Connections

	1-Sense (+)
	2-GND
	3-Relay COM
	4-Relay NO
	5-Line-In(+)
	6-Line-In(-)
Line-Out Connection	7-Line-Out(+)
	8-Line-Out(-)
Speaker Connection	9-Spkr Out(+)
	10-Spkr Out (-)

CLASS II WIRING

Note: The **Button/Relay** and **Line-In** features are not supported with the Singlewire firmware.
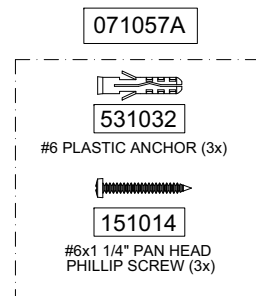
Note: **Line-Out** is 10k Ohm at 2Vpp. Speaker output is 8 Ohm.

Mounting the Enclosure

To mount the enclosure:

1. Prepare holes for the screws.

2. Plug in the power adapter and use the green **Power** light to verify that the power is on.

3. Plug the Ethernet cable into the VoIP V2 Loudspeaker Amplifier. The yellow **Link** light verifies the network connection.

4. For wall mounting, use the three #6 x 1-1/4-inch Pan Head Phillip screws to secure the speaker.

071057A

531032
#6 PLASTIC ANCHOR (3x)

151014
#6x1 1/4" PAN HEAD PHILLIP SCREW (3x)

Contacting CyberData

Corporate Headquarters

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

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

Installation Quick Reference

Singlewire-enabled VoIP V2 Loudspeaker Amplifier (AC-Powered)

011114

The Singlewire-enabled VoIP V2 Loudspeaker 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 Loudspeaker Amplifier Operations Guide* from the **Documents** page at: **http://www.cyberdata.net/products/voip/digitalanalog/singlewireloudspeakerampv2/docs.html**

- Create a plan for the locations of your paging amplifiers.

- Prior to installation, consult local building and electrical code requirements.
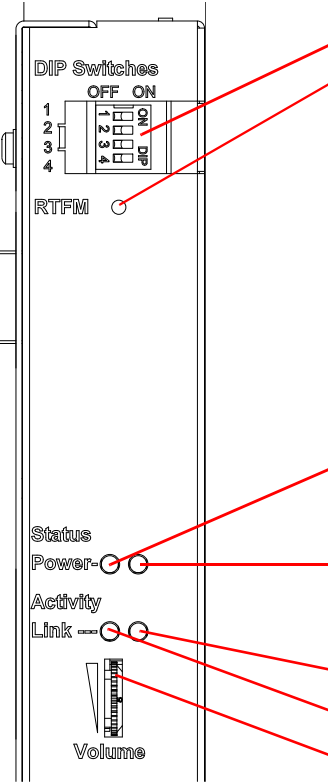
Wiring the 125V AC Plug

The green wire with the yellow stripe is a ground connection for Electrostatic Discharge (ESD) protection, and should not be removed.

To wire the 125V AC plug, consult a licensed electrician and the local building codes in your area.

V2 Loudspeaker Amplifier Parts

(1) Assembly	(1) Wall Mounting Kit	
	(3) #6 Plastic Anchors	(3) #6 x 1-1/4-inch Pan Head Phillip Screws

(1) Enclosure

Optional Parts (not included)

(1) CAT 5e/CAT6 cable

(1) PoE Power Injector

View Inside of the Enclosure

Features

DIP Switches

RTFM Switch

To broadcast a V2 Loudspeaker Amplifier's current IP address, press the RTFM switch on the V2 Loudspeaker 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 V2 Loudspeaker Amplifier will announce the words, "restoring defaults", and then announce the words, "rebooting".

2. Release the **RTFM** switch. The V2 Loudspeaker 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.
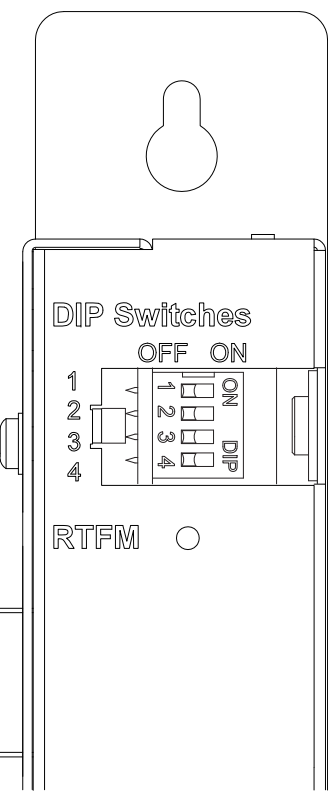
Status LED (GREEN)
A steady LED confirms that the V2 Loudspeaker Amplifier is operational. The LED will blink during a page when it is online.

Network Activity LED (GREEN)

Network Link LED (GREEN/YELLOW)

Speaker Volume

DIP Switch Settings

User Hardware Dip Switch and Jumper Settings

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.

Note: High power PoE mode conforms to IEEE 802.3at draft 3.0.

Dimensions and Mounting Template

6.281 [159.54]

Dimensions are in Inches [Millimeters]

14.500 [368.30]

7.938 [201.63]

10.875 [276.23]
Dimensions are in Inches [Millimeters]

4.375 [111.13]

Cable Grommets (3 PLCS)