## Mounting

You have the option to use the following mounting template to mark, and then drill two 3/16" (0.1875") holes for the mounting anchors.

To install and mount the V2 Paging Server:

1. Install the mounting anchors in the holes, and position the V2 Paging Server mounting holes over the anchors.

2. Use the two #6 sheet metal screws to secure the V2 Paging Server onto the mounting surface.

← 3.500 →

Hole size for Anchor installation: 3/16" (0.1875")
Screws: #6 x 1-1/2" Screw
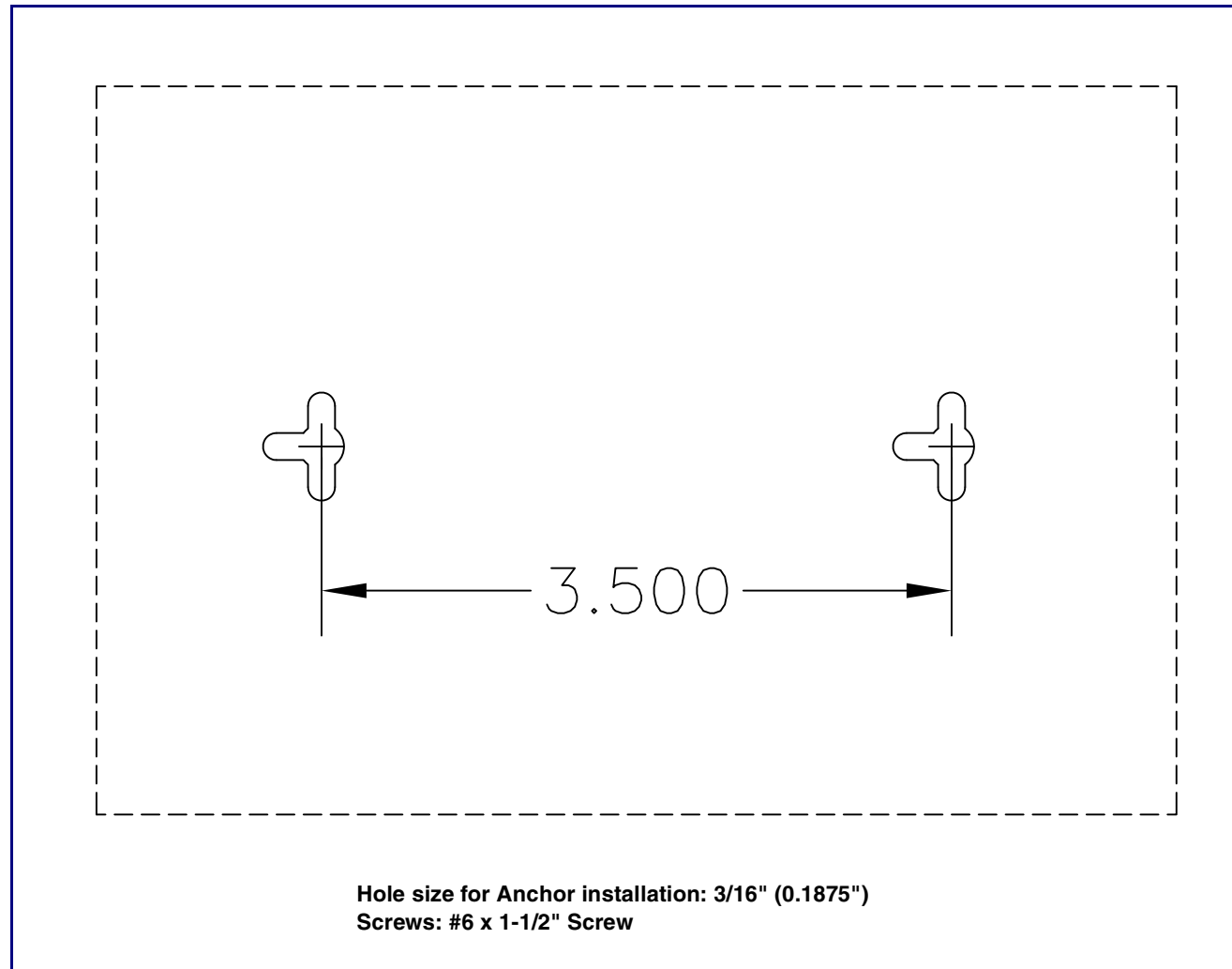
Contacting CyberData

