InformaCast® Enabled Paging Amplifier

CyberData
The IP Endpoint Company

The CyberData InformaCast Enabled Paging Amplifier is for use with Singlewire's InformaCast paging and emergency notification software.

This Power over Ethernet (802.3at) VoIP paging device and loud ringer is ideal for 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 InformaCast Enabled Paging 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.

Features

- Compatible with Singlewire InformaCast v12.1, including support for downloading SIP credentials from InformaCast
- Supports Singlewire InformaCast High Quality Audio
- Capable of receiving Singlewire InformaCast, SIP, and Multicast messages
- Support for InformaCast resiliency
- Support for Cisco SRST resiliency

- Concurrent InformaCast, 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

Specifications	
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible
Notification Software	Singlewire InformaCast v4.0 and above
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	011403

*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.

InformaCast® Enabled Paging Amplifier

Typical Installation

802.3at Compliant PoE Ethernet Switch

InformaCast Server

InformaCast Enabled 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.

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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

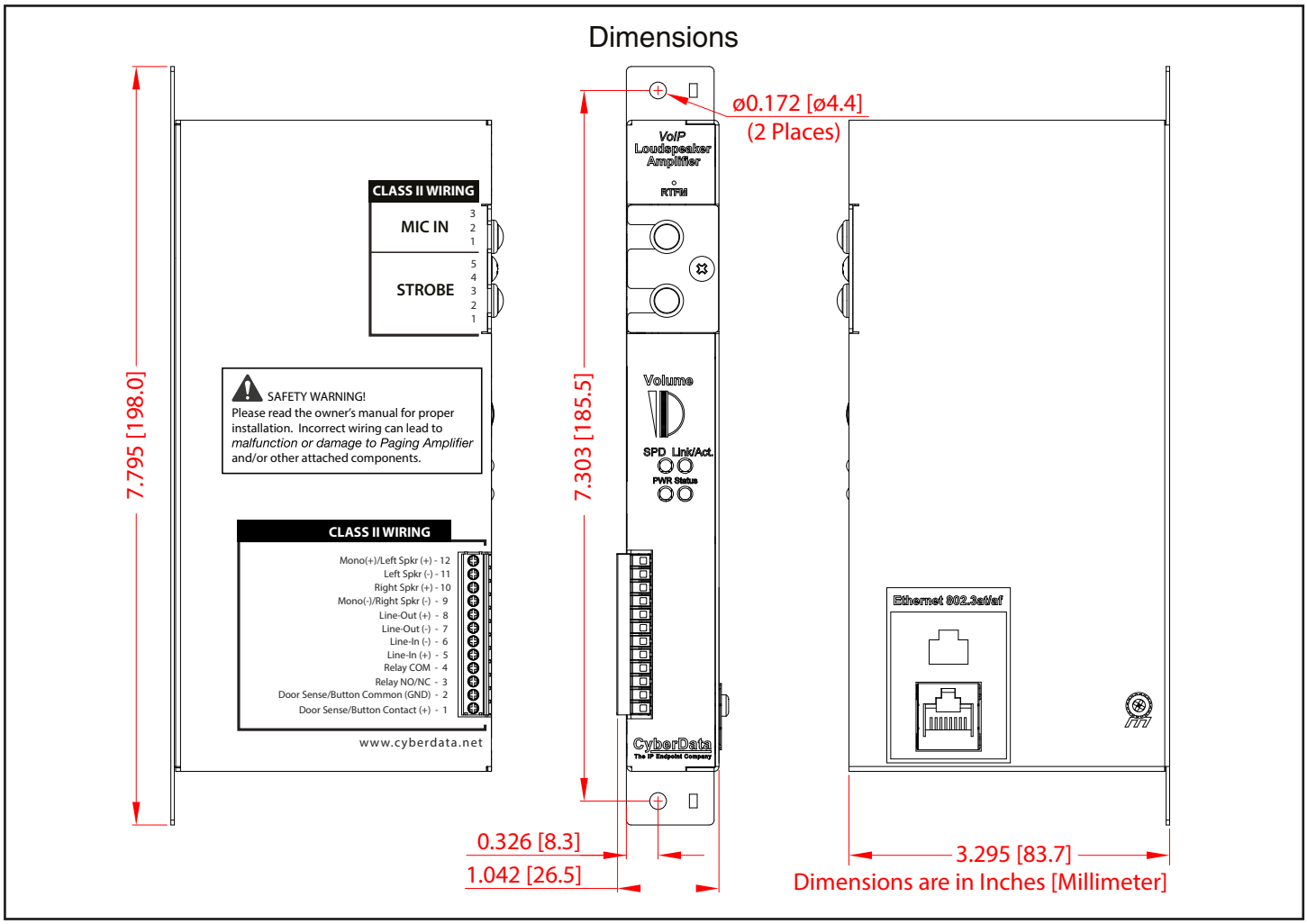
This figure does not show specific connections. See the Operations Guide of the device for the connection details.

3.28 ft. [1 m] cable

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

InformaCast® Enabled Paging Amplifier

Dimensions



Related Products:

Audio and Visual Alerting

011471 IP66 Analog Horn

011472 InformaCast Enabled IP66 Outdoor Horn

011288 Auxiliary RGB (Multi-Color) Strobe Kit

011377 InformaCast Enabled RGB (Multi-Color) Strobe

Paging Devices

011124 PoE Power Injector 802.3at

011406 InformaCast Enabled Loudspeaker Amplifier (AC-Powered)

011407 InformaCast Enabled Loudspeaker Amplifier (PoE)