

InformaCast Enabled Paging 25V/70V +4 Amplifier

The InformaCast Enabled Paging 25V/70V +4 Amplifier is an analog/IP hybrid, cost-effective paging solution. It allows customers to use CyberData's or their existing 25V, 70V, constant voltage speakers, and/or CyberData multicast endpoints in a VoIP environment.

The InformaCast Enabled Paging 25V/70V +4 Amplifier sends and receives multicast, including from any channel of Poly phones.

The InformaCast Enabled Paging 25V/70V +4 Amplifier has a built-in calendar-based scheduler that enables scheduled bells and prerecorded messages to be sent to different multicast zones as well as four analog zones. Multiple analog zones can be supported by adding additional InformaCast Enabled Paging 25V/70V +4 Amplifiers.

CyberData's SIP enabled VoIP products are compatible with a vast majority of VoIP systems including SBCs, Gateways, and phone systems both on-premise or cloud-based.

Features

- Supports four analog zones with hundreds* of 25V or 70V speakers/horns with each zone having a single home run cable to the Amplifier
- Compatible with Singlewire's InformaCast, including support for downloading SIP credentials from InformaCast
- Can page to unlimited endpoints that are enabled to receive multicast or Poly pages on any Poly channel
- Master analog volume adjustment via web interface or front panel LCD controls
- Includes the full feature set of our 011598 SIP Paging 25V/70V +4 Amplifier (complete list here): <https://files.cyberdata.net/assets/011598/011598.pdf>
- Fault sense input
- Line-in for background music
- Page to any Multicast enabled SIP Phone
- LCD display for monitoring device status, configuration and diagnostics
- Configurable alerts for amplifier temperature threshold protection, and recovery modes.
- 19-inch rack mountable with removable rack ears
- TLS 1.2 and SRTP enhanced security for IP Endpoints in a local or cloud-based environment
- HTTPS web based configuration
- Support for Cisco SRST resiliency
- Autoprovisioning via HTTPS, HTTP or TFTP
- Configurable event generation for device health and status monitoring
- 802.11q VLAN tagging