Corporate Headquarters

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Phone: 831-373-2601
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RMA Dept: (831) 373-2601 ext. 136
Email: RMA@CyberData.net
RMA Status: **http://www.cyberdata.net/support/rmastatus.html**

Warranty and RMA information is available at the following website:
http://www.cyberdata.net/support/warranty/index.html

CyberData
The IP Endpoint Company

Installation Quick Reference
VoIP V2 Paging Server
SIP Compliant
011092

The VoIP V2 Paging Server enables access to existing paging speakers through a VoIP phone system. This interface uses a standard paging amplifier, and supports paging to multiple zones from a VoIP phone.

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.

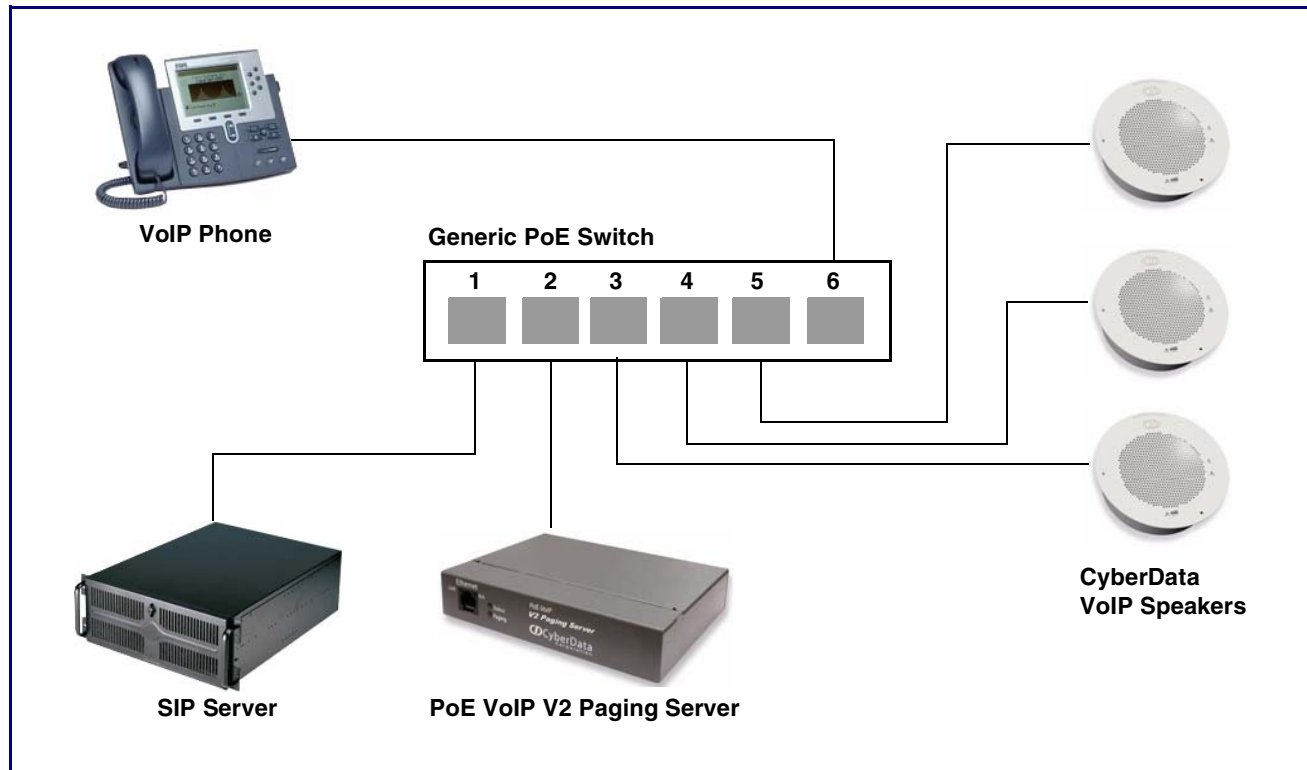| Spefication Category	Specification
Line In:	
Input Signal Amplitudes	2.0 VPP maximum
Input Impedance	10k Ohm
Line Out:	
Output Signal Amplitudes	2.0 VPP maximum
Output Level	+2dBm nominal
Total Harmonic Distortion	0.5% maximum
Output Impedance	10k Ohm

