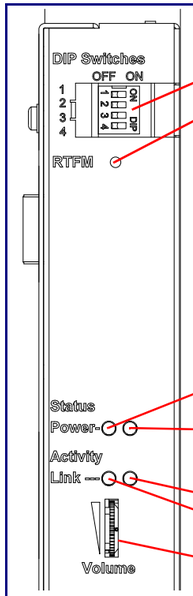
## Features




**DIP Switches**

**RTFM Switch**

To broadcast a Paging Amplifier's current IP address, press the RTFM switch on the Paging Amplifier for one second, and then release the switch to hear the IP address announcement.

To restore the factory defaults, complete the following steps:

1. Press and hold the **RTFM** switch for eight seconds. The Paging Amplifier will announce the words, "restoring defaults", and then announce the words, "rebooting".

2. Release the **RTFM** switch. The Paging Amplifier settings will be restored to the factory default settings.

**Power LED (GREEN/BLUE)**
The power LED is a steady **green** in low power mode and a steady **blue** during high power mode. The power LED will only blink either during a boot up or a phone call.

**Status LED (GREEN)**
A steady LED confirms that the Paging Amplifier is operational. The LED will blink during a page when it is online.

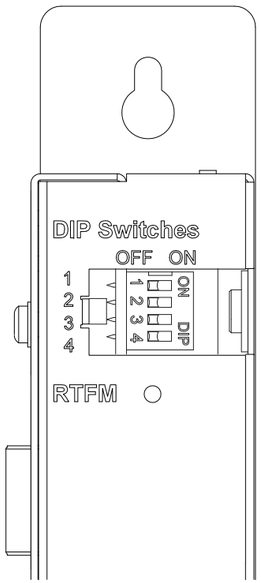
**Network Activity LED (GREEN)**

**Network Link LED (GREEN/YELLOW)**

**Speaker Volume**

## DIP Switch Settings

**DIP Switch Settings—Low Power—802.3af Compliant**




| DIP Switch | Default Setting | Description |
|---|---|---|
| 1 | OFF | Sets PoE for 802.3af class. |
| 2 | N/A | Not applicable for power setting. |
| 3 | ON | Switch mode current set to **LOW**. |
| 4 | OFF | Low gain amplifier setting. |

**DIP Switch Settings—High Power—802.3at Compliant[a]**

| DIP Switch | Setting | Description |
|---|---|---|
| 1 | ON | Sets PoE for 802.3at class. |
| 2 | N/A | Not applicable for power setting. |
| 3 | OFF | Switch mode current set to **HIGH**. |
| 4 | ON | Force high gain amplifier. |

a. If set to high power, the unit will not power ON with 802.3af compliant switch. You must use a power injector in this mode (CyberData Part Number 011124). High power PoE mode conforms to IEEE 802.3at draft 3.0.

**DIP Switch 2 Settings**

| DIP Switch | Setting | Description |
|---|---|---|
| 2 | OFF | **Manual Vol**. The speaker volume is set manually by the analog volume trimmer. |
| 2 | ON | **Bypass**. Bypasses the manual volume control of the analog volume trimmer and uses the web page volume settings. |

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# CyberData *Installation Quick Reference*

# *Singlewire-enabled VoIP V2 Paging Amplifier*

# 011085

The CyberData Singlewire-enabled VoIP V2 Paging Amplifier provides an easy method for implementing an IP-based overhead paging system for both new and legacy installations.

**The Singlewire-enabled VoIP V2 Paging Amplifier is compatible with InformaCast Version 4.0 and higher.**

| 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.

## Getting Started

- Download the *Singlewire-enabled VoIP V2 Paging Amplifier Operations Guide* PDF file from the Singlewire-enabled VoIP V2 Paging Amplifier product page at:
  **http://www.cyberdata.net/products/voip/digitalanalog/singlewirepagingampv2/docs.html**
- Create a plan for the locations of your paging amplifiers.
- Prior to installation, consult local building and electrical code requirements.

