VALCOM IP Solutions

VIP-581A-IC
InformaCast® Compliant
IP FlexHorn Surface Mount

INTRODUCTION

The VIP-581A-IC InformaCast Compliant IP FlexHorn Surface Mount units enable loudspeaker voice paging anywhere on an Ethernet network. The VIP-581A-IC consists of a network-connected high efficiency horn, in a durable steel enclosure. Power is provided to the VIP-581A-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification.

SPECIFICATIONS

Access Methods

- Singlewire InformaCast Server
- SIP telephone system
- Valcom M Cast Page Group

Features

- Power over Ethernet (PoE) 802.3af compatible
- Angled surface mount
- Paintable grille and enclosure

Nominal Power Requirements

Via 802.3af (PoE) Ethernet Switch: Class 3

Dimensions/Weight

- 9.9" H x 12.2" W x 4.0" D (top) x 2.7" D (bottom)
  (25.2cm H x 30.9cm W x 10.2cm D (top) x 6.9cm D (bottom)
- Weight: 7.4 lbs. (3.4 kg)

Environment

Interior Installation only
Temperature: 0 to +40° C
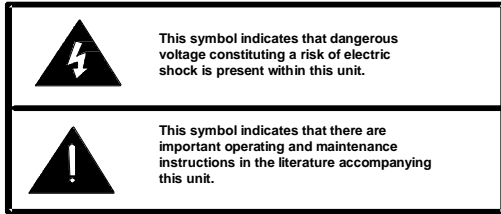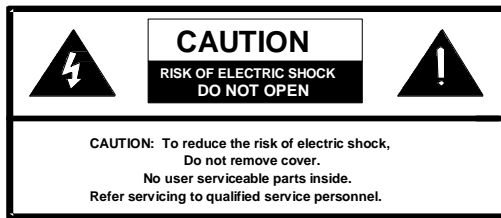Humidity: 0 to 85% non-precipitating

These products are intended for use with a UL Listed power source marked "Class 2" or "LPS" rated 24VDC, or 48VDC (PoE).
PoE and all interconnected ITE are intended for intra-building.

Precautionary Designations

- **WARNING-To Reduce The Risk Of Fire Or Electric Shock. Do Not Expose This Apparatus To Rain Or Moisture.**
- **AVERTISSEMENT - Afin de réduire les risques d'incendie ou de décharge électrique, évitez d'exposer le système à la pluie ou à l'humidité.**
- **Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.**
- **L'appareil ne doit pas être exposé à des égouttements et éclaboussures et aucun Objet Rempli de liquide, comme vase, ne doit être place sur l'appareil.**

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INSTALLATION
Mounting
The VIP-581A-IC is designed for surface mounting on a solid surface. Remove the grille from the backbox enclosure and disconnect the FlexHorn wire harness from the network interface board.

Pre-drilled 13/64" mounting holes in the back of the enclosure are designed to fit a single gang, double gang or octagon outlet box. If not attaching to an outlet box, use the enclosure as a template and mark the location of mounting holes. Depending on wall construction type, prepare the mounting hole locations on the wall to securely attach the enclosure. Insert Ethernet wiring through large hole in rear panel of enclosure and connect to the Ethernet RJ-45 socket. Use mounting hardware (not included) appropriate for the wall type to securely mount the enclosure to the wall or outlet box. With the enclosure securely mounted, reconnect the FlexHorn wiring harness to the network interface board and install the FlexHorn faceplate to the enclosure using the four screws provided.
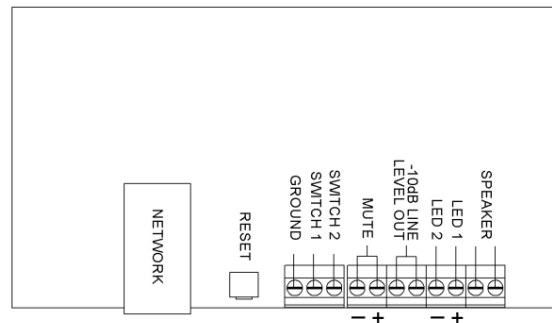

Figure 1.

Power Connections
The only method of powering a VIP-581A-IC IP FlexHorn is via a Power over Ethernet (PoE) network switch or power injector meeting the 802.3af specification.

Network Connection
The VIP-581A-IC has one Ethernet RJ-45 network connector on the circuit board. Connect an Ethernet patch cable from the network switch to the VIP-581A-IC Ethernet RJ-45 socket before attaching the grille to the enclosure.

Signal Connections
Signal connections from the network interface to the FlexHorn are provided through an attached wiring harness pre-wired at the factory. If the horn was disconnected while mounting the enclosure, reconnect the two-wire harness to screw terminals labeled SPEAKER on the network interface board before attaching the grille to the enclosure.

Status Indicator Lights
The VIP-581A-IC Network Interface has 2 status indicator lights on the RJ-45 Ethernet connector.

Green LED: (Link) Indicates Ethernet connection when illuminated.

Yellow LED: (Activity) Indicator flashes to indicate network activity.

Setup
The VIP-581A-IC will automatically acquire an IP address (using DHCP) and connect to the InformaCast server when connected to the network and powered up. Information specific to your application will need to be programmed into the InformaCast server. Refer to the InformaCast documentation for further Information.

TECHNICAL ASSISTANCE
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 follow the trouble resolution procedure 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

WARRANTY
Warranty information may be found on our website at www.vacom.com/warranty.