

Installation Quick Reference  
**VoIP V2 Paging Amplifier**  
SiP Compliant  
**011061**



Parameter	Factory Default Setting
IP Addressing	DHCP
IP Address <sup>a</sup>	10.10.10.10
Web Access Username	admin
Web Access Password	admin
Subnet Mask <sup>a</sup>	255.0.0.0
Default Gateway <sup>a</sup>	10.0.0.1

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

Specification Category	Specification
<b>Line In:</b>	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
<b>Line Out:</b>	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm

Getting Started

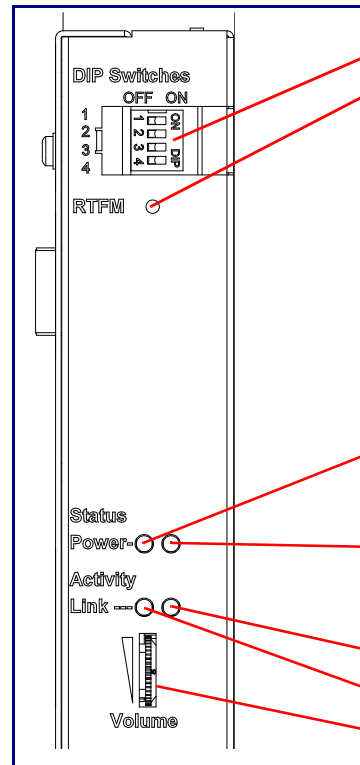
- Download the *VoIP V2 Paging Amplifier Operations Guide* PDF file from the **Documents** page at: <http://www.cyberdata.net/products/voip/digitalanalog/pagingampv2/docs.html>
- Create a plan for the locations of your paging amplifiers.
- Prior to installation, consult local building and electrical code requirements.

Paging Amplifier Parts

(1) Assembly	(1) Wall Mounting Kit
	(2) Plastic Ribbed Anchors (2) #6 Sheet Metal Screws

Contacting CyberData

<b>Corporate Headquarters</b>	Sales: (831) 373-2601 ext. 334 Support: 831-373-2601 ext. 333 Web: <a href="http://www.cyberdata.net/support/contactsupportvoip.html">http://www.cyberdata.net/support/contactsupportvoip.html</a> RMA Dept: (831) 373-2601 ext. 136 Email: <a href="mailto:RMA@CyberData.net">RMA@CyberData.net</a> RMA Status: <a href="http://www.cyberdata.net/support/rmastatus.html">http://www.cyberdata.net/support/rmastatus.html</a>
CyberData Corporation 3 Justin Court Monterey, CA 93940, USA Phone: 831-373-2601 Fax: 831-373-4193 <a href="http://www.CyberData.net">www.CyberData.net</a>	Warranty and RMA information is available at the following website: <a href="http://www.cyberdata.net/support/warranty/index.html">http://www.cyberdata.net/support/warranty/index.html</a>



**DIP Switches**

**RTFM Switch**

To broadcast a Paging Amplifier'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 Paging Amplifier announce the words, "restoring defaults" and "rebooting".
2. Release the RTFM switch. The Paging 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)**

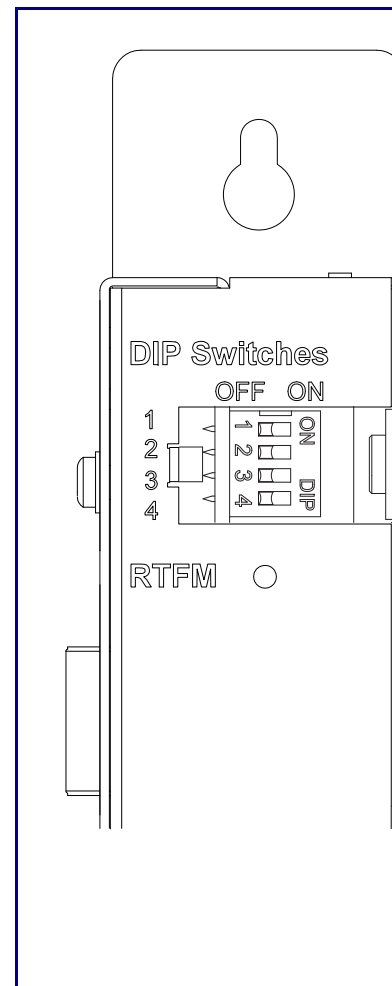
A steady LED confirms that the Paging Amplifier is operational. The LED will blink during a page when it is online.

