

## VIP-VAF MULTI-COLOR FLASHER

### INTRODUCTION

The VIP-VAF Multi-Color Flasher is a private mode notification appliance that provides bright flasher functionality with both power and activation provided by the IP network. Multiple flashers may be synchronized to flash in unison.

### SPECIFICATIONS

#### Features

- Cost effective and versatile solution to applications requiring visual alerts or flashers
- Power over Ethernet Plus (PoE+) 802.3at Class 4 compatible
- 7 flash patterns and 10 brightness levels
- 16 High brightness, Red, Green, Blue, White LEDs, with up to 300 lumens each
- 360° x 180° Coverage
- Night Ring functionality in conjunction with other Valcom IP speakers
- Synchronized flashing when used with additional Valcom Flashers

#### Activation Methods

- Valcom Site Manager server
- Valcom Interactive Console
- Valcom Group Page
- SIP Phone Call

#### Input/Output

- One Normally Open Supervised Input
- One Normally Open Relay Output, Form A, Rated 1A @ 24 Vdc

#### Dimensions / Weight

- 5.76"H x 5.76"W x 3.10"D  
(14.6cm H x 14.6cm W x 7.9cm D)
- 1.2 lbs. (0.54 kg)

#### Nominal Power Requirements

- Via 802.3at PoE+ Class 4, 20W max



Installation  
Video

#### Environment

- Temperature: -40 to +123°F (-40 to +50°C)
- Humidity: 0 to 85% non-precipitating
- Ingress Protection: IP66 rated  
Suitable for indoor or outdoor installation when properly installed.

### INSTALLATION

#### Operation

The VIP-VAF provides private mode notification via network connection. Activation of the Flasher is triggered by including the VIP-VAF as a member of a Valcom IP Paging group. The VIP-VAF 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-VAF is designed for single-gang, double-gang or octagon electrical box mounting or mounting directly to a solid surface.

**NOTE: The VIP-VAF can synchronize with other Valcom IP Flashers, but not with other manufacturers' devices. Therefore, it must not be installed where the flash from other, non-Valcom flashers may be seen.**

**For indoor installations**, follow the diagram shown in Figure 2. Attach the VIP-VAF mounting plate to the electrical box or solid surface, making sure to orient the plate using the UP arrow embossed in the plate. Route the ethernet cable and relay or contact closure wires (if used) through the opening in the mounting plate and make connections to the back of the Flasher. Attach the VIP-VAF to the mounting plate, again using the UP arrow for correct alignment. Secure the VIP-VAF to the mounting plate using the provided screws.

**For outdoor installations, or indoor installations in wet environments** follow the instructions for indoor mounting, except attach the provided gaskets prior to assembling the VIP-VAF. Remove the liner from the mounting plate gasket. Align the gasket so that none of the mounting holes are covered and attach the adhesive side of the gasket to the back of the mounting plate. Remove the liner from the VIP-VAF gasket and attach the adhesive side of the gasket to the back side of the VIP-VAF. Route the ethernet cable and relay or contact closure wires (if used) through the opening in the mounting plate and gasket and make connections to the back of the Flasher. Attach the VIP-VAF with gasket to the mounting plate and secure to the mounting plate with the provided screws. See Figure 3.

### **Power Connections**

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

### **Input / Output Connections**

One Contact Closure Input and one Normally Open (Form A) Relay Output are available. The screw terminal connections for each of these are shown in Figure 1.

### **Network Connection**

The VIP-VAF has one RJ-45 Network connector.

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

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

Use a standard Ethernet patch cable to connect the VIP-VAF to an Ethernet switch.

See Figure 1.

### **Setup**

Information specific to your application will need to be programmed into the VIP-VAF using a computer. The PC used for programming should be connected to the same subnet as the VIP-VAF. Setup will be done using the VIP-102B IP Solutions Setup Tool. Download the latest version of the free IP Solutions Setup Tool from the Valcom web site at [www.valcom.com/vipsetuptool](http://www.valcom.com/vipsetuptool)

### **Reset**

The Reset connection may be used to return the Flasher to factory default settings. Using a piece of wire, connect (short) the two Reset screw terminals for more than 10 seconds, but less than 20, to reset the IP address and other configuration to factory default.

Shorting the two Reset terminals for more than 20 seconds will reset all configuration, including the password.

See Figure 1 for Reset terminal location.

