

The Syn-Apps enabled Loudspeaker Amplifier is a Power over Ethernet (802.3at) 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 Syn-Apps enabled Loudspeaker Amplifier can have one or two IP66 Analog Horns (011471) attached. See more details in the Operations Guide or under the **Installation** tab of the product webpage.

The loudspeaker enclosure is made of a UL compliant, flame resistant, impact-rated, IP66 enclosure for harsh environments.



The optional 011471 IP66 Analog Horn is sold separately.

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
- Support for security code access for SIP paging
- Autoprovisioning via HTTPS
- HTTPS web based configuration
- Support for G.711 a-law, G.711u-law, G.722, and G.729 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
- 9 user-uploadable page messages
- Receives pages directly from Polycom phones
- Packaged in a UL 94-HB flame resistant, IK 08 Impact-rated, IP66 enclosure
- SIP and Simultaneous Multicast
- Dual-speed ethernet 10/100 Mbps
- 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"
- Auto-call voice message from input port sense
- Can support one or two Analog Horns (#011471 IP66 Analog Horn sold separately)
- HTTP Command Interface
- 10 channel prioritized Multicast ports
- Built-in diagnostics
- Delayed page support
- Cisco SRST

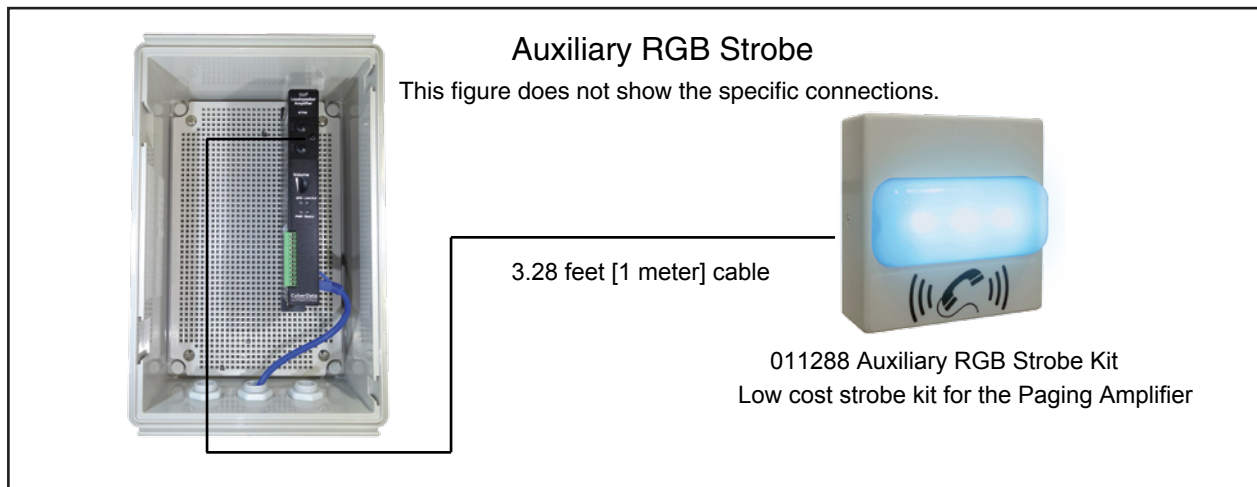
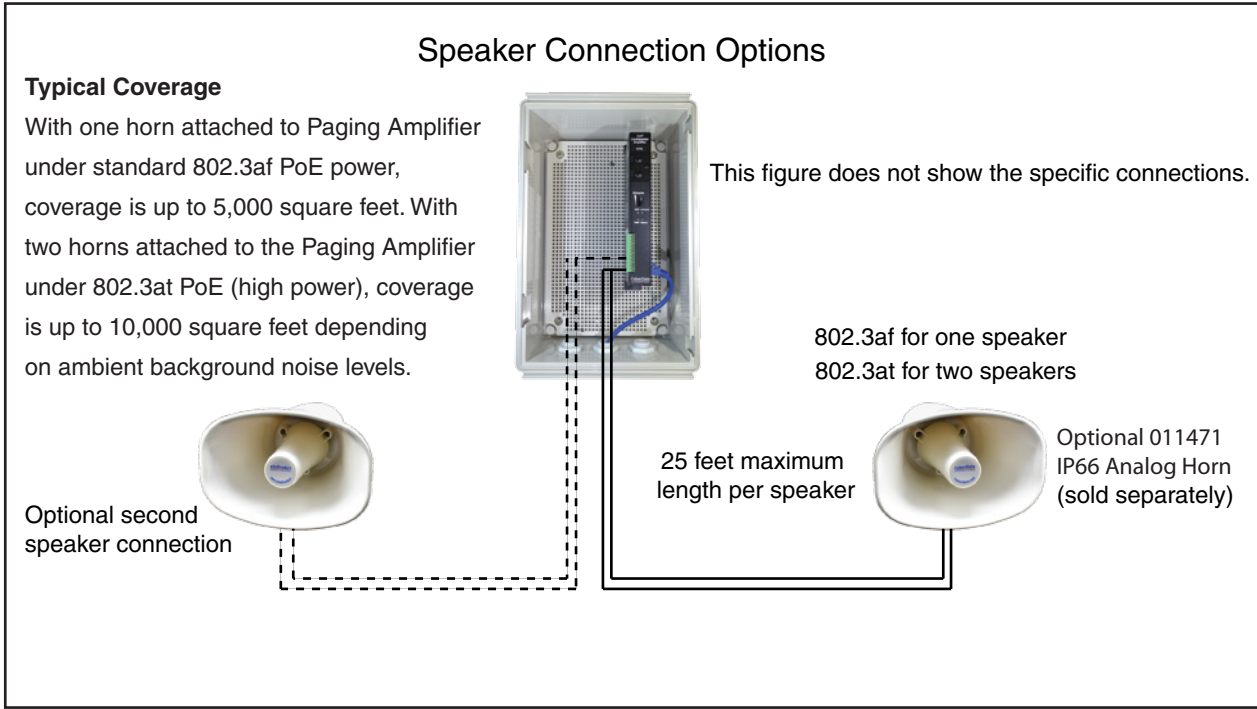
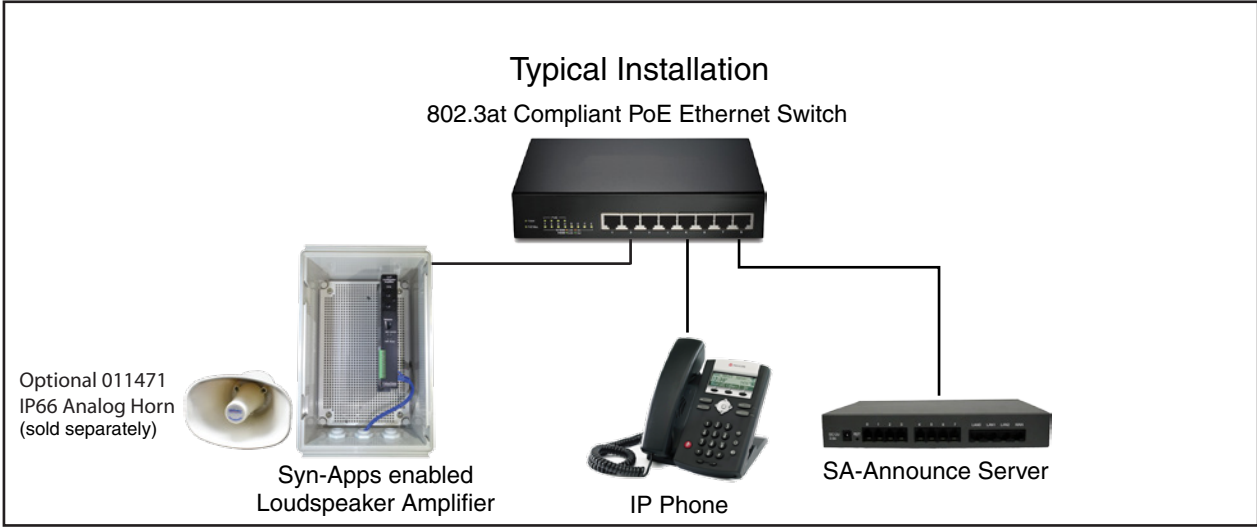
Specifications

Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible or Syn-Apps SA-Announce
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
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Enclosure	UL 94-HB flame resistant, IK 08 Impact-rated, IP66 enclosure
Storage Temperature	Temperature: -40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
IP Rating	IP66
Payload Types	G.711 a-law, G.711u-law, G.722, and G.729 codecs
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]
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	011413
Horn Part Number	011471

*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.

Syn-Apps enabled Loudspeaker Amplifier (PoE)



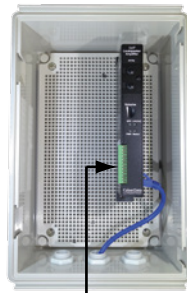
Syn-Apps enabled Loudspeaker Amplifier (PoE)

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.



Window Reed Switch

(Not a CyberData device. Sold separately)

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

Intelligibility Outdoor Field Test

