Syn-Apps enabled Paging Amplifier

The Syn-Apps enabled Paging Amplifier is for use with the Syn-Apps SA-Announce notification system. SA-Announce provides text and audio-based paging and mass notification services in real-time or scheduled intervals.

Loudspeaker (part #011068) must be purchased separately.

Features

- Dual-speed ethernet 10/100 Mbps
- Web-based configuration
- PoE 802.3at and 802.3af-enabled
- Line-in for background music
- Line-out connector
- Direct 8 Ohm speaker drive
- Digital and manual volume control
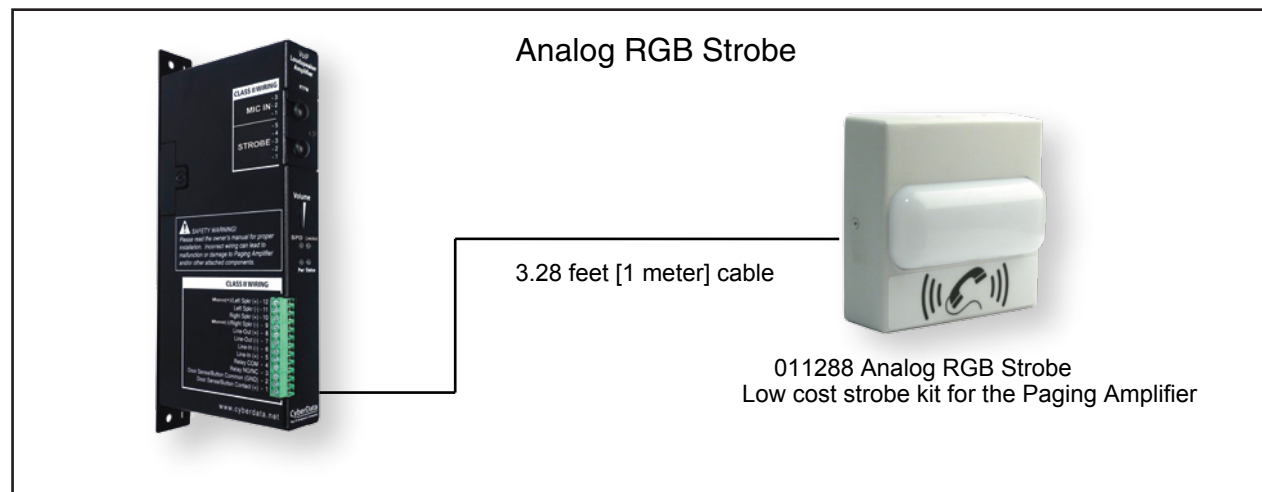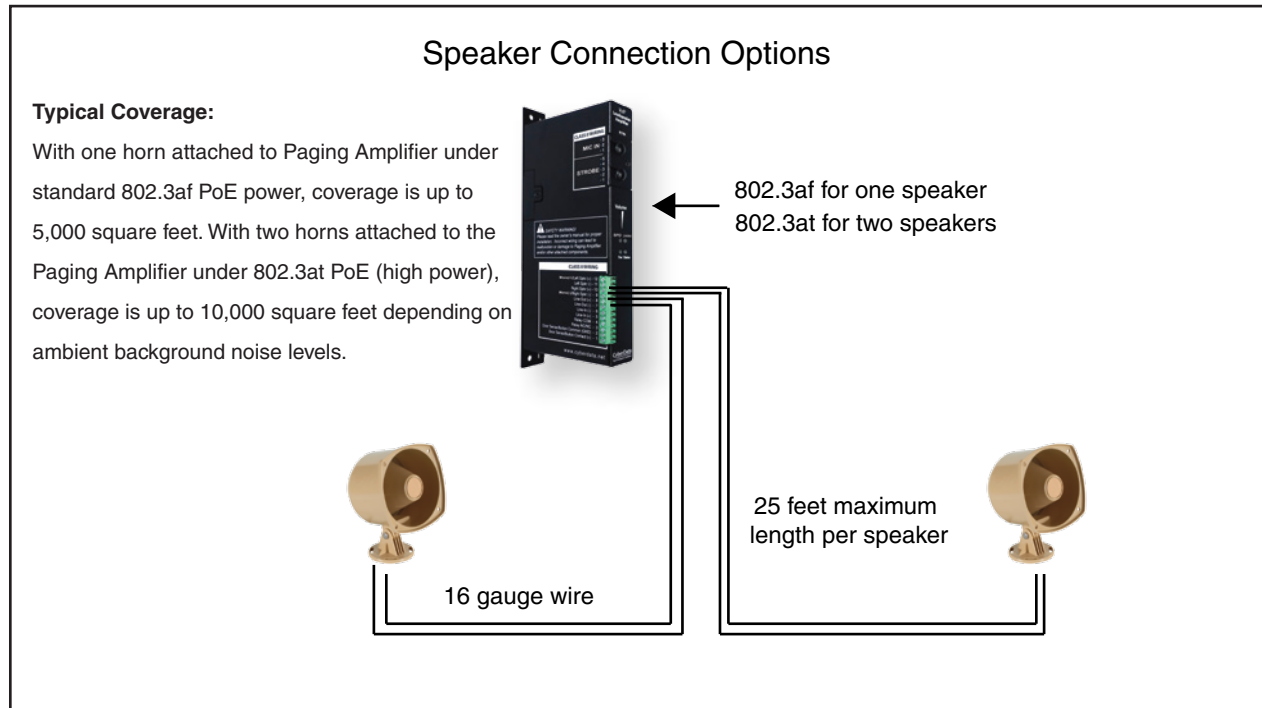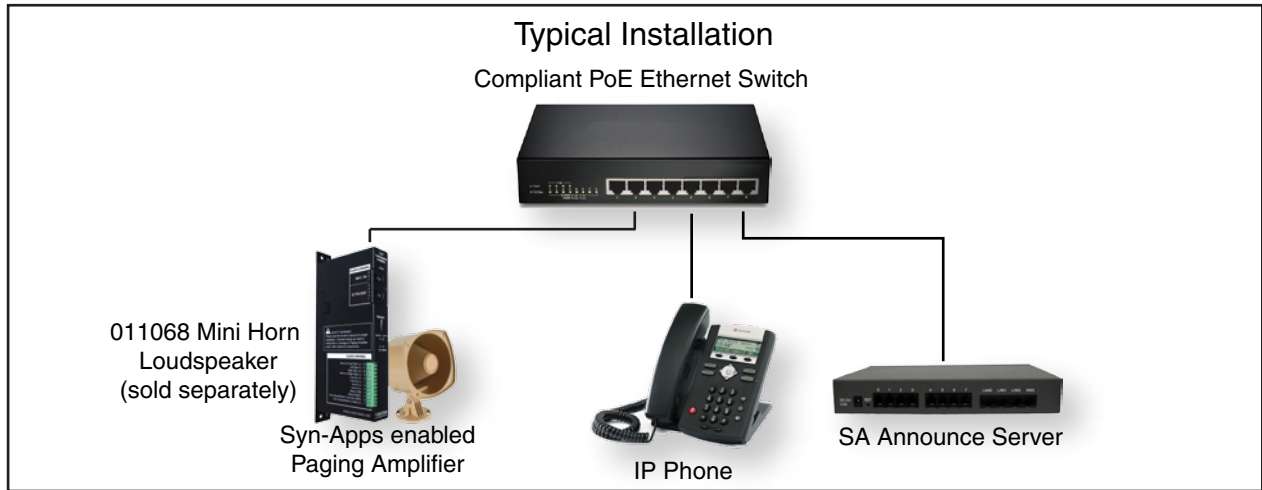- Can support two horns
- Built-in diagnostics

