VALCOM IP Solutions

VIP-997
INTERIOR / EXTERIOR IP STROBE

INTRODUCTION

The VIP-997 Interior/Exterior IP Strobe private mode notification appliance provides bright strobe functionality with both power and activation provided by the IP network. Multiple strobes may be synchronized to flash in unison.

SPECIFICATIONS
Features

• Cost effective and versatile solution to applications requiring visual alerts or strobes
• Power over Ethernet (PoE) 802.3af compatible
• Night Ring functionality in conjunction with other Valcom IP speakers
• Synchronized strobing when used with additional VIP-997 strobes

Activation Methods

• Valcom Group Page
• SIP Phone Call

Dimensions / Weight

• 9.0"H x 7.8"W x 5.5"D
 (22.86cm H x 19.8cm W x 13.97cm D)
• 3.3 lbs. (1.5 kg)

Nominal Power Requirements

• Via 802.3af PoE Ethernet Switch   6W

Environment

• Temperature: - 40° to +70° C
• Humidity: 0 to 85% non-precipitating

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: To reduce the risk of electric shock,
Do not remove cover (or back).
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.
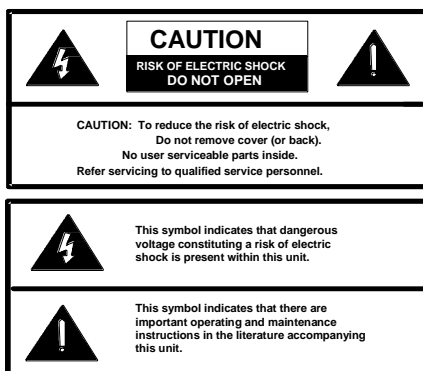

These products are intended for use with a UL Listed power source marked "Class 2" or "LPS" rated 24VDC, or 48VDC (PoE).
PoE and all interconnected ITE are intended for intra-building*.*

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 placé sur l'appareil.**

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-997 provides private mode notification via network connection. Activation of the strobe is triggered by including the VIP-997 as a member of a Valcom IP Paging group. The VIP-997 can also operate as a visual Night Ring device in conjunction with a SIP PBX and can provide audio Night Ring to other Valcom IP speakers when activated. Interface to customer telephone system can be via SIP registration to a Voice over IP (VoIP) telephone system, or FXO port (when used with a Valcom Enhanced Station Port).

Mounting
The VIP-997 is designed for double-gang electrical box mounting, or can be attached directly to a solid surface. The VIP-997 is

labeled with an arrow indicating the UP direction and the VIP-997 must be installed in that orientation. (Figure 2)

If mounting to an outlet box (Figure 3), confirm the outlet box is securely installed following the outlet box manufacturer's directions. If installing directly to a solid surface, note the information shown in Figure 4 for secure mounting to stud walls. For other types of wall construction, use appropriate fasteners.

Network Connection
A weatherproof connector for the premise ethernet cable is pre-assembled to the VIP-997 strobe. Use a standard ethernet cable to connect the strobe to the local network.

IMPORTANT: *If using a pre-terminated ethernet cable, verify the RJ45 cable end will fit through the End Cap opening of the weatherproof connector. If a boot is used around the RJ45 connector, it must not extend more than 35mm from the end of the RJ45 connector.*

To connect the premise cable (shown in Figure 1),unscrew the End Cap [1] and Threaded Barrel [3] from the open end of the connector. Remove the Rubber Bushing [2] from the Threaded Barrel. Insert the ethernet cable from the network through the End Cap and Threaded Barrel and place the Rubber Bushing around the ethernet cable between the End Cap and Barrel.
Insert the network cable RJ45 connector into the RJ45 jack in the Main Barrel [5]. Confirm the Gasket [4] is in place, then insert the Threaded Barrel into the Main Barrel and tighten. Slide the Rubber Bushing into the end of the Threaded Barrel, then screw the End Cap onto the Threaded Barrel and tighten.

Power Connections
The only method of powering the VIP-997 is via a Power over Ethernet (PoE) switch or power injector meeting the 802.3af specification. Make all required signal connections before connecting to Ethernet switch or power injector meeting the 802.3af specification.

