

## VIP-160-IC INFORMACAST® COMPLIANT TALKBACK IP CEILING SPEAKER

### INTRODUCTION

The VIP-160-IC Talkback IP Ceiling Speaker is compatible with Singlewire InformaCast and InformaCast CK systems, allowing hands free talkback paging access to a single location anywhere on the IP network. All control of the speaker features is performed through the InformaCast system. A call switch input is provided for call initiation from the speaker location. Connections are provided for an optional LED call indicator, a mute switch and line level audio output.

The enclosure is made of steel with a durable white powder-coated finish. Power is provided to the VIP-160-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification

### SPECIFICATIONS

#### Access Methods

- InformaCast, InformaCast CK
- HTTP interface for status & configuration

#### Features

- RJ-45 network connection
- Power over Ethernet (PoE) 802.3af compatible
- DHCP addressable
- Firmware upgradeable for future needs
- Connector for Mute switch
- Connector for LED call indicator
- Line output supports Valcom Amplified Speakers

#### DIMENSIONS/WEIGHT

- 13.00" Dia x 3.00" D  
(33.02cm Dia. x 7.62cm D)
- Weight: 2.5 lbs (1.13 kg)



#### Environment

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

### INSTALLATION

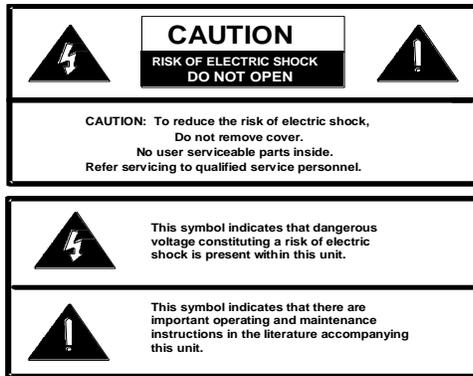
#### FCC Information

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.

#### Packing List

Qty.	Item
1	VIP-160-IC
1	VSP Document
1	RJ-45 Patch Cable

## Precautionary Designations



## Network Connection

The Talkback IP Speaker has one CAT-5 RJ-45 network connector on the rear panel. Use the supplied CAT-5 patch cable to connect the Talkback IP Speaker to an Ethernet switch. See Figure 1 for detailed connections.

## Call Switch Connection

The Talkback IP Speaker provides a call switch input via screw terminal connections. See Figure 1 for detailed connections.

## Mute Out Connection

The Mute Out may optionally be connected to the mute input of Valcom Classroom audio management systems in order to suspend locally originated classroom audio during intercom announcements.

## LED (+) and (-) Connection

LED (+) and (-) is a current limited output designed to illuminate an optional LED. The LED is intended to provide visual indication of call progress. The LED illumination will flash when the call switch is pressed and will continue to flash until the call is answered. The LED illumination will be solid while a connection to the IP Talkback Speaker is established.

## MOUNTING

Cut an 8.50" diameter in ceiling tile. After connections have been made to the speaker, attach speaker to ceiling tile using the mounting hardware provided. (A metal backbox with rails is available separately as model V-9816M).

## Network Connection

The VIP-160-IC has one CAT-5 RJ-45 network connector on the rear panel. Use the supplied CAT-5 patch cable to connect the VIP-160-IC to an Ethernet switch. (See Figure 1).

## -10 dB Line Level Out Connection

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

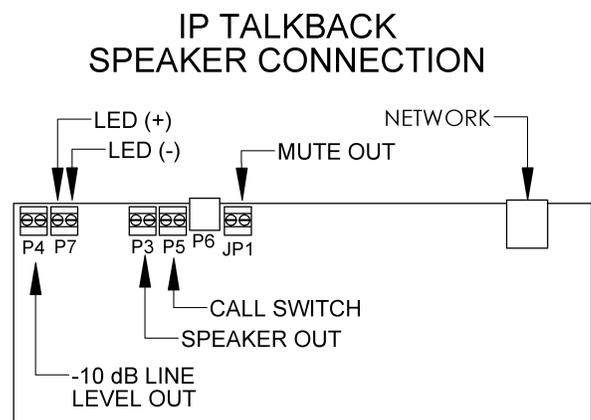


Figure 1. VIP-160-IC Connections

## 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.

When requesting assistance, you should include all available information. It is strongly suggested that you review the information available at <http://www.valcom.com/informacast>.

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://voip.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**

### VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products only to the original purchaser, for its own use, to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. This Limited Warranty obligation shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim;
2. the defect is not the result of damage, misuse or negligence after the original shipment;
3. the product has not been altered in any way or repaired by others and that factory sealed units are unopened (a service charge plus parts and labor will be applied to units defaced or physically damaged);
4. freight charges for the return of products to Valcom are prepaid;
5. all units 'out of warranty' are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor).

**This Limited Warranty is in lieu of and excludes all other warranties, expressed or implied and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation, maintenance, installation, removal or use of the product. The maximum liability of Valcom under this warranty is limited to the purchase price of the specific Product covered by the warranty.**

**Disclaimer.** Except for the Limited Warranty provided herein, the product is provided "as-is" without any warranty of any kind whatsoever including, without limitation, any **WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.

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