**Network Activity LED (GREEN)**

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

**Speaker Volume**

DIP Switch Settings



**DIP Switch Settings—Low Power—802.3af Compliant (Default)**

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 <b>LOW</b> .
4	OFF	Low gain amplifier setting.

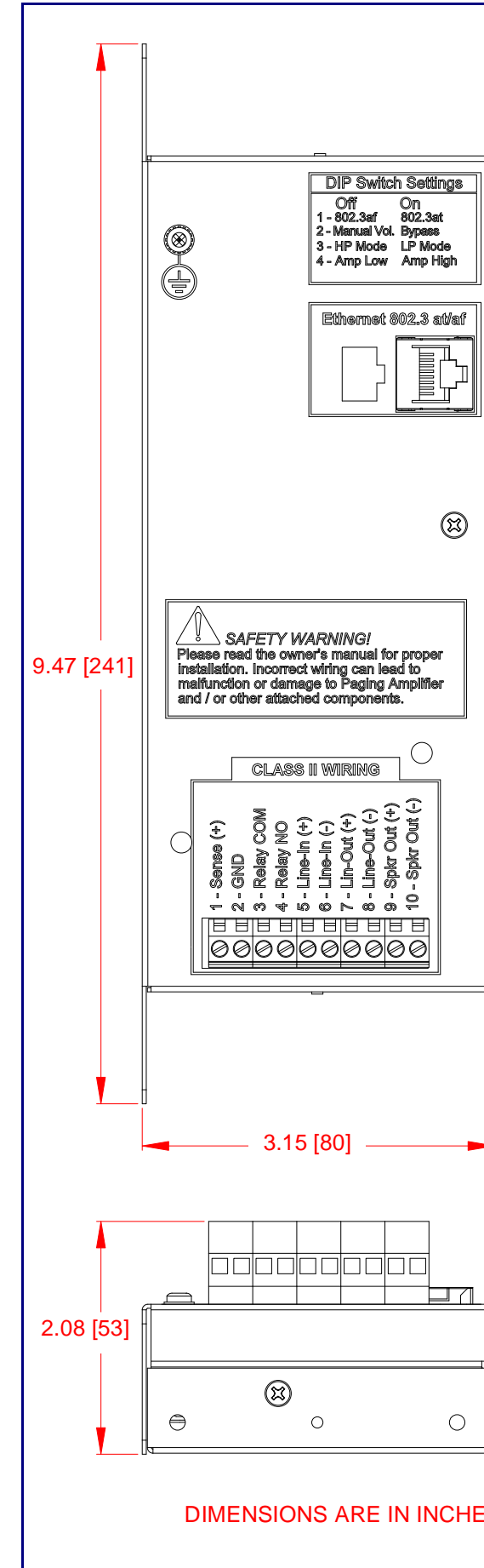
**DIP Switch Settings—High Power—802.3at Compliant<sup>a</sup>**

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 <b>HIGH</b> .
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	<b>Manual Vol.</b> The speaker volume is set manually by the analog volume trimmer.
2	ON	<b>Bypass.</b> Bypasses the manual volume control of the analog volume trimmer and uses the web page volume settings.