Setup

Information specific to your application will need to be programmed into the VIP-997 using a computer. The PC used for programming should be connected to the same subnet as the VIP-997. Setup will be done using the IP Solution Setup Tool. Download the latest version of the free IP Solutions Setup Tool from the Valcom web site at www.valcom.com/vipsetuptool

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. General information and troubleshooting procedures are available on the Valcom website at www.valcom.com.
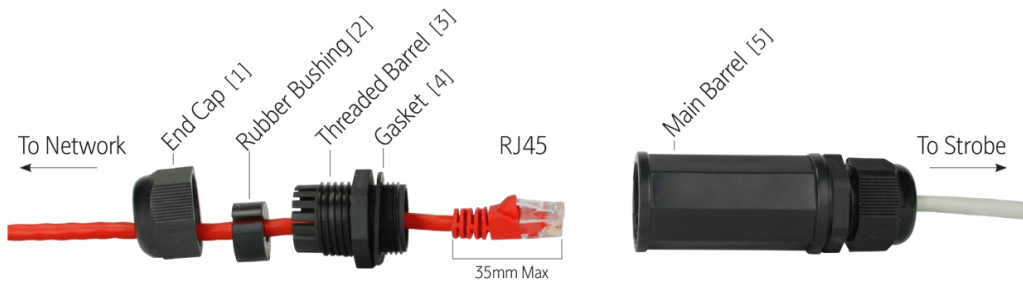
Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA.
Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person and the nature of the problem. Send the unit to:
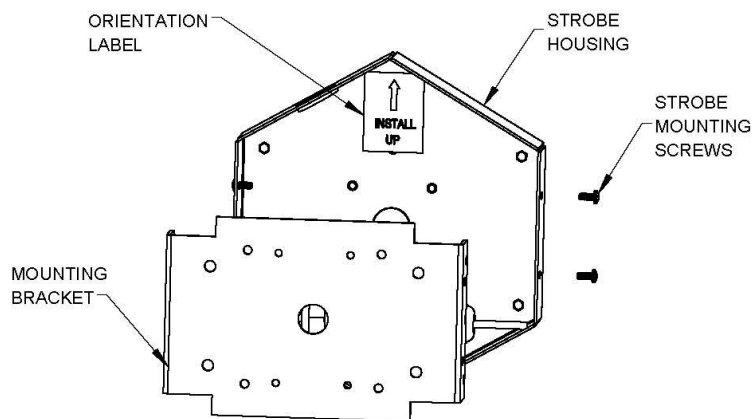
Valcom, Inc.
Repair & Return Dept.
5614 Hollins Road
Roanoke, Va. 24019-5056

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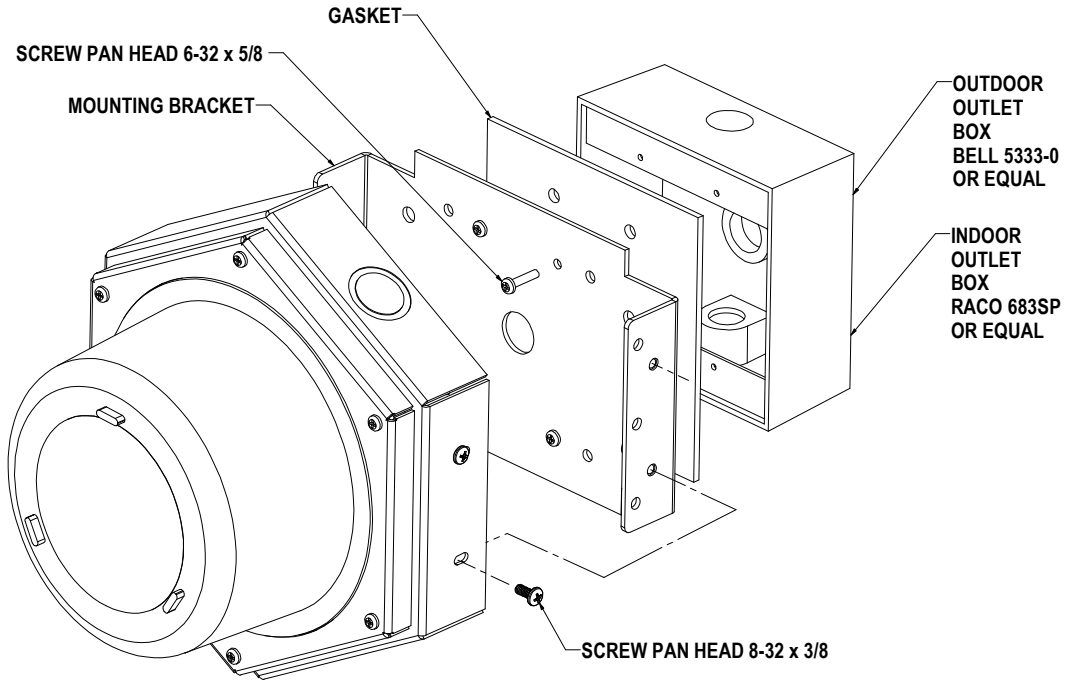

