🌿 Manuals+

☰

VALCOM VIP-422A IP Lay-in Ceiling Speaker Owner's Manual 📄

Contents [hide]

VALCOM

VALCOM VIP-422A IP Lay-in Ceiling Speaker

Technical Specifications

- **Speaker Element:** Cone diameter: 8-inch (20.32 cm), Voice coil impedance: 45 Ohms
- **Audio Output:** Rating: > 100 dB @ 4ft (1.22 m), Signal/noise ratio: -70, -10dBm line level out may be connected to up to 40 Valcom Self Amplified Speakers
- **Frequency Response:** 80 Hz to 15 kHz
- **Network:** 10/100 Mbps Ethernet port, Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup, Time and date synchronization using NTP
- **Power Requirements:** Power over Ethernet (POE) 802.3af compatible
- **Audio Codecs:** G.711 u-law, others
- **Protocols:** IETF SIP (RFC3261), IETF IGMP version 3 (RFC3376), IETF RTP (RFC1889), IETF RFC2833
- **Housing and Finish:** Steel housing with a white baked-on acrylic enamel finish
- **Dimensions and Weight:** 23.75in L x 23.75in W x 3.75in D (60.33cm x 60.33cm x 9.53cm), Weight: 5.50lbs (2.49kg), Shipping Weight: 10.30lbs (4.64kg)

Access Methods

- PBX, FXO Port w/VIP-811
- POTS telephone set w/VIP-811
- PBX, FXS Port w/VIP-821

- Valcom M Cast Page Group
- SIP–enabled telephone system

Features

- RJ-45 network connection
- Power over Ethernet (PoE) 802.3af compliant
- High Efficiency Class-D Amplifier

Environment

- **Temperature:** 0 to +40° C
- **Humidity:** 0 to 85% non-precipitating

INSTALLATION

- **Dimensions/Weight VIP-422A:** 23.75" L x 23.75" W x 3.75" D (60.33cm) x (60.33cm) x(9.53cm)
- **Weight:** 5.5 lbs. (2.49kg)

Packing List

Qty.	Item
1	Lay-in Ceiling Speaker
1	VSP Document

Product Usage Instructions

Installation

1. Ensure the power source is a Power over Ethernet (PoE) switch meeting the 802.3af specification.
2. Use the Valcom IP Solutions Setup Tool for the VIP422A setup.
3. Replace a 2ft x 2ft ceiling tile with the VIP-422A speaker.

Configuration

1. Connect the speaker to the network using the Ethernet port.
2. Set up the IP address either manually or via Dynamic Host Configuration Protocol (DHCP).
3. Synchronize time and date using NTP for accurate operations.

Usage

The VIP-422A Lay-In Ceiling Speaker delivers high-quality sound suitable for various environments such as classrooms, offices, and retail stores. Adjust the speaker output level during setup as needed for optimal performance.

INTRODUCTION

The VIP-422A Lay-In Talkback IP Ceiling Speaker enable voice access to a single zone of paging over an IP-based network. This allows a page zone extension anywhere on the network. The speaker output level is electrically adjusted during setup. The lay-in ceiling speaker grille is made of steel with a white baked enamel finish. The VIP-422A replaces a 2' x 2' ceiling tile. Power is provided to the unit via a Power over an Ethernet (PoE) switch meeting the 802.3af specification.

