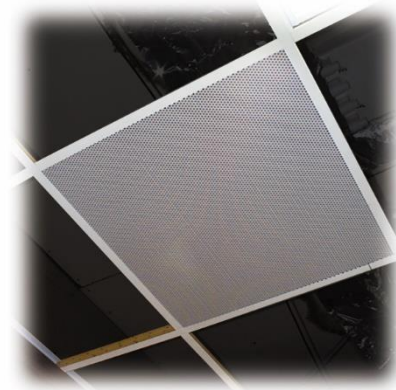


## VIP-402A-SA Syn-Apps® Compliant LAY-IN ONE-WAY IP CEILING SPEAKER



### SPECIFICATIONS

#### Access Methods

- Syn-Apps Server
- SIP – enabled telephone system

#### Features

- Power over Ethernet (PoE) 802.3af compliant
- High Efficiency Class-D Amplifier

#### Environment

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

#### Nominal Power Requirements

Via 802.3af (PoE) Ethernet Switch: Class 3

### INSTALLATION

#### Dimensions/Weight

- 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)

#### FCC Information

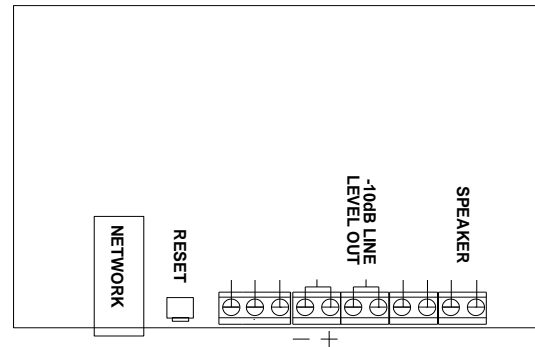
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates 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.

**IMPORTANT SAFETY INFORMATION  
CONSIGNES DE SÉCURITÉ IMPORTANTES**

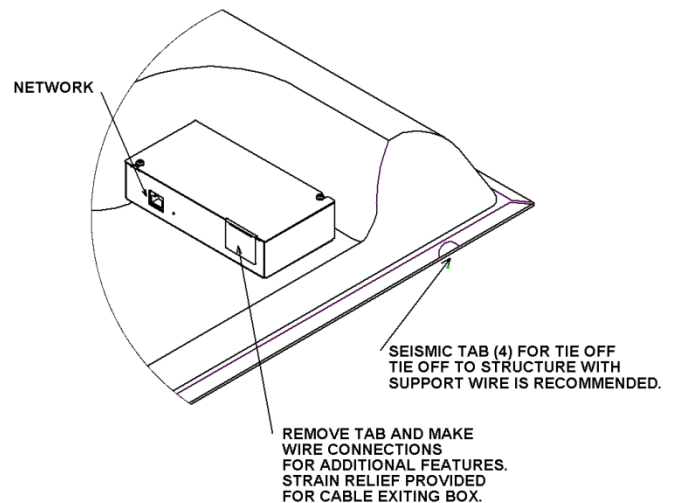
1. Read these instructions.  
Lisez ces instructions.
2. Keep these instructions.  
Conservez ces instructions.
3. Heed all warnings.  
Respectez tous les avertissements.
4. Follow all instructions.  
Suivez toutes les instructions.
5. Do not use this apparatus near water.  
Ne pas utiliser cet appareil près de l'eau.
6. Clean only with dry cloth.  
Nettoyer avec un chiffon sec.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.  
Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.  
Ne pas installer à proximité de sources de chaleur telles que radiateurs, registres de chaleur, poêles ou autres appareils (y compris les amplificateurs) produisant de la chaleur.
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.  
Ne pas contourner le dispositif de sécurité de la fiche polarisée ou de mise à la terre. Une fiche polarisée possède deux lames dont une plus large que l'autre. Une fiche de terre a deux lames et une troisième broche de mise à la terre. La lame large et la troisième broche sont fournies pour votre sécurité. Si la fiche fournie ne rentre pas dans votre prise, veuillez consulter un électricien pour le remplacement de la prise obsolète.
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.  
N'utilisez que des fixations / accessoires spécifiés par le fabricant.
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.  
Utilisez uniquement avec le chariot, stand, trépied, support ou table spécifié par le fabricant ou vendu avec l'appareil. Quand un chariot est utilisé, Soyez prudent lorsque vous déplacez l'ensemble chariot / appareil pour éviter des blessures dues au renversement.
13. Unplug this apparatus during lightning storms or when unused for a long period of time.  
Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant une longue période de temps.
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.  
Confiez toute réparation à un personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon. Par exemple lorsque le cordon d'alimentation ou la fiche est endommagé, du liquide a été renversé, si des objets sont tombés dans l'appareil ou le appareil a été exposé à la pluie ou à l'humidité et ne fonctionne pas normalement ou s'il est tombé.



**IP SPEAKER CONNECTIONS**



**FIGURE 1**



**Mounting**

The VIP-402A-SA is designed to directly replace a 2' X 2' ceiling tile.

**Network Connection**

The VIP-402A-SA has one RJ-45 network connector on the rear panel. Use a standard patch cable to connect the VIP-402A-SA to an Ethernet switch providing Power over Ethernet (PoE) meeting the 802.3af specification. If the switch does not provide power, a mid-span power injector may be used. (See Figure 1)

**-10 dB Line Level Out Connection**

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

**SETUP**

The VIP-402A-SA will automatically acquire an IP address (using DHCP) and connect to the Syn-Apps server when connected to the network and powered up. Information specific to your application will need to be programmed into the Syn-Apps server. Refer to the Syn-Apps documentation for further information.

## **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](mailto: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/syn-apps](http://www.valcom.com/syn-apps).

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**

## **WARRANTY**

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).