9.47 [241]

3.15 [80]

2.08 [53]

**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**

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

**DIP Switch Settings**

Off	On
1 - 802.3af	802.3at
2 - Manual Vol. Bypass	
3 - HP Mode	LP Mode
4 - Amp Low	Amp High

Ethernet 802.3 at/af

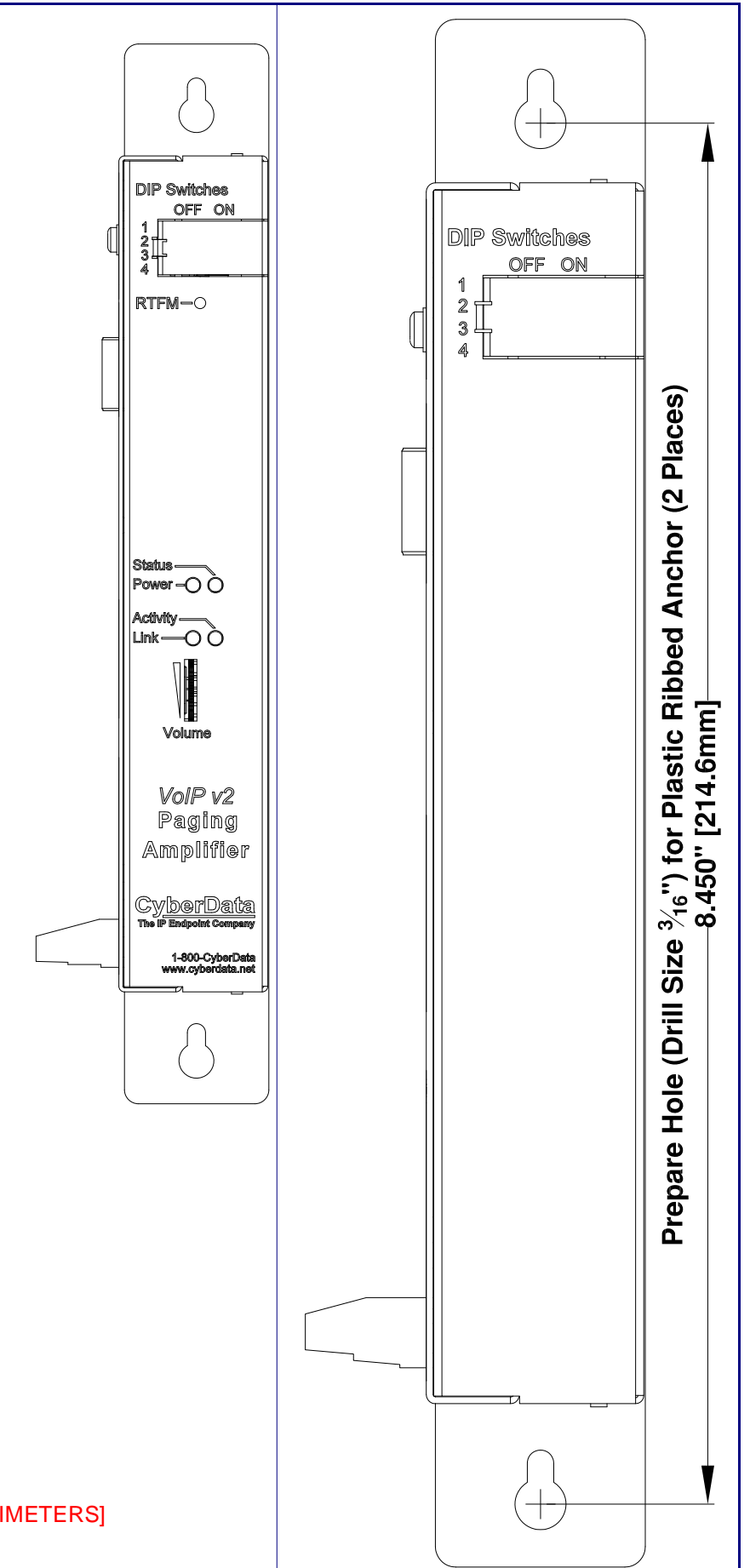
Volume

VoIP v2  
Paging  
Amplifier

CyberData  
The IP Endpoint Company

1-800-CyberData  
www.cyberdata.net

**DIMENSIONS ARE IN INCHES [MILLIMETERS]**



Prepare Hole (Drill Size 3/16") for Plastic Ribbed Anchor (2 Places)

8.450" [214.6mm]

DIP Switches OFF ON

RTFM

Status Power

Activity Link

Volume