Connections

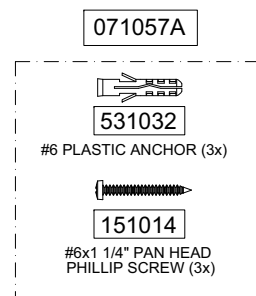| Sensor Connection	1-Sense (+)	
	2-GND	
Relay Connection	3-Relay COM	
	4-Relay NO	CLASS II WIRING
Line-In Connection	5-Line-In(+)	
	6-Line-In(-)	
Line-Out Connection	7-Line-Out(+)	
	8-Line-Out(-)	
Speaker Connection	9-Spkr Out(+)	
	10-Spkr Out (-)	

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 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**

CyberData

Installation Quick Reference
VoIP V2 Loudspeaker Amplifier (AC-Powered)
SiP Compliant
011095

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 *VoIP V2 Loudspeaker Amplifier Operations Guide* PDF file from the **Documents** page at: **http://www.cyberdata.net/products/voip/digitalanalog/loudspeakerampv2/docs.html**

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

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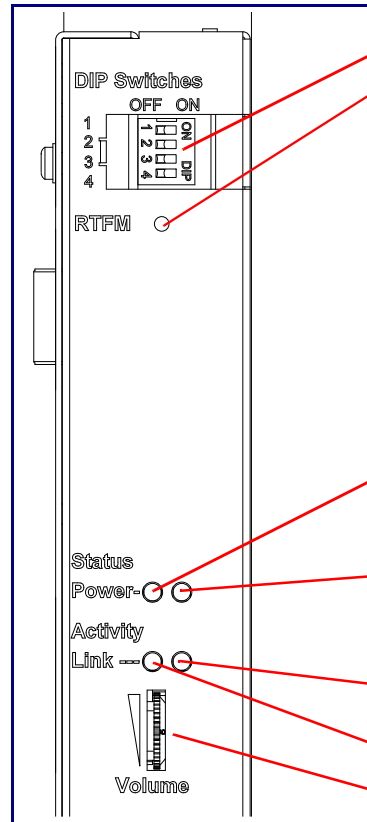
Wiring the 125V AC Plug

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

Additional Parts

(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 and hold the RTFM switch until you hear the IP address announcement, and then release the RTFM switch.

To restore the factory defaults, complete the following steps:

1. Press and hold the RTFM switch until you hear the IP address announcement. Continue holding the RTFM switch for an additional five seconds until you hear the V2 Loudspeaker Amplifier announce the words, "restoring defaults" and "rebooting".

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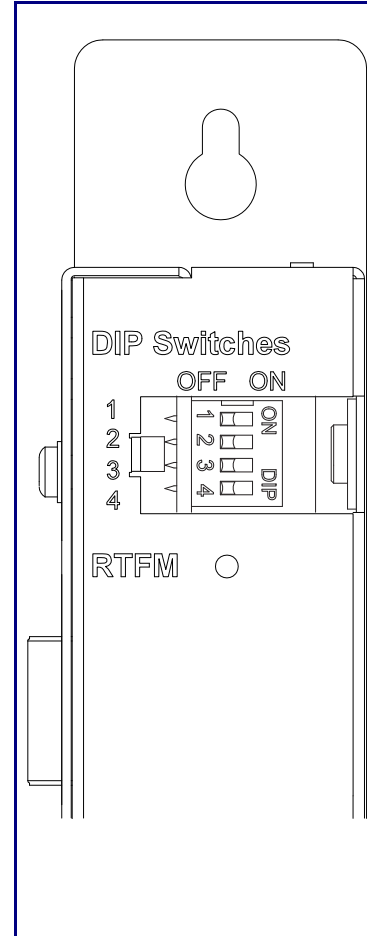
Status LED (GREEN)
A steady LED confirms that the V2 Loudspeaker Amplifier is operational. The LED will blink during a page when it is online.

Network Activity LED (GREEN)

Network Link LED (GREEN/YELLOW)

Speaker Volume

DIP Switch Settings

DIP Switch Settings—Low Power—802.3af Compliant

DIP Switch	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 (Default)[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).

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.

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)

Quick Reference

Quick Reference