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

To install and mount the SIP Paging Adapter:
1. Install the mounting anchors in the holes, and position the SIP Paging Adapter mounting holes over the anchors.
2. Use the two #6 sheet metal screws to secure the SIP Paging Adapter onto the mounting surface.

Drill Hole Size for Anchor Installation: 3/16-inch (0.1875-inch)

Dimensions

Getting Started
• Be sure that you have received all the parts described in the Parts List section.
• Download the Operations Guide at the following website: http://www.cyberdata.net/voip/011233/
• WARNING: This product should be installed by a licensed electrician according to all local electrical and building codes.
• WARNING: To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
• WARNING: The PoE connector is intended for intra-building connections only and does not route to the outside plant.
• WARNING: This enclosure is not rated for any AC voltages!

Parts List

(1) Mounting Kit
(1) SIP Paging Adapter
(1) Mounting Template
(2) #6 x1.25-inch, PanHead, Phillips Sheet Metal Screw
(2) Plastic Anchors

Contacting CyberData

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RMA Department: (831) 373-2601 ext. 136
RMA Email: RMA@CyberData.net
RMA Status: http://support.cyberdata.net/
Warranty Information: http://support.cyberdata.net/

Parameter | Factory Default Setting
---|---
IP Addressing | DHCP
IP Address | 10.10.10.10
Web Access Username | admin
Web Access Password | admin
Subnet Mask | 255.0.0.0
Default Gateway | 10.0.0.1

a. Default if there is not a DHCP server present.
Verifying Operations and Settings

When you plug in the Ethernet cable or power supply:

- The **GREEN/BLUE** Status LED and the **GREEN** Paging LED both blink at a rate of 10 times per second during the initial network setup.
- The round, **GREEN/AMBER** Status LED on the front of the SIP Paging Adapter 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 LED blinks when a page is in progress. You can disable **Beep on Initialization** on the Device Configuration page.

RCA Line In
RCA Line Out
Page Port Output Power

**Page Port Output Connections**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fault Sense Input (Common)</td>
</tr>
<tr>
<td>2</td>
<td>Fault Sense Input (Sense)</td>
</tr>
<tr>
<td>3</td>
<td>Positive 600-Ohm Audio Output&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>4</td>
<td>Negative 600-Ohm Audio Output&lt;sup&gt;a&lt;/sup&gt;</td>
</tr>
<tr>
<td>5</td>
<td>Audio Ground Reference</td>
</tr>
<tr>
<td>6</td>
<td>Relay Contact - Common&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>7</td>
<td>Relay Contact - Normally Open&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

- A. The 600-Ohm audio output of the page port is also suited for interfaces with lower input impedances.
- B. 1 Amp at 30 VDC for continuous loads

RTFM Switch

To restore the factory default settings:

1. Press and hold the **RTFM** switch while all the indicator lights turn off.
2. Continue to press the switch until after the indicator lights turn back on, and then release the switch.
3. All SIP Paging Adapter settings are restored to the factory defaults, and the unit reboots.

To announce the IP address:

1. Briefly press and then quickly release the **RTFM** switch.

**Note:** The IP address announcement can be heard if a speaker or amplified speaker is connected to the unit.

Setting Up the SIP Paging Adapter

**PoE**

- To set up the device, connect the device to your network:

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

**Non-PoE with 48 VDC Power Supply**

- For Non-PoE, connect the SIP Paging Adapter 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.

**Non-PoE**

- For Non-PoE, connect the SIP Paging Adapter 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.

**Typical Configuration**

**Music Source**

Line In (RCA, 8k)

RCA HiZ Lineout

10k Ohm 2x PP

**Analog Amplifier**

Analog Horns/Speakers

600 Ohm Page Port Out

**Page Start Relay Output**

Fault Sense Input

**Analog Amplifier**

Analog Horns/Speakers

PoE Network Cable

SIP Paging Adapter (Back View)