## Paging Amplifier Parts

**(1) Assembly**

**(1) Wall Mounting Kit**

(2) Plastic Ribbed Anchors

(2) #6 Sheet Metal Screws

## Contacting CyberData


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Email: RMA@CyberData.net
RMA Status: **http://www.cyberdata.net/support/rmastatus.html**

Warranty information is available at:
Web: **http://www.cyberdata.net/support/warranty/index.html**


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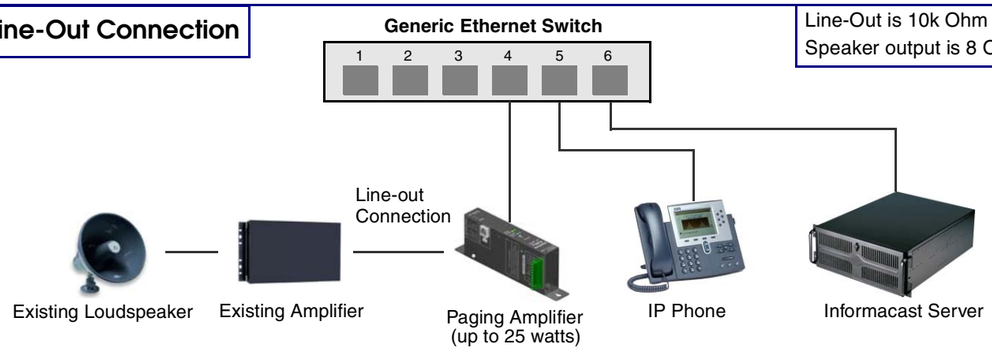
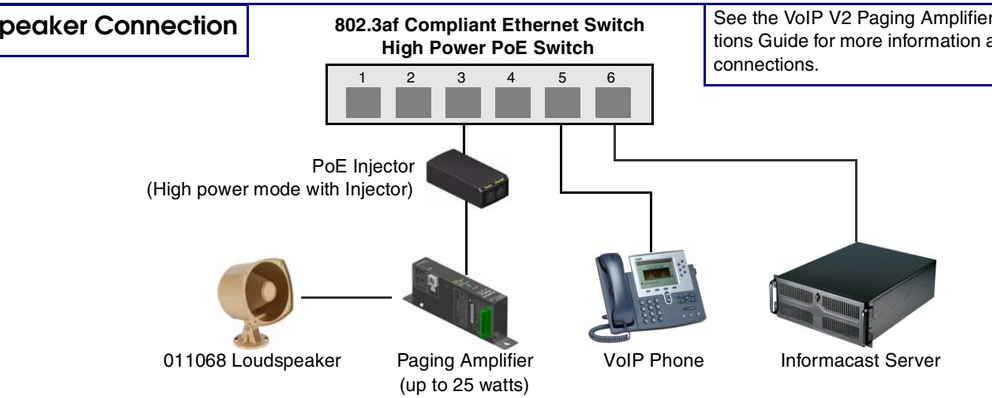
## System Installation and Connection Options

### Line-Out Connection




Line-Out is 10k Ohm at 2Vpp. Speaker output is 8 Ohm.

