SIP Paging Amplifier

CyberData
The IP Endpoint Company

The SIP Paging 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.

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

Features

- Concurrent SIP and multicast paging
- Loud/Night Ringer function - second SIP extension
- Paging Prioritization
- Support for 10 multicast paging groups
- 9 user-uploadable page messages
- Can receive pages directly from Poly phones as well as other devices that can send standard multicast
- Sense input capable of generating events or SIP calls
- Supports delayed pages with call buffering
- Support for security code to prevent unwanted SIP calls

- Support for auxiliary strobe
- Line-in for background music
- Line-out connector
- DTMF controlled relay
- Supports up to two 011471 IP66 Analog Horns or other 8 Ohm speaker
- Network and manual volume control

- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- Autoprovisioning via HTTPS, HTTP or TFTP
- HTTPS or HTTP web based configuration. HTTPS is enabled by default.
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging
- HTTP command interface
- Support for Cisco SRST resiliency

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
Network Security	TLS/SSL 1.2 and SRTP
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature	Temperature: -40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
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]
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	011324

*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.

SIP Paging Amplifier

Typical Installation

802.3at Compliant PoE Ethernet Switch

SIP Paging Amplifier

IP Phone

IP-PBX Server

Speaker Connection Options

Typical Coverage

With one horn attached to the 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.

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

SIP Paging Amplifier
(sold separately)

802.3af for one speaker
802.3at for two speakers

Optional second speaker connection

16 gauge wire

25 feet maximum length per speaker

Optional 011471
IP66 Analog Horn
(sold separately)

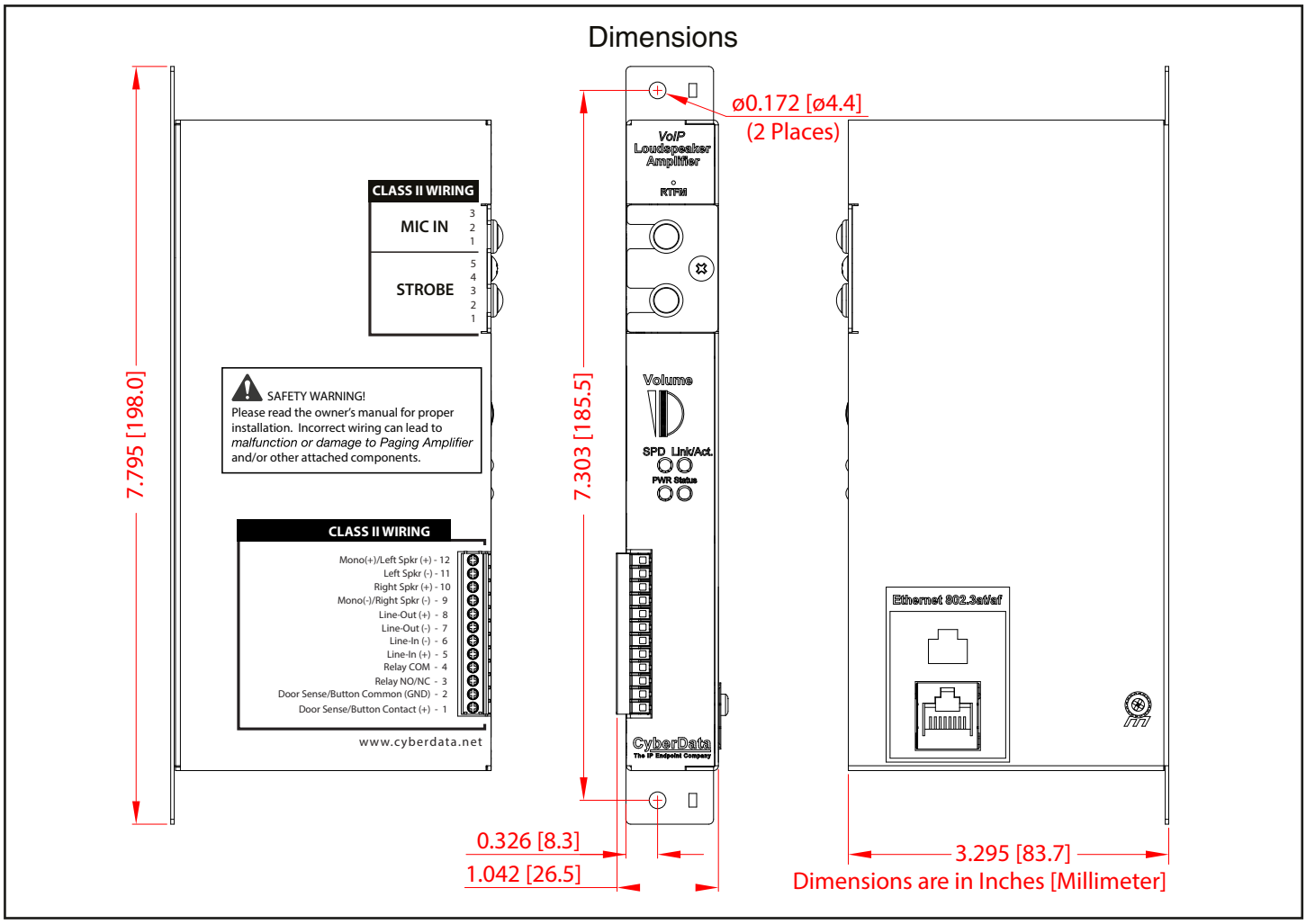
Auxiliary RGB (Multi-Color) Strobe Kit

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

3.28 ft. [1 m] cable

Optional 011288 Auxiliary RGB
(Multi-Color) Strobe Kit (sold separately)
Low cost strobe kit for the Paging Amplifier

SIP Paging Amplifier



Related Products:

Audio and Visual Alerting

011471 IP66 Analog Horn

011457 SIP IP66 Outdoor Horn

011288 Auxiliary RGB (Multi-Color) Strobe Kit

011376 SIP RGB (Multi-Color) Strobe

Paging Devices

011124 PoE Power Injector 802.3at

011404 SIP Loudspeaker Amplifier (AC-Powered)

011405 SIP Loudspeaker Amplifier (PoE)

011146 SIP Paging Server with Bell Scheduler