VIP-428A
IP PoE SPEAKER WITH SQUARE FACEPLATE

INTRODUCTION

The VIP-428A IP PoE Speaker with Square Faceplate enables voice access to a single zone of paging over an IP-based LAN/WAN. This allows a page zone extension anywhere on the network. The enclosure is made of steel with a durable white powder coated finish. The color of the enclosure can easily be changed to match any decor. Power is provided to the Vip-428A via a Power over Ethernet (PoE) switch meeting the 802.3af specification.

SPECIFICATIONS

Access Methods

- PBX, FXO Port w/VIP-801x
- POTS telephone set w/VIP-801x
- PBX, FXS Port w/VIP-802x
- Valcom M Cast Page Group
- SIP telephone system

Features

- Single RJ-45 network connection
- Power over Ethernet (PoE) 802.3af compatible
- High Efficiency Class-D Amplifier
- Software Volume Control

DIMENSIONS/WEIGHT

- 11.5" H x 11.5" W x 3.7" D
  (29.2 cm x 29.2 cm W x 11.4 cm)
- Weight: 4.25 LBS (1.91 kg)

Environment

Temperature: 0 to +40° C
Humidity: 0 to 85% non-precipitating
PSE (Power Sourcing Equipment) to be compliant to IEEE 802.3af

Packing List

Qty.	Item
1	VIP-428A
1	VSP Document

INSTALLATION

FCC Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at his own expense.
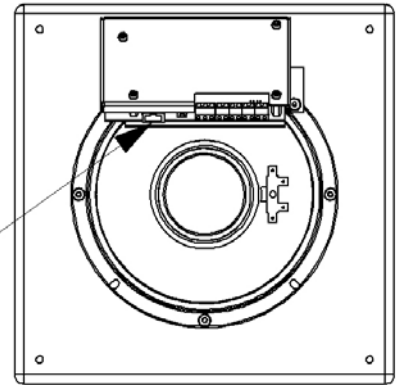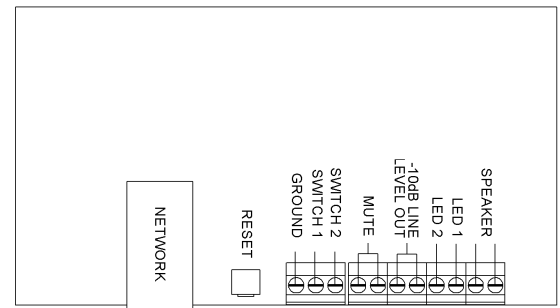
Figure 1. Network Connection

Figure 2. Connections

Network Connection

The VIP-428A has one RJ-45 network connector on the rear panel. Use a standard patch cable and connect the VIP-428A to an Ethernet switch. (See Figure 1)

MUTE OUT CONNECTION

The Mute Out may optionally be connected to the mute input of Valcom Classroom audio management systems in order to suspend locally originated classroom audio during intercom announcements.

LED Connection

LED 1 (+) and LED 2 (-) is a current limited output designed to illuminate an optional LED. The LED is intended to provide visual indication of call progress. The LED illumination will flash when the call switch is pressed and will continue to flash until the call is answered. The LED illumination will be solid when a connection to the unit is established

-10 dB Line Level Out Connection

The -10dBm Line Level Out may be connected to up to 40 Valcom Self Amplified Speakers in order to provide additional sound reinforcement in an area.
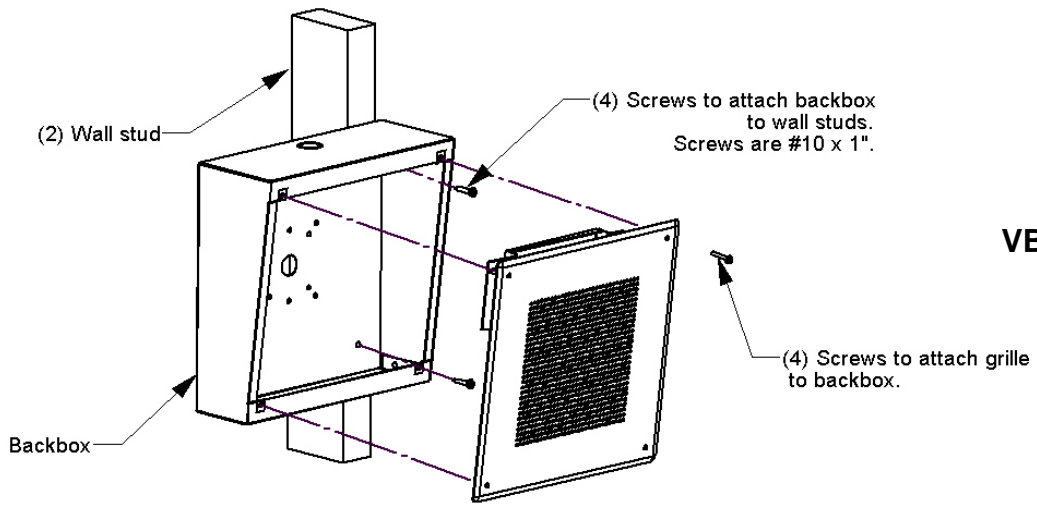
Call Switch Connection