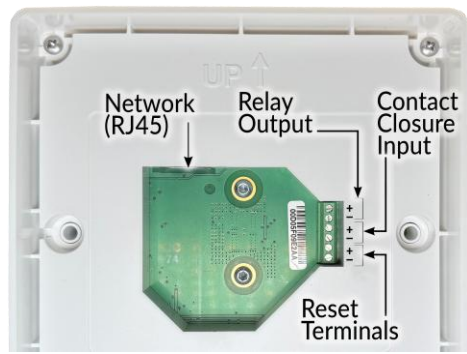
### **Technical Assistance**

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](mailto: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](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:

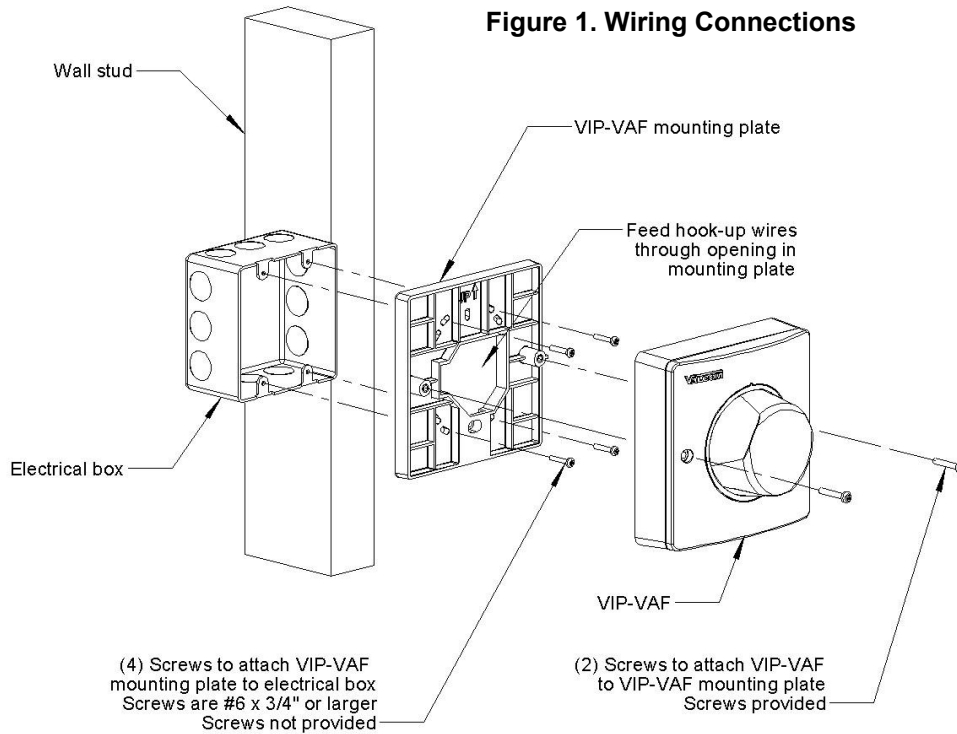
**Valcom, Inc.**  
**Repair & Return Dept.**  
**5614 Hollins Road**  
**Roanoke, Va. 24019-5056**

### **WARRANTY**

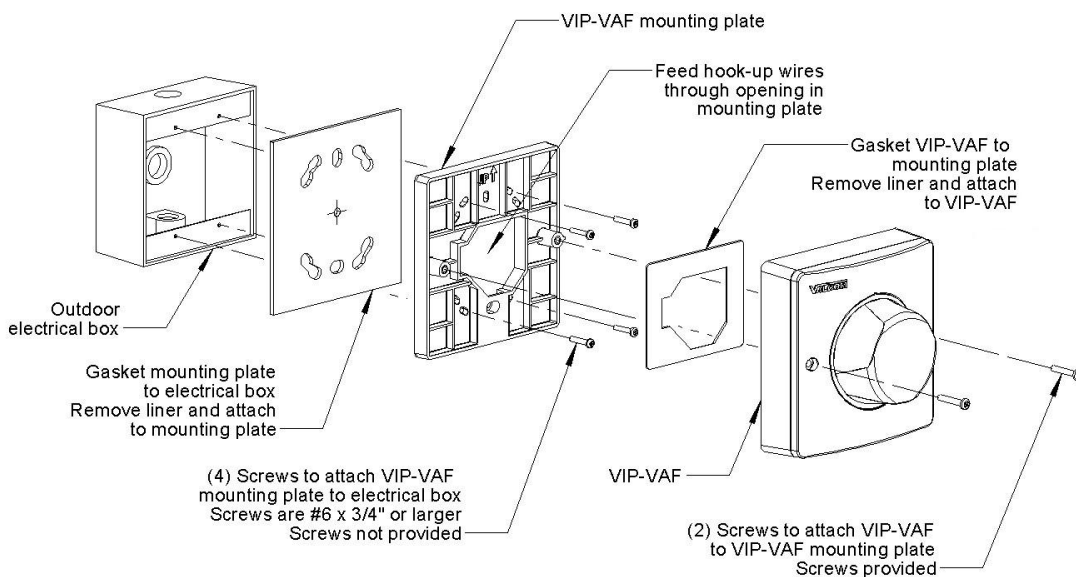
Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty)



**Figure 1. Wiring Connections**



**Figure 2. Indoor Installation**



**Figure 3. Outdoor Installation**