

### FEATURES:

- SIP And Multicast Enabled
- Easy To Install via RJ-45
- Power over Ethernet (PoE 802.3af)
- Live, Recorded Or Scheduled Messages
- Easily Connect Loudspeaker System To Existing Computer Networks 10/100
- Compatible With Cisco, Nortel, Avaya And Most IP Telephone Systems
- Windows Based Application For Control And Setup
- Can Operate Over Secure Networks
- One-Way Paging
- Paging Prioritization
- Firmware Upgradeable
- High Efficiency
- Line Out Supports Amplified Speakers
- Synchronized Clock Option
- Supervision
- Test / Setup Tones
- Supports Checkmate, PagePro IP
- DHCP Addressable



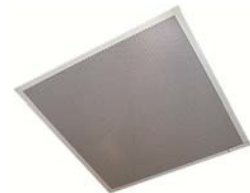
**VIP-410** One-Way Wall IP Speaker  
Gray w/ Black Grille, Paintable Body



**VIP-411-DS** One-Way Wall Mount IP Speaker  
Gray w/ Black Grille, w/ Digital Clock



**VIP-412-DF** One-Way Flush Mount IP Speaker  
Gray w/ Black Grille, w/ Digital Clock



**VIP-402A** One-Way 2' x 2' Lay-in IP Speaker  
w/ integral backbox/bridge



**VIP-120A** One-Way 8" Round Ceiling IP Speaker



**VIP-480L** One-Way IP Horn w/ Long Line Extender  
Vandal-Resistant Enclosure (optional)



**VIP-130L** One-Way 5-Watt High Efficiency IP Horn w/Long Line Extender  
(BG) Beige (GY) Gray M) Marine

### Applications

**General:** Paging/notification applications over existing networks - global WANs

**Governments:** Provide secure, supervised, high survivability notification systems

**Healthcare:** The most practical way to page huge facilities

**Education:** Cost effectively page hundreds of buildings and classrooms (supervised)

**Transportation:** Airports, Ferry Terminals, Subway Stations, Bus Stops, etc

## General Description

### Group Paging Features

Accessible as specific SIP end point and accessible as a multicast group member. Valcom multicast group paging features robust grouping and priority controls. This makes it easy to distribute low priority announcements yet allow high priority paging to override ongoing announcements.

### Group Paging Priority Feature

An absolute priority can be assigned to allow for emergency override in any circumstance. Group paging priorities work locally or across the network in the same fashion allowing facility wide emergency paging.

### Supervision Features

If a fault is detected in speakers it can be reported to an external device or syslog facility.

### Options

Clocks - several styles Explosion proof speaker available

## Specifications:

### Power

External: 24 VDC @ 325 ma  
PoE: 802.3af, class 3

### Networking

10/100 Mbps Ethernet port  
Manual or Dynamic Host Configuration Protocol  
(DHCP) IP address setup.  
Time and date synchronization using NTP

### Protocols

IETF SIP (RFC3261)  
IETF IGMP version 3 (RFC3376)  
IETF RTP (RFC1889)  
IETF RFC2833  
Digest Authentication

### Environment

FCC Part 15, WEE

### DIMENSIONS AND WEIGHT

#### VIP-410

**Dimensions:** 10.13" H x 12.31" W x 4.63" D (25.73 cm x 31.27 cm x 11.76 cm)  
**Weight:** 4.25 lbs (1.91 kg) Shipping Weight: 5.5 lbs ( 2.475 kg)

#### VIP-411-DS

**Dimensions:** 14.90" H x 12.40" W x 4.67" D (37.8 cm x 31.5 cm x 11.86 cm )  
**Weight:** 4.25 lbs (1.91 kg) Shipping Weight: 7.7 lbs ( 3.465 kg)

#### VIP-412-DF

**Dimensions:** 20.25" H x 14.38" W x 3.75" D (51.4cm x 36.5 cm x 9.5 cm)  
**Weight:** 4.25 lbs (1.91 kg) Shipping Weight: 8.1 lbs ( 3.645 kg)

**VIP-402 Dimensions:** 23.75" H x 23.75" W x 4.25" D (60.3 cm x 60.3 cm x 10.8 cm)  
**Weight:** 5.50 lbs (2.48 kg) Shipping Weight: 9.0 lbs ( 4.05 kg)

#### VIP-130-L

**Dimensions:** 7.38" H x 10.0" W x 10.4" D (18.7 cm x 25.4 cm x 26.4 cm)  
**Weight:** 5.0 lbs (2.25 kg) Shipping Weight: 5.5 lbs ( 2.475 kg)

#### VIP-480-L

**Dimensions:** 6.8" H x 8.3" W x 3.3" D (17.3 cm x 21.1 cm x 8.4 cm)  
**Weight :** 2.1 lbs (0.95 kg) Shipping Weight: 5.0 lbs ( 2.25 kg)

#### Enclosure Dimensions::

8.50" H x 11.0" W x 4.0" D (21.59cm H x 27.94cm W x 10.16cm D)  
**Weight :** 5.20 lbs (2.34 kg) Shipping Weight: 6.0 lbs (2.7 kg)

#### VIP-120A

**Dimensions:** 13.0" Dia x 3.8" D (33.0 cm x 9.7 cm)  
**Weight:** 2.5 lbs (1.22 kg) Shipping Weight: 5.0 lbs ( 2.25 kg)

**LIMITED WARRANTY**

Valcom, Inc. warrants its products 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. The obligation under this warranty shall be limited to the re-placement, 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 in any way 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, Inc. 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 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 or use of the product.**

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.