Specifications

Ethernet I/F	10/100 Mbps
Protocol	Syn-Apps SA announce
Power Input	PoE 802.3at or 802.3af
Audio Output	802.3af - SPL 114 dB @ 1 meter* 802.3at - SPL 117 dB @ 1 meter*
Line In: Input Signal Amplitudes Input Impedance	 2.0 VPP maximum 10k Ohm
Line Out: Output Signal Amplitudes Output Level Total Harmonic Distortion Output Impedance	 2.0 VPP maximum +2dBm nominal 0.5% maximum 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 Boxed Weight	1.4 lbs. [0.63 kg] 2.0 lbs. [0.90 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	011411
Loudspeaker Part Number	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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Typical Installation

Compliant PoE Ethernet Switch

011068 Mini Horn
Loudspeaker
(sold separately)

Syn-Apps enabled
Paging Amplifier

IP Phone

SA Announce Server

Speaker Connection Options

Typical Coverage:

With one horn attached to Paging Amplifier under standard 802.3af PoE power, coverage is up to 5,000 square feet. With two horns attached to the Paging Amplifier under 802.3at PoE (high power), coverage is up to 10,000 square feet depending on ambient background noise levels.

802.3af for one speaker
802.3at for two speakers

25 feet maximum
length per speaker

16 gauge wire

Analog RGB Strobe

3.28 feet [1 meter] cable

011288 Analog RGB Strobe
Low cost strobe kit for the Paging Amplifier

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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)