



Installation Quick Reference
VoIP V2 Paging Amplifier
SIP Compliant 011061



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

- 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.
- 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 VoIP V2 Paging Amplifier enclosure is not rated for any AC voltages!

Parts

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

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

DIP Switches
OFF ON
1 2 3 4

RTFM Switch

Power LED (GREEN/BLUE)
Status Power

Status LED (GREEN)
Activity Link

Network Activity LED (GREEN)

Network Link LED (GREEN/YELLOW)

Speaker Volume
Volume

VoIP v2
Paging
Amplifier

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.

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.

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

DIP Switch Settings

DIP Switches
OFF ON
1 2 3 4

RTFM

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 LOW .
4	OFF	Low gain amplifier setting.

DIP Switch Settings—High Power—802.3at Compliant^a

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 HIGH .
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	Manual Vol. The speaker volume is set manually by the analog volume trimmer.
2	ON	Bypass. 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]

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

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 (-)

DIMENSIONS ARE IN INCHES [MILLIMETERS]

8.450" [214.6 mm]

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

DIP Switches
OFF ON
1 2 3 4

RTFM

Status Power

Activity Link

Volume

VoIP v2
Paging
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CyberData
The IP Endpoint Company

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