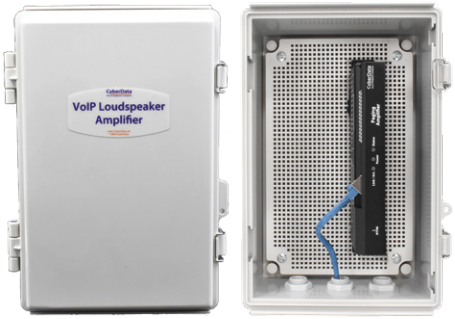
InformaCast® Enabled Loudspeaker Amplifier (PoE)

CyberData
The IP Endpoint Company

The CyberData InformaCast Enabled Loudspeaker 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 Loudspeaker Amplifier can have one or two 011471 IP66 Analog Horns attached. See more details in the Operations Guide or under the **Installation** tab of the product webpage.



Features

- Compatible with Singlewire InformaCast v12.1 and higher, 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

- 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, i.e. 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 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 web based configuration
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging
- HTTPS command interface
- Support for Cisco SRST resiliency

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 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
On-Board Relay	1A @ 30 VDC
Payload Types	G.711 a-law, G.711µ-law, G.722, and G.729
Network Security	TLS 1.2, SRTP, HTTPS
Enclosure	UL 94-HB flame resistant, IK 08 Impact-rated, IP66 enclosure
Operating Range	Temperature: -40° C to 55° C (-40° F to 131° F) Humidity: 5-95%, non-condensing
Storage Temperature Storage Altitude	-40° C to 70° C (-40° F to 158° F) Up to 15,000 ft. (4573 m)
Dimensions**	10 in. [254 mm] Length 4 in. [101.6 mm] Width 14 in. [355.6 mm] Height
Weight Boxed Weight	3.6 lbs. [1.63 kg] 4.6 lbs. [2.1 kg]
Compliance	CE: EMC Directive – Class A EN 55032 & EN 55024, LV Safety Directive – EN 62368-1; RoHS Compliant; FCC Part 15 Class A; Industry Canada ICES-3 Class A; IEEE 802.3 Compliant; TAA Compliant
Warranty	5 Years Limited
Part Number	011407

*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.

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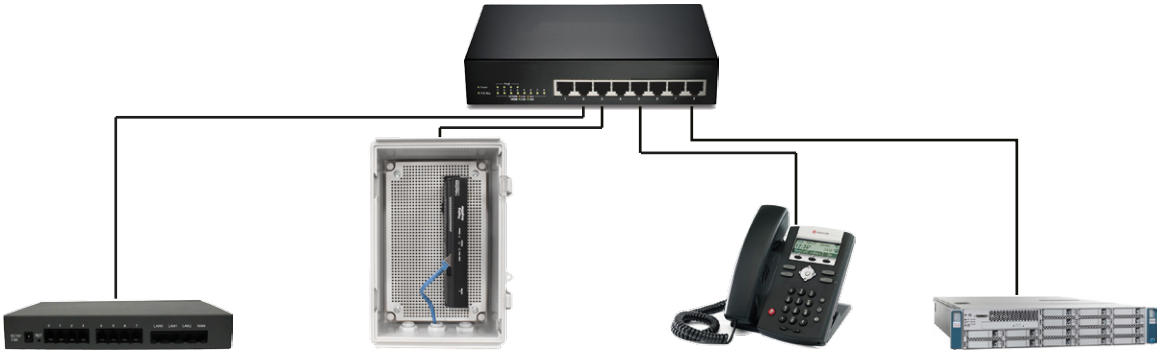
Typical Installation

802.3at Compliant PoE Ethernet Switch

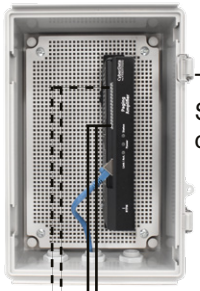


InformaCast Server | InformaCast Enabled Loudspeaker Amplifier (PoE) | IP Phone | IP-PBX Server

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.

