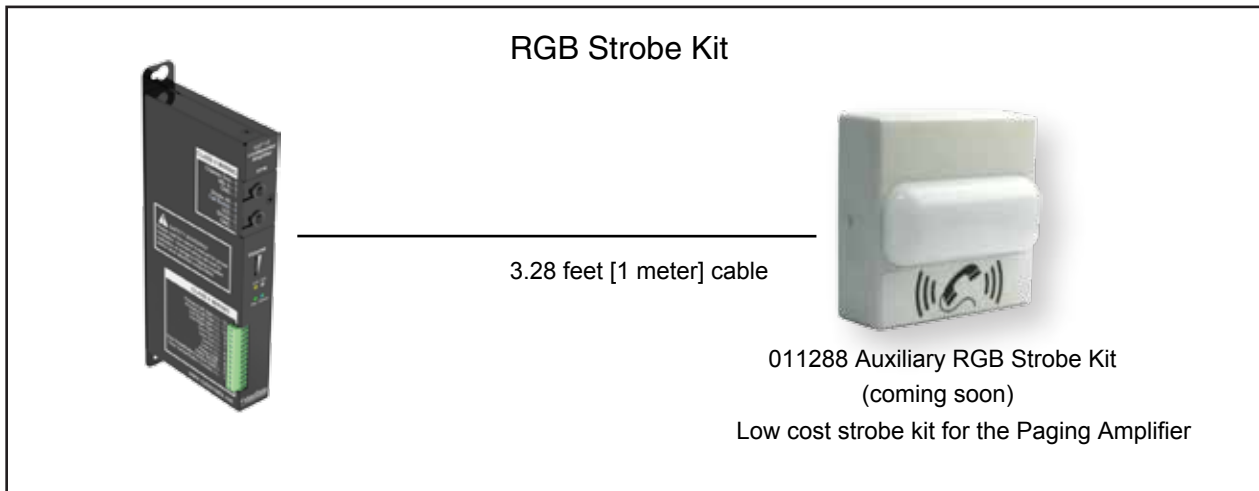
Typical Installation - High Power PoE Injector



Speaker Connection Options



SIP Paging Amplifier



SIP Paging Amplifier 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