Getting Started

- Be sure that you have received all the parts described in the Parts List section.
- Download the *VoIP V2 Paging Server Operations Guide* at the following website:
  http://www.cyberdata.net/products/voip/digitalanalog/pagingserverv2/docs.html

Parts List

(1) VoIP V2 Paging Server	(1) Mounting Template (see the last page)	(1) Mounting Kit
	←3.500→	(2) #6 Mounting Anchors (2) #6 x 1 1/2" Screws
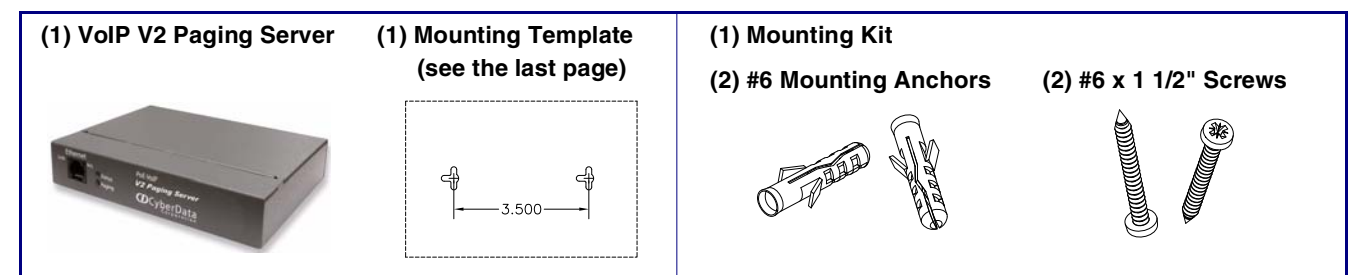
Typical Paging System Setup Using the V2 Paging Server

VoIP Phone

Generic PoE Switch
1 2 3 4 5 6

CyberData VoIP Speakers

SIP Server   **PoE VoIP V2 Paging Server**

Setting Up the VoIP V2 Paging Server

PoE

Non PoE (with 48 VDC power supply)

48V DC

Chassis Ground

Chassis Ground

To set up the V2 Paging Server, connect the device to your network:

Poe

- For **PoE**, plug one end of an 802.3af Ethernet cable into the V2 Paging Server Ethernet port. Plug the other end of the Ethernet cable into your network. See the figure on the left.

Non-Poe

- For **Non-PoE**, connect the V2 Paging Server to a **48VDC power supply**. See the figure on the left.

Chassis Ground

- If required, connect the earth grounding wire to the **Chassis Ground**. See the figure on the left.

Verifying Operations and Settings

Front View with LEDs

Link
(**GREEN**/**AMBER** LED)

Activity
(**GREEN** LED)

Status
(**GREEN**/**BLUE** LED)

Paging
(**GREEN** LED)

- The round, **GREEN**/**BLUE** **Status** LED on the front of the V2 Paging Server comes on indicating that the power is on. Once the device has been initialized, this LED blinks at one second intervals.

- The square, **GREEN**/**AMBER** **Link** LED above the Ethernet port indicates that the network connection has been established. The Link LED changes color to confirm the auto-negotiated connection speed:
  - The Link LED is **GREEN** at 10 Mbps.
  - The Link LED is **AMBER** at 100 Mbps.

- The **GREEN** **Paging** LED comes on after the device is booted and initialized. This light blinks when a page is in progress. You can disable **Beep on Initialization** on the **Device Configuration** page.

- The square, **GREEN** **Activity** LED blinks when there is network traffic.

Back View with RTFM Switch

To restore the V2 Paging Server's factory default settings:

1. Press and hold the **RTFM** switch while all the indicator lights turn off.

2. Continue to press and hold the switch until after the indicator lights turn back on, and then release the switch.

3. All V2 Paging Server settings are restored to the factory defaults, and the unit reboots.

RTFM Switch   RCA Line In   RCA Line Out   48 VDC