Specifications

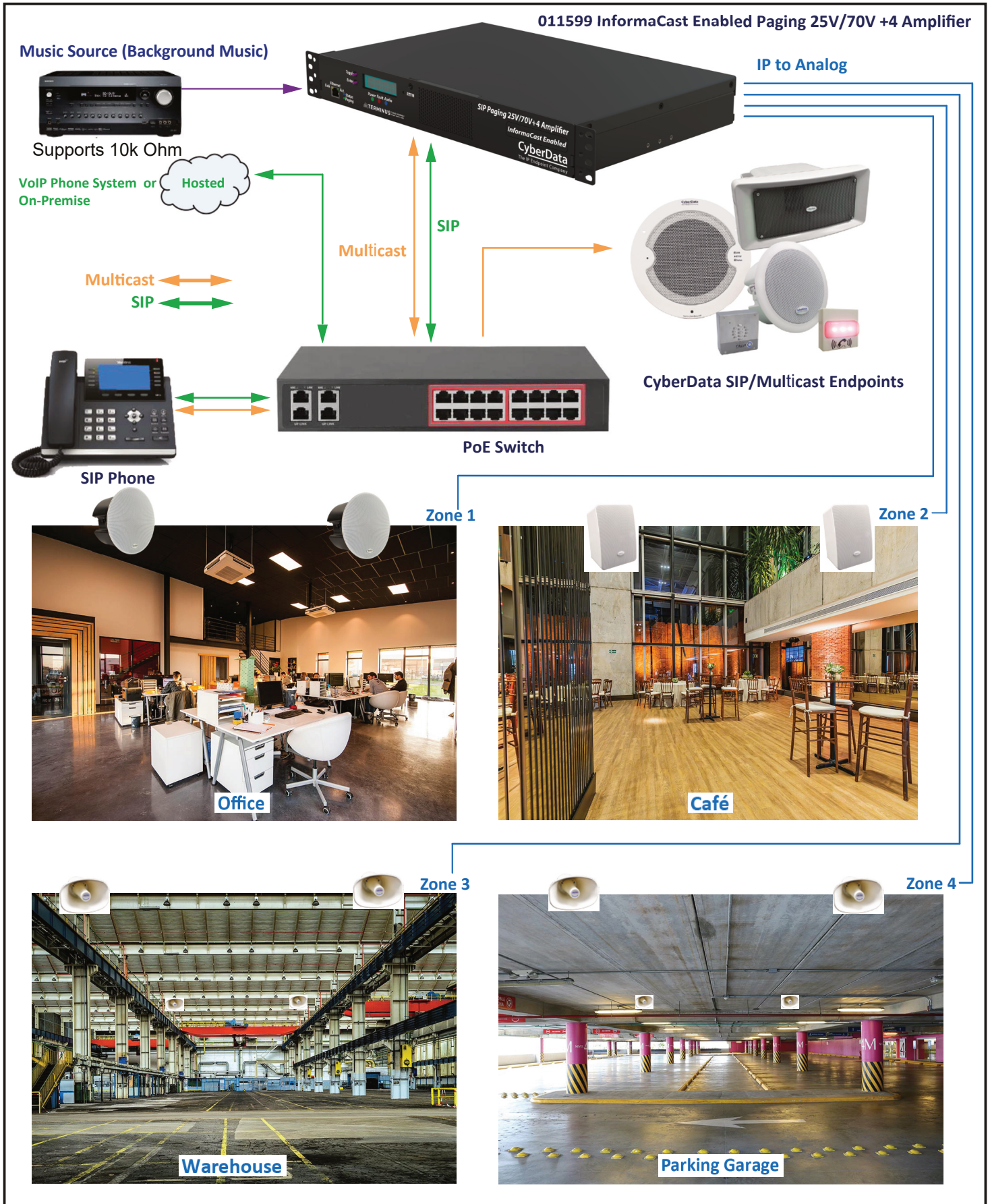
Ethernet I/F	10/100 Mbps
Protocol	SIP RFC 3261 Compatible InformaCast v 4.0 or above
Power Input	AC Voltage Input 100-240VAC, 50/60 Hz
Analog Zone Output:	Continuous power output of up to 392W when driving 70V distributed speakers through 4 outputs Continuous power output of up to 160W when driving 25V distributed speakers through 4 outputs
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
Payload Types	G.711 a-law, G.711 μ -law, G.722, and G.729
Network Security	TLS 1.2, SRTP, HTTPS
Operating Range	Temperature: 15° C to 27° C (60° F to 80° F) (60 degrees F to 80 degrees F) Humidity: 5-95%, non-condensing
Storage Temperature	-40° C to 70° C (-40° F to 158° F)
Storage Altitude	Up to 15,000 ft. (4573 m)
Dimensions**	19.0 inches [482.6 mm] Length (with rack ears) 16.85 inches [428.0 mm] Length (w/o rack ears) 11.22 inches [285.0 mm] Width 2.25 inches [57.2 mm] Height
Weight	11.2 lbs [5.1 kg]
Boxed Weight	17.8 lbs [8.1 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	011599

*Number of speakers supported will depend on the tap setting and the baseline voltage in your typical configuration. Continuous power output is up to 392W when in 70V mode and 160W when in 25V mode.

**Dimensions are measured from the perspective of the product being upright with the front of the product facing you.

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Typical Hybrid Analog/IP Installation



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Connections

25V/70V Output

There are two connections to hook analog speakers up to the amp. The connections accept up to a 12 AWG wire.

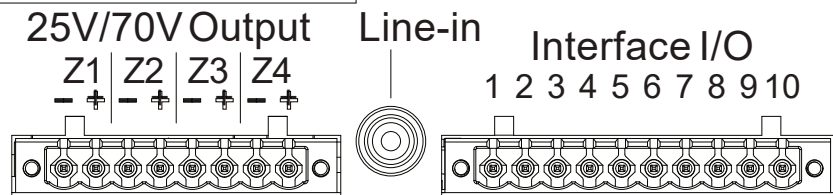
Line in

Line level input is for background music applications. The expected input level is 2Vpp (2 volts peak to peak voltage).