SETUP

Information specific to your application will need to be programmed into the VIP-422A using a computer. The PC used to programming should be connected to the same subnet as the VIP-422A. Setup will be done using the IP Solutions Setup Tool. Download the latest version of the free IP Solutions Setup Tool the Valcom web site at www.valcom.com/vipsetuptool.
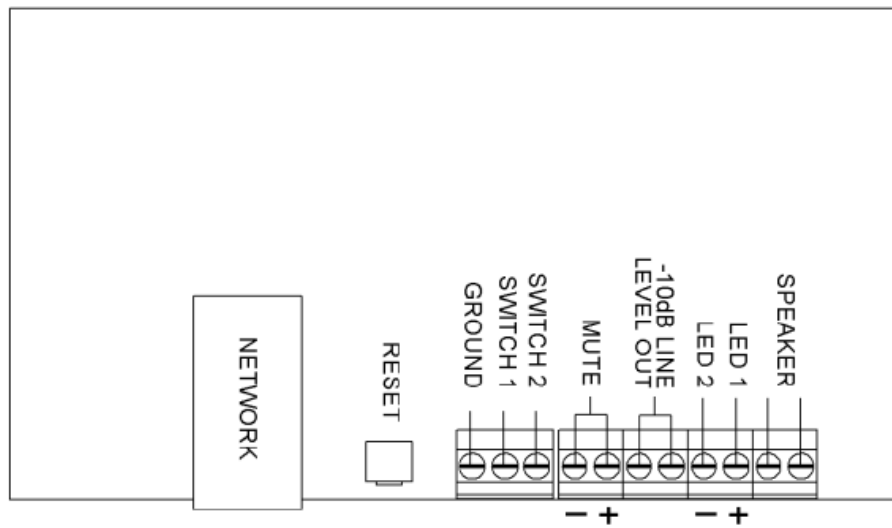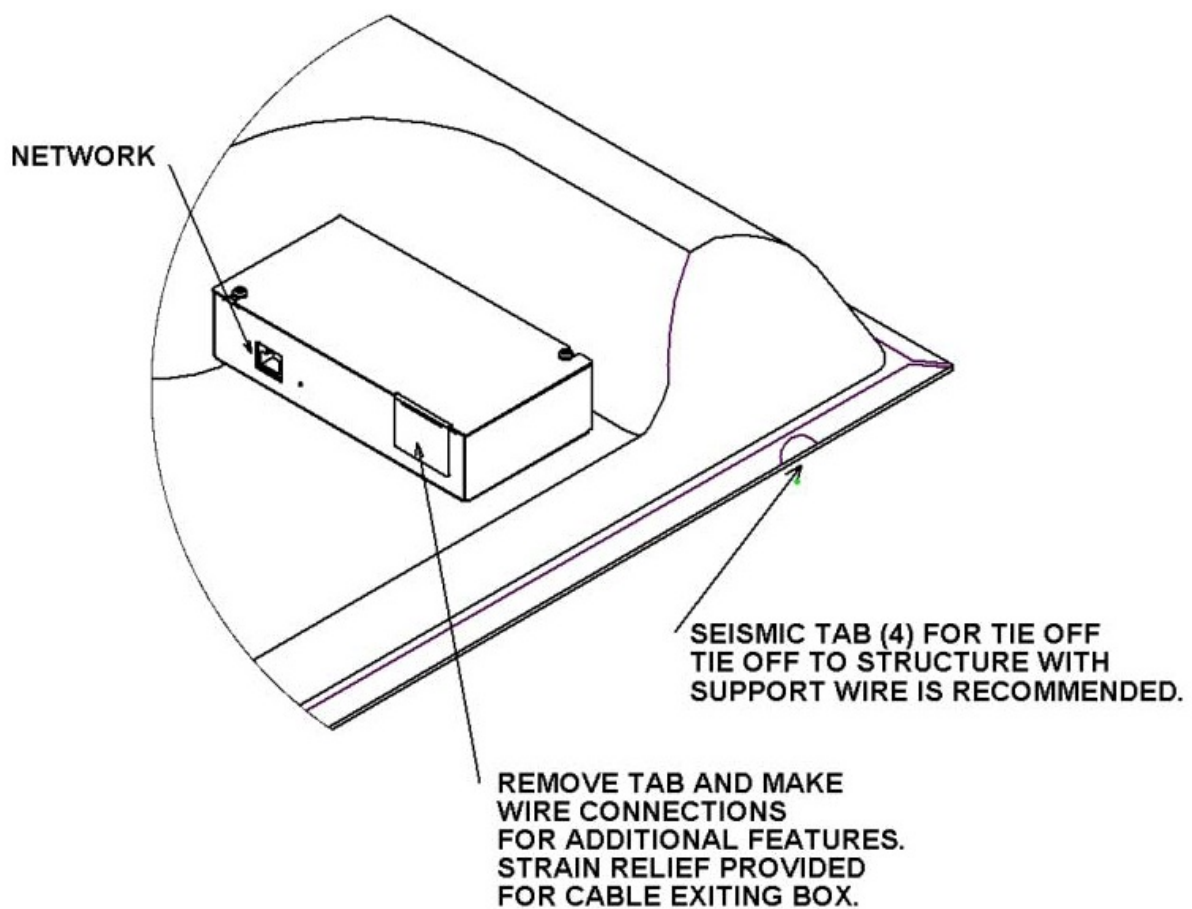
IP SPEAKER CONNECTIONS

FIGURE 1

NETWORK

SEISMIC TAB (4) FOR TIE OFF
TIE OFF TO STRUCTURE WITH
SUPPORT WIRE IS RECOMMENDED.

