## Dimensions



**CLASS II WIRING**

MIC IN
- 3
- 2
- 1

STROBE
- 5
- 4
- 3
- 2
- 1

⚠ SAFETY WARNING!
Please read the owner's manual for proper installation. Incorrect wiring can lead to *malfunction or damage to Paging Amplifier* and/or other attached components.

**CLASS II WIRING**

- Mono(+)/Left Spkr (+) - 12
- Left Spkr (-) - 11
- Right Spkr (+) - 10
- Mono(-)/Right Spkr (-) - 9
- Line-Out (+) - 8
- Line-Out (-) - 7
- Line-In (-) - 6
- Line-In (+) - 5
- Relay COM - 4
- Relay NO/NC - 3
- Door Sense/Button Common (GND) - 2
- Door Sense/Button Contact (+) - 1

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ø0.172 [ø4.4] (2 Places)

VoIP Loudspeaker Amplifier

RTFM

Volume

SPD  Link/Act.
PWR Status

CyberData
The IP Endpoint Company

Ethernet 802.3at/af

7.795 [198.0]
7.303 [185.5]
0.326 [8.3]
1.042 [26.5]
3.295 [83.7]

Dimensions are in Inches [Millimeter]

## Contacting CyberData

### Corporate Headquarters

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Support Website: **http://support.cyberdata.net/**
RMA Department: (831) 373-2601 ext. 136
RMA Email: RMA@CyberData.net
RMA Status: **http://support.cyberdata.net/**
Warranty Information: **http://support.cyberdata.net/**

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| Parameter | Factory Default Setting |
|---|---|
| IP Addressing | DHCP |
| IP Address[a] | 10.10.10.10 |
| Web Access Username | admin |
| Web Access Password | admin |
| Subnet Mask[a] | 255.0.0.0 |
| Default Gateway[a] | 10.0.0.1 |

a. Default if there is not a DHCP server present.

## Typical System Installation



**Compliant Non-PoE Ethernet Switch**

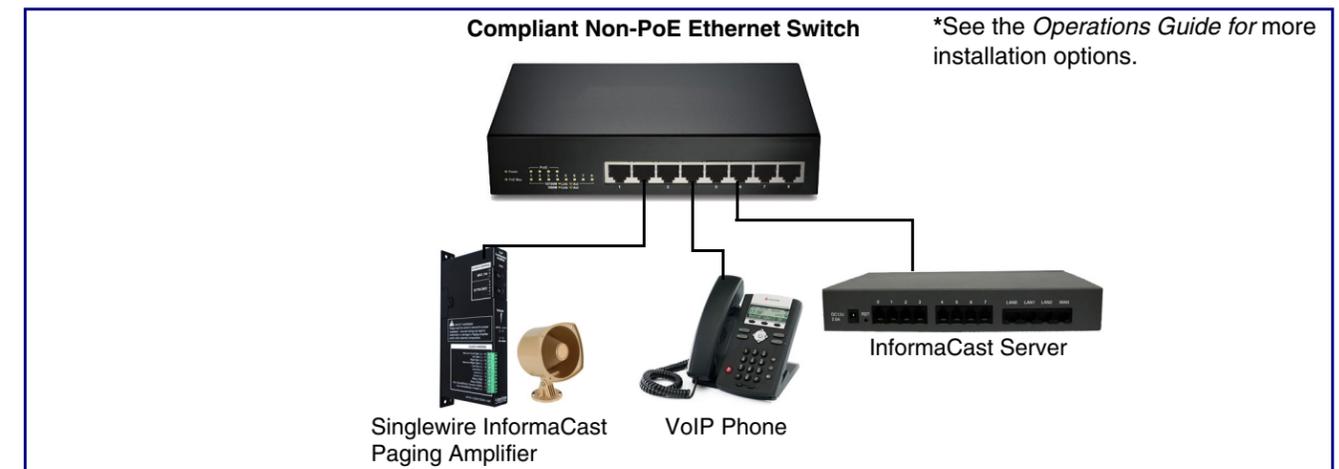*See the Operations Guide for more installation options.

Singlewire InformaCast Paging Amplifier

VoIP Phone

InformaCast Server

## Getting Started

- Download the *Operations Guide* PDF file from the **Documents** tab at the following webpage: **http://www.cyberdata.net/voip/011403/**
- Create a plan for the locations of your paging amplifiers.
- WARNING: This product should be installed by a licensed electrician according to all local electrical and building codes.
- WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- WARNING: The PoE connector is intended for intra-building connections only and does not route to the outside plant.
- WARNING: The Singlewire InformaCast Paging Amplifier enclosure is not rated for any AC voltages!

## Parts

| (1) Assembly | (1) Screw Accessory Kit | |
|---|---|---|
|  | (2) Plastic Ribbed Anchors  | (2) #6x1.25" Pan Head Phillips Sheet Metal Screw  |

# Features



**RTFM Switch**

To broadcast a device's current IP address, press and hold the RTFM switch for a couple of seconds and then release it.

To restore the factory defaults, complete the following steps:

1. Press and hold the RTFM switch until you hear the device announce the words, "restoring defaults" and "rebooting".

2. Release the RTFM switch. The device will be restored to the factory default settings.

**Speaker Volume**

**Speed (SPD) LED (AMBER)**
The **Speed** LED illuminates **AMBER** for a 100Mb link or is off for a 10MB link when the network link to the device is established.

**Link/Activity (Link/Act.) LED (GREEN)**
The **Link/Act.** LED blinks to indicate network traffic.

**Status LED (GREEN)**
After supplying power to the device, a steady **GREEN** Status LED confirms that the device is operational.

**Power (PWR) LED (GREEN/BLUE)**
The **PWR** LED is a **GREEN** in low power mode (802.3af) and **BLUE** during high power mode (802.3at).

*See the Operations Guide for more information about the features in this section.

# Connection Options

## CLASS II WIRING

Mono(+)/Left Spkr (+) - 12
Left Spkr (-) - 11
Right Spkr (+) - 10
Mono(-)/Right Spkr (-) - 9
Line-Out (+) - 8
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Line-In (+) - 5
Relay COM - 4
Relay NO/NC - 3
Door Sense/Button Common (GND) - 2
Door Sense/Button Contact (+) - 1

**Speaker Connections***
*See the Operations Guide for diagrams and information about the connections in this section.

**Line-Out Connection (10K Ohm)**

**Line-In Connection**

**Relay Connection**

**Sensor Connection**

### Relay Connection



External device such as an electric door strike or an LED strobe light

Solid State or Mechanical Relay

High PIV Ultrafast Switching Diode

**OUT**

**IN**

Paging Amplifier

Output Contacts AC or DC-rated depending upon controlled device requirements

AC or DC Power Source

DC Power Supply (Max. 30 VDC @ 1A)

### Line-In Connection



Paging Amplifier

When line-in is enabled on the device, the audio received from the line-in connection will be played to the speaker(s) and line-out connection as the lowest priority audio.

Music Source

### Sensor Connection



Paging Amplifier

931271C    Quick Reference        Quick Reference    931271C