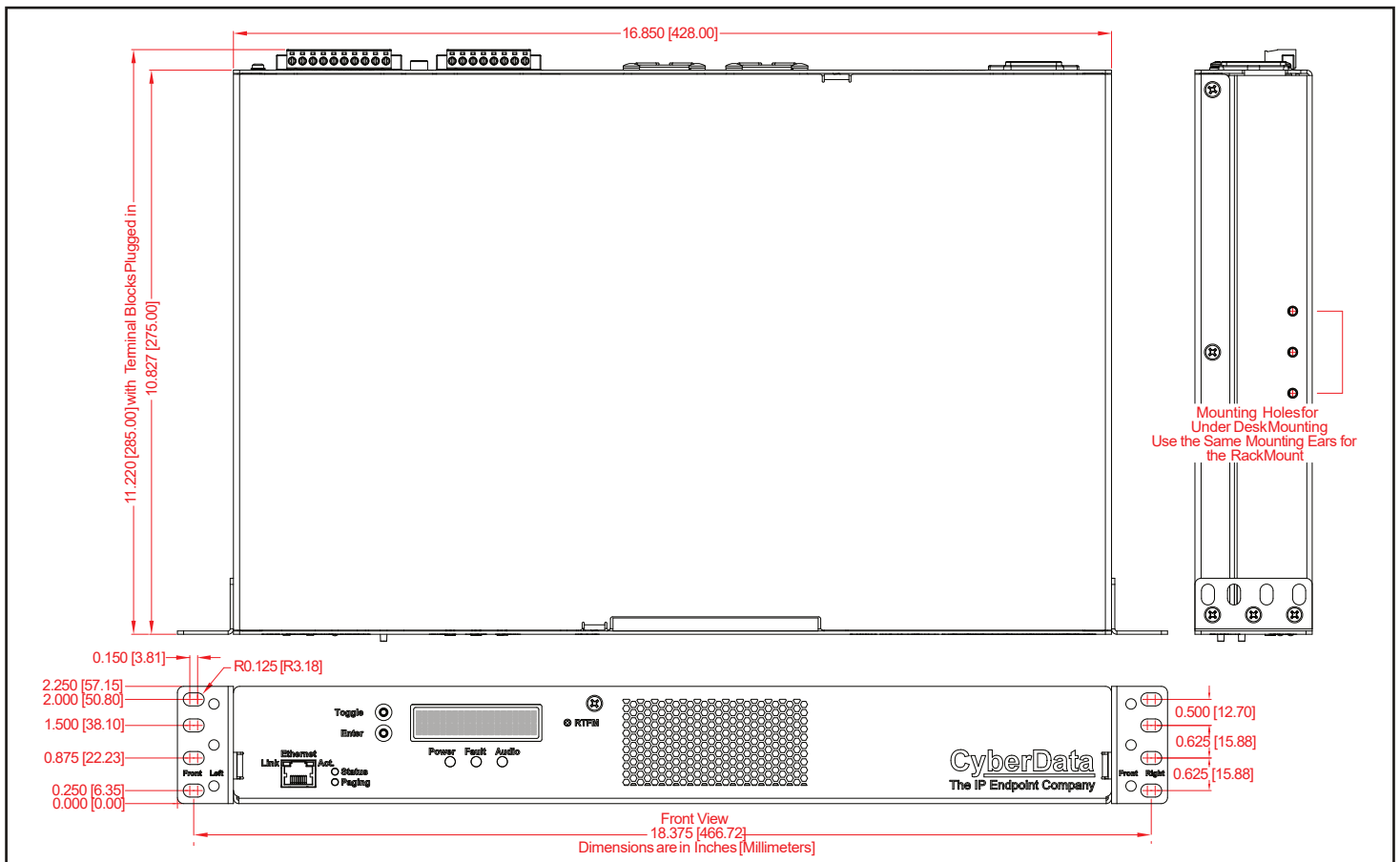
Interface I/O

- 1 Fault Sense Input (Common)
- 2 Fault Sense Input (Sense)
- 3-4 Reserved
- 5 Ground Reference
- 6 Relay Contact - Common
- 7 Relay Contact - Normally Open
- 8 Line Level Output (+)
- 9 Line Level Output (-)
- 10 Reserved

Warning:
Check Voltage before
Connecting Speaker(s).



Dimensions



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Related Products:

ANALOG



011588 Analog Ceiling Mount Speaker 25V/70V/8 Ohm



011589 Analog Wall Mount Speaker 25V/70V/8 Ohm



011590 IP66 Analog Horn 25V/70V/8 Ohm

INFORMACAST ENABLED



011396 InformaCast Enabled Speaker with Talk-Back



011472 InformaCast Enabled IP66 Indoor/Outdoor Horn



011377 InformaCast Enabled RGB (Multi-Color) Strobe



011504 InformaCast Enabled Ceiling Speaker



011505 InformaCast Enabled Wall Mount Speaker



011049 SIP Call/Alert Button



011446 Multicast VoIP Microphone