REMOVE TAB AND MAKE
WIRE CONNECTIONS
FOR ADDITIONAL FEATURES.
STRAIN RELIEF PROVIDED
FOR CABLE EXITING BOX.

- **Network Connection**

  The VIP-422A has one RJ-45 network connector on the rear panel. Use a standard Ethernet patch cable to connect the unit to an Ethernet switch.

- **Call Switch Connection**

  For IP Speakers using Talkback functionality, a call switch input via screw terminals is provided. Connect a momentary contact switch to Switch 1 and Ground.

- **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.

- **Mute Out Connection**

  The Mute Out may optionally be connected to the mute input of Valcom audio management systems in order to suspend locally originated audio during intercom announcements. (See Figure 1)

- **LED 1 and LED 2 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.

IMPORTANT SAFETY INFORMATION

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade and the third prong are provided for your safety. If the provided plug does not fit into your outlet consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the

cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for a long period of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way. Such as when the power supply cord or plug is damaged, liquid has been spilled, objects have fallen into the apparatus or the apparatus has been exposed to rain or moisture and does not operate normally or has been dropped.

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.

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 via email at support@valcom.com.
- When requesting assistance, you should include all available information. It is strongly suggested that you go to the web site and review the information at 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,

VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products only to the original purchaser, for its own use, to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. This Limited Warranty obligation shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim;
2. the defect is not the result of damage, misuse or negligence after the original shipment;
3. the product has not been altered in any way or repaired by others and that factory sealed units are unopened (a service charge plus parts and labor will be applied to units defaced or physically damaged);
4. freight charges for the return of products to Valcom are prepaid;
5. all units 'out of warranty' are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor).

This Limited Warranty is in lieu of and excludes all other warranties, expressed or implied and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation, maintenance, installation, removal or use of the product. The maximum liability of Valcom under this warranty is limited to the purchase price of the specific Product covered by the warranty.

Disclaimer

Except for the Limited Warranty provided herein, the product is provided "as-is" without any warranty of any kind whatsoever including, without limitation, any WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for

such damage should be filed with the carrier involved in accordance with the F.O.B. point.

Headquarters:

- Valcom, Inc. 5614 Hollins Road Roanoke, VA 24019-5056
- **Phone**: 540-563-2000
- **FAX**: 540-362-9800

FAQ

Q: How do I adjust the speaker output level?

A: The VIP-422A speaker output level can be electrically adjusted during setup using the Valcom IP Solutions Setup Tool.

Q: What is the warranty information for the VIP-422A speaker?

A: Warranty information can be found on the Valcom website at www.valcom.com/warranty.

Documents / Resources

VALCOM VIP-422A IP Lay-in Ceiling Speaker [pdf] Owner's Manual
VIP-422A, VIP-422A IP Lay-in Ceiling Speaker, IP Lay-in Ceiling Speaker, Ceiling Speaker, Speaker

References

- ❤ Valcom
- ❤ Warranty – Valcom
- User Manual

Related Posts

VALCOM VIP-422A-SA Lay In Talkback IP Ceiling Speaker User Manual

VIP-422A-SA Syn-Apps® Compliant LAY-IN TALKBACK IP CEILING SPEAKER

INTRODUCTION The VIP-422A-SA is a Syn-Apps Compliant Lay-In Talkback IP…

[speco technologies SPIPC6A IP 6 Inch Ceiling Speaker Instruction Manual](#)

speco technologies SPIPC6A IP 6 Inch Ceiling Speaker Instruction Manual Introduction Welcome Thank you for your choice of…

[TONMIND SIP-S01-M IP Ceiling Speaker User Guide](#)

TONMIND SIP-S01-M IP Ceiling Speaker Specifications Model: SIP-S02, SIP-S11/T/H/M, SIP-S21/H, SIP-S21T/M, SIP-S22, SIP-S22T Features: Compatible with VOIP SIP…

[Valcom V-1001 P-Tec Ceiling Speaker User Manual](#)

Valcom V-1001 P-Tec Ceiling Speaker When it comes to audio quality and versatility, the Valcom V-1001 P-Tec Ceiling…

🏷 Ceiling Speaker, IP Lay-in Ceiling Speaker, speaker, Valcom, VIP-422A, VIP-422A IP Lay-in Ceiling
📁 Valcom   Speaker

—Previous Post
VALCOM V-9021 Way Ceiling Speaker with Back Box Owner's Manual
Next Post—
VALCOM VIP-430A-IC InformaCast IP Metal Wall Speaker User Manual

___

Leave a comment

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment