Dimensions

CLASS II WIRING

MIC IN
3
2
1

STROBE
5
4
3
2
1

⚠ 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

Mono(+)/Left Spkr (+) - 12
Left Spkr (-) - 11
Right Spkr (+) - 10
Mono(-)/Right Spkr (-) - 9
Line-Out (+) - 8
Line-Out (-) - 7
Line-In (-) - 6
Line-In (+) - 5
Relay COM - 4
Relay NO/NC - 3
Door Sense/Button Common (GND) - 2
Door Sense/Button Contact (+) - 1

www.cyberdata.net

VoIP Loudspeaker Amplifier
RTFM

Volume

SPD Link/Act.
PWR Status

Ethernet 802.3at/af

CyberData
The IP Endpoint Company

ø0.172 [ø4.4]
(2 Places)

7.795 [198.0]

7.303 [185.5]

0.326 [8.3]
1.042 [26.5]

3.295 [83.7]

Dimensions are in Inches [Millimeter]

Syn-Apps
Notification. Unified.

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.

Typical System Installation

Compliant PoE Ethernet Switch

Syn-Apps enabled Paging Amplifier

VoIP Phone

SA Announce Server
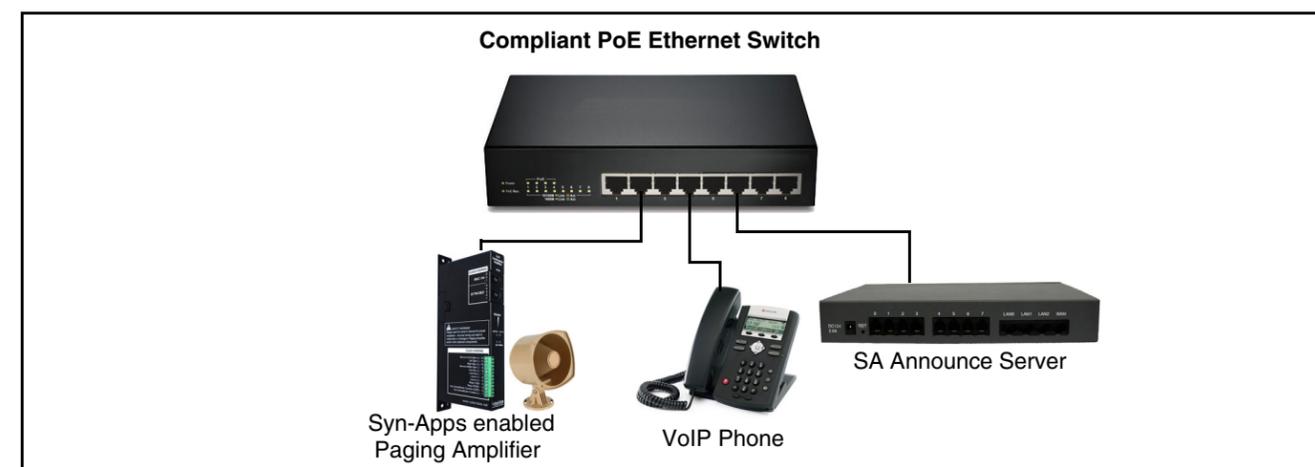
Parts

(1) Assembly	**(1) Screw Accessory Kit**	
	(2) Plastic Ribbed Anchors 	(2) #6x1.25" Pan Head Phillips Sheet Metal Screw

Contacting Syn-Apps

Features

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 until you hear the device announce the words, "restoring defaults" and "rebooting".

2. Release the RTFM switch. The device will be restored to the factory default settings.

Speaker Volume

Speed (SPD) LED (AMBER)
The **Speed (SPD)** LED illuminates **AMBER** for a 100Mb link or is off for a 10MB link when the network link to the device is established.

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

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

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

Connection Options

CLASS II WIRING

Terminal	
Mono(+)/Left Spkr (+) - 12	
Left Spkr (-) - 11	
Right Spkr (+) - 10	
Mono(-)/Right Spkr (-) - 9	
Line-Out (+) - 8	
Line-Out (-) - 7	
Line-In (-) - 6	
Line-In (+) - 5	
Relay COM - 4	
Relay NO/NC - 3	
Door Sense/Button Common (GND) - 2	
Door Sense/Button Contact (+) - 1	

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

Line-Out Connection (10K Ohm)

Line-In Connection

Relay Connection

Sensor Connection

Relay Connection

External device such as an electric door strike or an LED strobe light

Solid State or Mechanical Relay

High PIV Ultrafast Switching Diode

Paging Amplifier

OUT

IN

AC or DC Power Source

Output Contacts AC or DC-rated depending upon controlled device requirements

DC Power Supply (Max. 30 VDC @ 1A)

Line-In Connection

Paging Amplifier

Music Source

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

Paging Amplifier