802.3af for one speaker
802.3at for two speakers

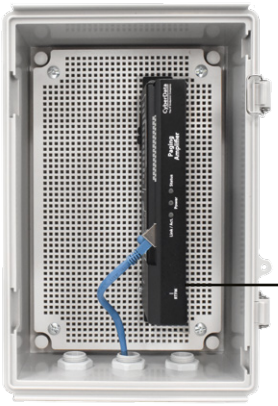
16 gauge wire

Optional second speaker connection

25 feet maximum length per speaker

Optional 011471 IP66 Analog Horn (sold separately)

Auxiliary RGB (Multi-Color) Strobe Kit



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3.28 ft. [1 m] cable

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

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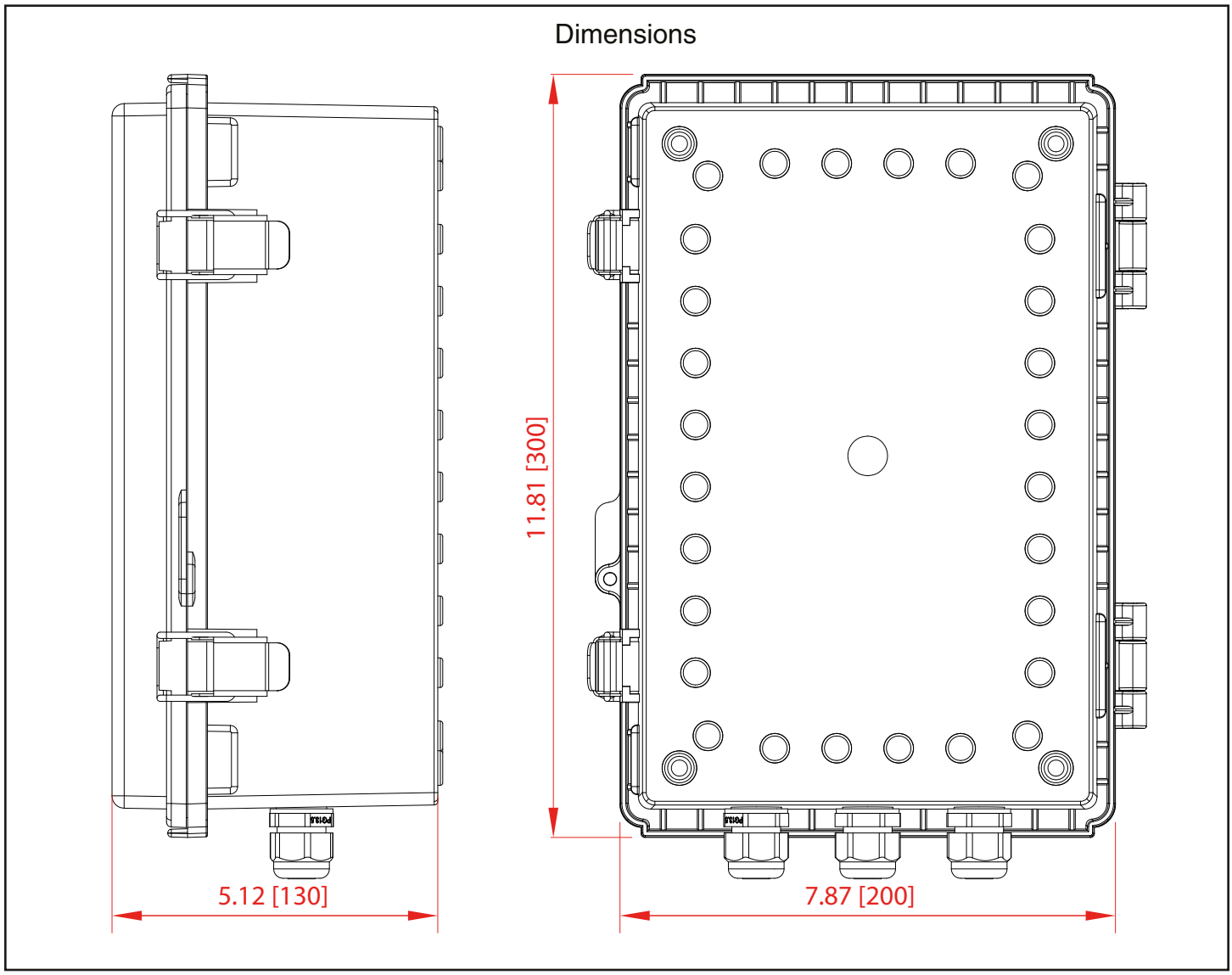

Related Products:

011471 IP66 Analog Horn

011288 Auxiliary RGB (Multi-Color) Strobe Kit

011490 Outdoor Auxiliary RGB (Multi-Color) Strobe Kit

011124 PoE Power Injector 802.3at