VIP-483
Vandal Resistant IP FlexHorn

INTRODUCTION

The VIP-483 Vandal Resistant IP FlexHorn enables loudspeaker voice paging anywhere on an Ethernet network. The VIP-483 consists of a high efficiency Class-D Horn and a Network Interface, allowing stand alone capability when used with a SIP telephone system or can be accessed from a variety of Valcom managed VoIP products. Power is provided to the VIP-483 via a Power over Ethernet (PoE) switch meeting the 802.3af specification.

SPECIFICATIONS

Access Methods

- SIP telephone system
- PBX, FXO Port w/VIP-811
- POTS telephone set w/VIP-811
- PBX, FXS Port w/VIP-821
- Valcom M Cast Page Group

Features

- RJ-45 for network connection
- Network activity LEDs
- Power over Ethernet (PoE) 802.3af compatible
- Vandal Resistant stainless steel faceplate

Dimensions/Weight

- 8.5" H x 11.0" W x 4.25" D
  (21.6cm H x 27.9cm W x 10.8cm D)
- Weight: 3.5 lbs. (1.6 kg)

Nominal Power Requirements

Via 802.3af (PoE) Ethernet Switch: Class 3

Environment

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

Packing List

Qty	Item
1	VIP-483 IP FlexHorn
1	VSP Document

Precautionary Designations

⚡	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN	⚠
	CAUTION: To reduce the risk of electric shock, Do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.	

⚡	This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.
⚠	This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

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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.

INSTALLATION

Operation

The VIP-483 provides IP loudspeaker paging access via network connection to customer telephone system or stand alone telephone set. Interface to customer telephone system can be via SIP registration, FXO or FXS port (with appropriate PBX connection and Valcom VIP-81x/82x).

Mounting

The VIP-483 is designed for flush mounting on a hollow surface or to a Valcom backbox. Using Figure 1 as a guide, cut a hole in the mounting surface large enough to allow recessing the FlexHorn into the wall. Next, drill mounting holes in the surface to align with the four mounting holes in the stainless steel grille. Using appropriate anchors and screws (not included), mount the VIP-483 to the surface. Alternatively, Valcom backbox model VB-R16 is available for mounting this model.

Power Connections

The only method of powering a VIP-483 Network Interface is via a Power over Ethernet (PoE) network switch or power injector meeting the 802.3af specification.

Network Connection

The VIP-483 has one Ethernet network connector on the circuit board. Use a standard Ethernet patch cable to connect the Ethernet connector of the VIP-483 to an Ethernet switch.

Signal Connections

Signal connections from the network interface to the FlexHorn are pre-wired at the factory. No further connections are required.

Status Indicator Lights

The VIP-483 Network Interface has 2 status indicator lights on the RJ-45 Ethernet connector. One LED (left corner) indicates Link when lit, the other LED flashes to indicate network activity.

Setup

Information specific to your application will need to be programmed into the VIP-483 using a computer. The PC used for programming should be connected to the same subnet as the VIP-483.

Setup will be done using the IP Solutions Setup Tool. The IP Solutions Setup Tool may be downloaded from the Valcom web site at http://www.valcom.com.

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.
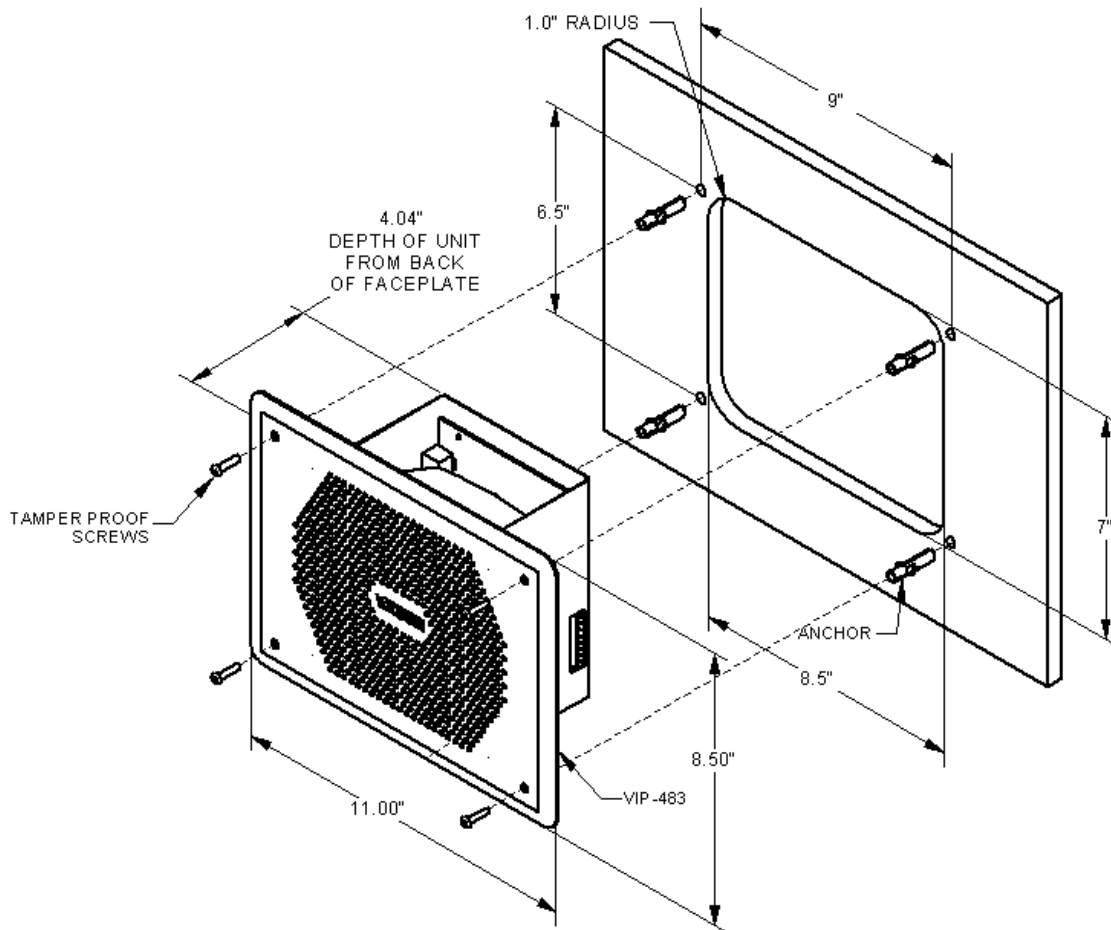**5614 Hollins Road**
Roanoke, Va. 24019-5056

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FIGURE 1. MOUNTING