The VIP-428A provides a call switch input via screw terminal connections, labeled Switch 1 and Ground.
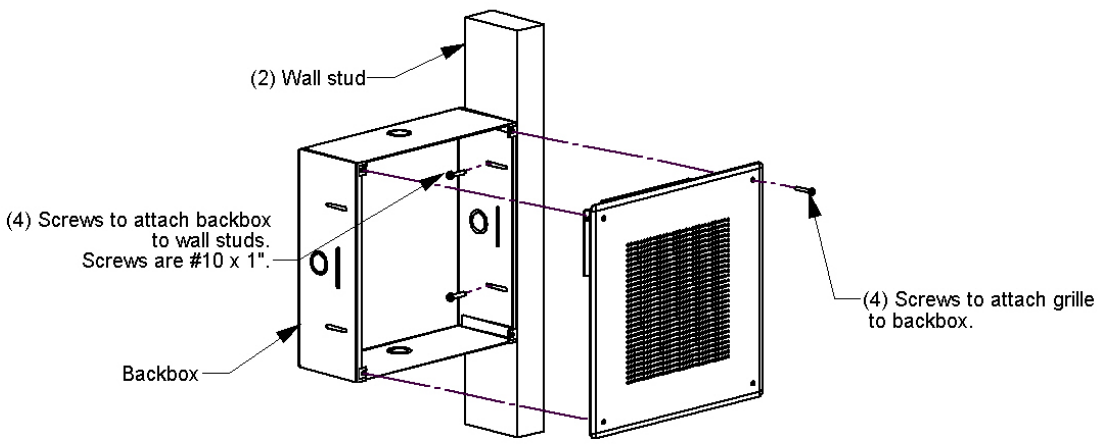
Setup

Information specific to your application will need to be programmed into the VIP-428A using a computer. The PC used for programming should be connected to the same subnet as the VIP-428A. Setup will be done using the IP Solutions Setup Tool. The IP Solutions Setup Tool may be downloaded from the Valcom website at www.valcom.com.
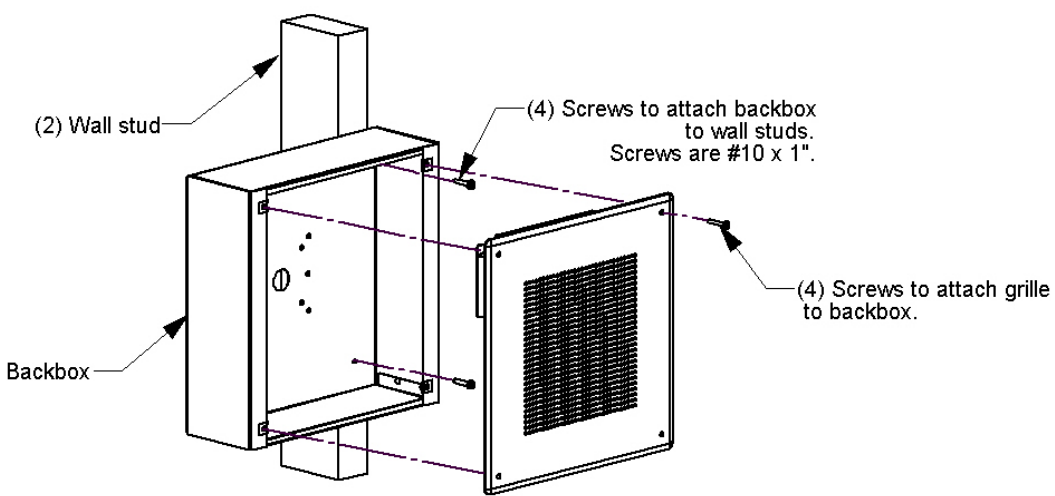
Mounting

Valcom offers three backboxes (not included) for mounting the VIP-428A speaker. The VB-S11 (surface mount), VB-A13 (angled surface mount) and VB-R12 (recess mount) are all designed to fit the VIP-428A. Mount the backbox according to the instructions provided with the backbox. After mounting the backbox, connect the Ethernet cable to the RJ-45 jack on the speaker. Mount the speaker baffle to the backbox with the hardware provided.

(2) Wall stud

(4) Screws to attach backbox
to wall studs.
Screws are #10 x 1".

VB-A13

(4) Screws to attach grille
to backbox.

Backbox

(2) Wall stud

(4) Screws to attach backbox
to wall studs.
Screws are #10 x 1".

VB-R12

(4) Screws to attach grille
to backbox.

Backbox

(2) Wall stud

(4) Screws to attach backbox
to wall studs.
Screws are #10 x 1".

VB-S11

(4) Screws to attach grille
to backbox.

Backbox

947808

TECHNICAL ASSISTANCE

When trouble is reported, verify power is being supplied to the unit and there are no broken connections. If a spare unit is available, substitute a spare unit for the suspected defective unit.

Assistance in troubleshooting is available from the factory. Call (540) 563-2000 and press 1 for Technical Support or visit our website at http"//www.valcom.com

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person and the nature of the problem. Send the unit to:

Valcom, Inc.
Repair & Return Dept.
5614 Hollins Road
Roanoke, Va. 24019-5056

Information provided is subject to change

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