

Contacting CyberData

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**CyberData**  
The IP Endpoint Company

Installation Quick Reference

SIP Paging Amplifier

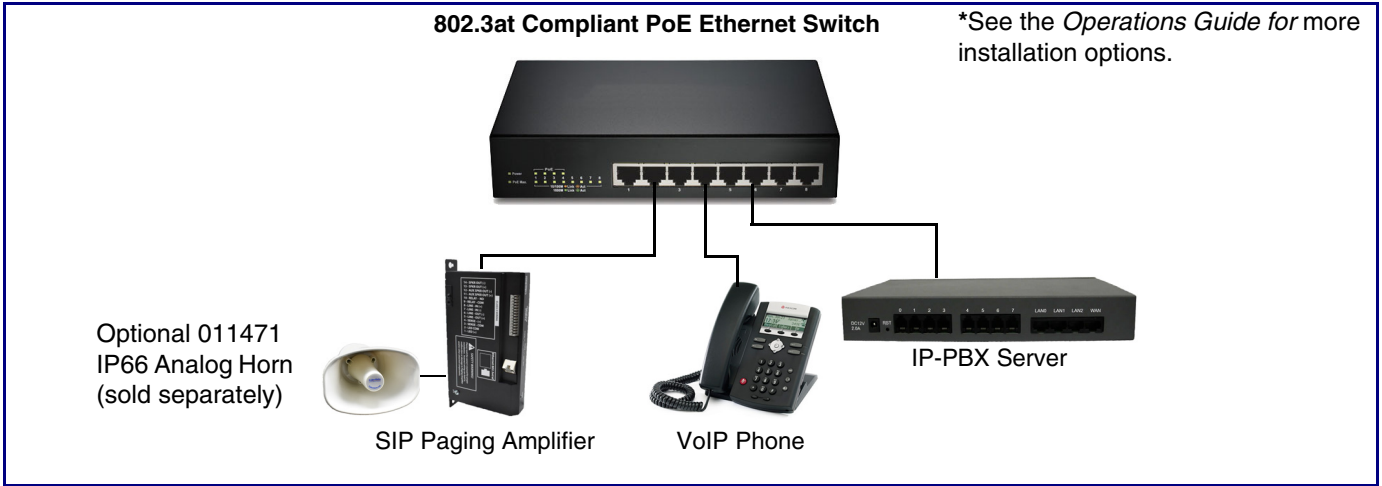
**011324**



Parameter	Factory Default Setting
IP Addressing	DHCP
IP Address <sup>a</sup>	192.168.1.23
Web Access Username	admin
Web Access Password	admin
Subnet Mask <sup>a</sup>	255.255.255.0
Default Gateway <sup>a</sup>	192.168.1.1

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

Typical System Installation



Getting Started

- Download the *Operations Guide* PDF file from the **Documents** tab at the following webpage: <https://www.cyberdata.net/products/011324>
- Create a plan for the locations of your paging amplifiers.
- **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:** The SIP Paging Amplifier enclosure is not rated for any AC voltages!

Parts

**(1) Assembly**

**(1) Screw Accessory Kit**

(2) Plastic Ribbed Anchors

(2) Size 8 x 1-inch Extra-Wide Rounded Head Drilling Screws

**Power (PWR) LED (GREEN/BLUE)**  
The **Power (PWR)** LED is:  
**GREEN** in low power mode (802.3af)  
**BLUE** during high power mode (802.3at).

**Link/Network Activity (Link/Act.) LED (GREEN)**  
The **GREEN** Link/Network Activity (Link/Act.) LED blinks to indicate network traffic.

**Status LED (GREEN)**  
The **GREEN** Status LED illuminates after supplying power to the device.

The diagram shows the front panel of the Paging Amplifier. On the left is the RTFM switch. To its right are three LED indicators: Link / Act., Power, and Status. The device is labeled 'Paging Amplifier' and 'CyberData The IP Endpoint Company'.

**RTFM Switch**

To broadcast the device'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 for several seconds.
2. Release the RTFM switch. The device will be restored to the factory default settings, and will announce "restoring defaults" and "rebooting."

\*See the Operations Guide for more information about the features in this section.

Strobe and 24 VDC Auxiliary Power Connections

**24 VDC Auxiliary Power Source Connections**

**Strobe Connections**

The diagram shows the internal terminal block of the device. A red arrow points to the terminal block, which is labeled with '24 VDC Auxiliary Power Source Connections' and 'Strobe Connections'. A screw is shown above the terminal block.

\*See the Operations Guide for more information about the connections in this section.

**14 - SPKR OUT (-)**  
**13 - SPKR OUT (+)**  
**12 - AUX SPKR OUT (-)**  
**11 - AUX SPKR OUT (+)**  
**10 - RELAY - NO**  
**9 - RELAY - COM**  
**8 - LINE - IN (+)**  
**7 - LINE - IN (-)**  
**6 - LINE - OUT (-)**  
**5 - LINE - OUT (+)**  
**4 - SENSE - (+)**  
**3 - SENSE - COM**  
**2 - LED COM**  
**1 - LED (+)**

**CLASS II WIRING**

**Speaker Connections\***  
\*See the Operations Guide for diagrams and information about the connections in this section.

**Relay Connection**

**Line-In Connection**

**Line-Out Connection (10K Ohm)**

**Sensor Connection**

**Relay Connection**

The diagram shows an external device (such as an electric door strike or an LED strobe light) connected to the OUT terminal of a Solid State or Mechanical Relay. The relay is connected to the IN terminal of a High PIV Ultrafast Switching Diode. The diode is connected to the DC Power Supply (Max. 30 VDC @ 1A). The power source is labeled 'AC or DC Power Source'.

**Line-In Connection**

The diagram shows a music source connected to the Line-In connection of the Paging Amplifier. The device is labeled 'Optional 011471 IP66 Analog Horn (sold separately)'.

When line-in is enabled on the device, the audio received from the line-in connection will be played to the speaker(s) and line-out connection as the lowest priority audio.

**Sensor Connection**

The diagram shows a sensor connected to the Sensor Connection of the Paging Amplifier.