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.

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/products/voip/legacyanalog/sippagingadapter/docs.html](http://www.cyberdata.net/products/voip/legacyanalog/sippagingadapter/docs.html)
- **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 x 1.25-inch, PanHead, Phillips Sheet Metal Screw
  - (2) Plastic Anchors

### Contacting CyberData

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**RMA Status:** [http://www.cyberdata.net/support/rmastatus.html](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](http://www.cyberdata.net/support/warranty/index.html)
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** Link 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.

Setting Up the SIP Paging Adapter

**PoE**

To set up the SIP Paging Adapter, connect the device to your network:
- **PoE**
  - 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**: 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.

Connections

**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>

<sup>a</sup> The 600-Ohm audio output of the page port is also suited for interfaces with lower input impedances.

<sup>b</sup> 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.

**Typical Configuration**

**Music Source**

**RCA HiZ Lineout 10k Ohm 2x PP**

**Line In (RCA, 8K)**

**Analog Amplifier**

**Analog Horns/Speakers**

**Analog Amplifier**

**600Ohm Page Port Out**

**Page Start Relay Output**

**Fault Sense Input**

**SIP Paging Adapter (Back View)**

**IP to Analog Paging**

**Analog Horns/Speakers**

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