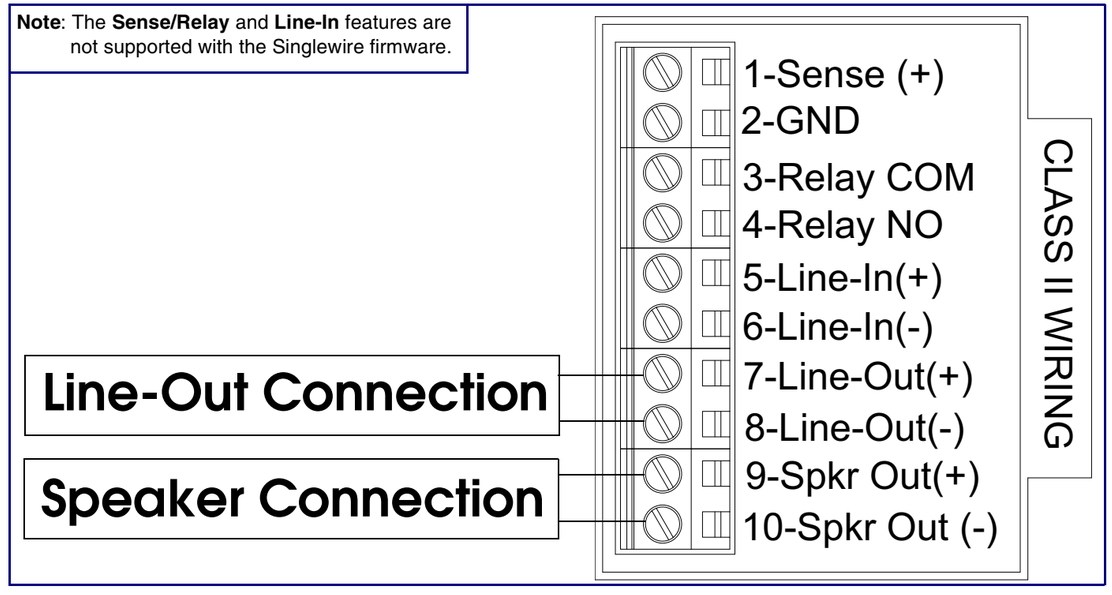
### Speaker Connection

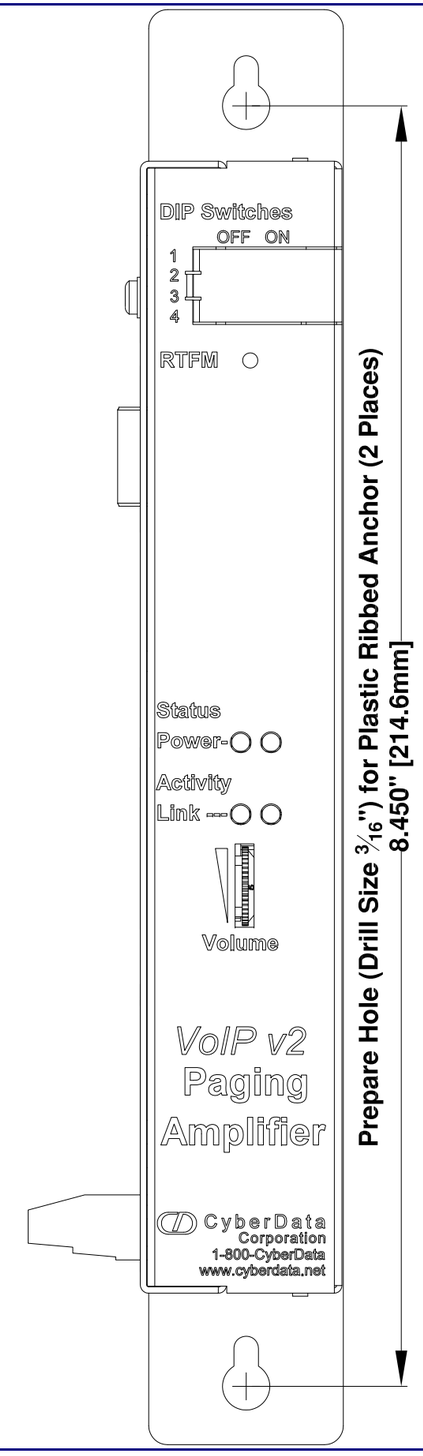



See the VoIP V2 Paging Amplifier Operations Guide for more information about the connections.

## Connections

**Note**: The **Sense/Relay** and **Line-In** features are not supported with the Singlewire firmware.




## Mounting Template