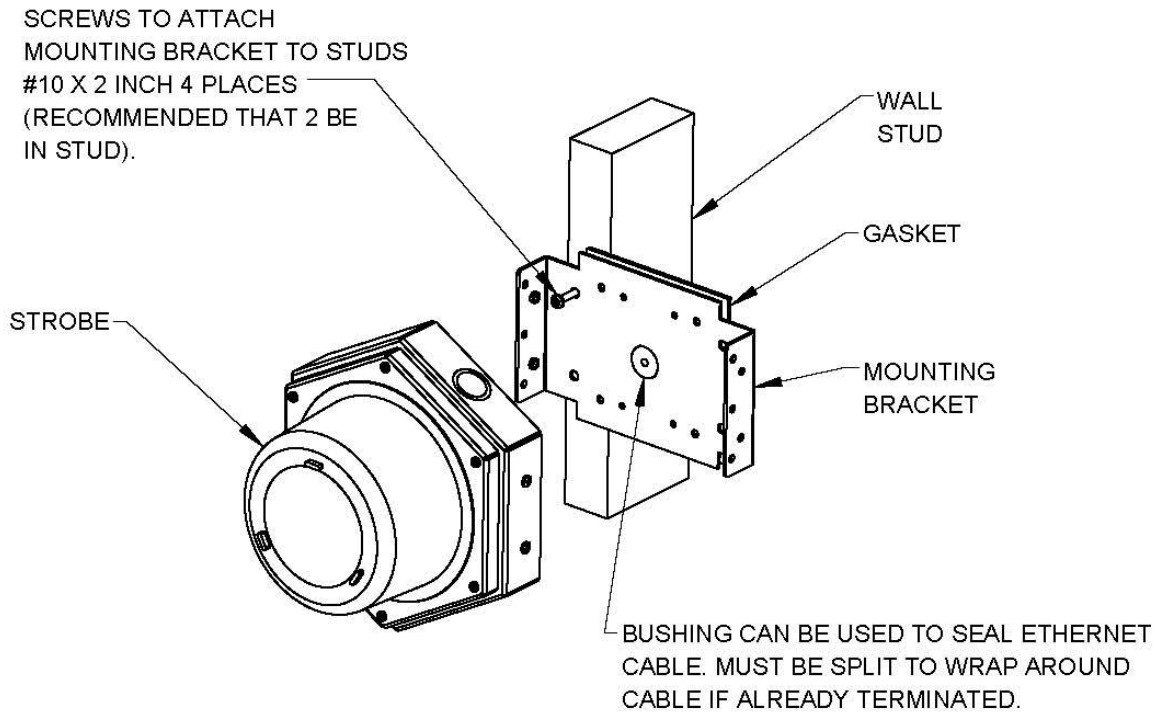**Figure 1. Barrel Connection**

AFTER INSTALLING MOUNTING BRACKET AND CONNECTING ETHERNET CABLE SLIDE STROBE HOUSING OVER FLANGES AND ALIGN MOUNTING SCREWS. PAY ATTENTION TO ORIENTATION LABEL FOR PROPER MOUNTING.

Figure 2. Label for Proper Mounting

NOTE:
REMOVE STROBE FROM PACKAGING. REMOVE (4) 8-32 SCREWS THAT HOLD THE MOUNTING BRACKET IN PLACE.
SAVE THE SCREWS TO RE-MOUNT THE STROBE TO THE MOUNTING BRACKET LATER.
SECURE THE MOUNTING BRACKET TO WALL WITH APPROPRIATE HARDWARE.
CONNECT CUSTOMER RJ45 CONNECTOR (POE)TO OUTDOOR COUPLER. MAKE SURE GASKETS ARE IN PLACE AND
TIGHTEN FOR WATER TIGHT SEAL. SLIDE STROBE HOUSING OVER MOUNTING BRACKET, ALIGN HOLES AND REPLACE (4) 8-32 SCREWS
FROM PREVIOUS STEP. TAKE CAUTION NOT TO PINCH THE CABLES OR COUPLER.
*NOTE: MOUNTING BRACKET CAN BE DIRECTLY ATTACHED TO WALL SURFACE OR ATTACHED TO THE APPROPRIATE OUTLET BOX
FOR THE APPLICATION.*

Figure 3. Connecting to Outlet Box

Figure 4. Mounting to Wall

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