

# Technical Specifications

## VIP-142-SA Intrado Revolution® Compliant IP Paging Horn

- SIP & Multicast enabled
- Power over Ethernet
- Remote management & monitoring
- Polycarbonate plastic housing
- Omni-directional mounting base
- Built-in microphone
- Indoor/outdoor use



*High power talkback  
built-in microphone*

### Description:

The VIP-142-SA Intrado Revolution Compliant High Power IP Talkback Paging Horn is a high-efficiency horn that supports multiple audio and control protocols. All notifications are delivered via a PoE enabled IP network. The VIP-142-SA is set up with a separate microphone that facilitates full duplex talkback communication. The high-impact polycarbonate construction resists the deteriorating effects of outdoor elements.

## SPECIFICATIONS

### FREQUENCY RESPONSE

350 Hz to 7 kHz

### POWER

IEEE 802.3af (PoE) Class 3

IEEE 802.3at (PoE+) Class 4

### DISPERSION

120° Horizontal and 90° Vertical

### AUDIO CODECS

G.722, G.711 (uLaw, aLaw)

### SOUND PRESSURE LEVEL

119 dBA @ 1 m w/1 kHz sine wave

### MOUNTING

Wall, surface, I-beam

### HOUSING AND FINISH

Polycarbonate plastic

### ENVIRONMENT

**Temperature:** -4 to 122 °F (-20 to +55° C )

**Humidity:** 0 to 95% non-condensing

### DIMENSIONS AND WEIGHT

11.75in H x 10.00in W x 11.00in D  
(29.80cm x 25.40cm x 27.90cm)

**Weight:** 4.30lbs (1.95kg)

**Shipping Weight:** 8.00lbs (3.60kg)

2024 Rev. 1.9.2.7

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## ARCHITECTS AND ENGINEERS

The Intrado Revolution Compliant High Power IP Talkback Paging Horn, model VIP-142-SA, shall support multiple audio and control protocols, delivered via a PoE enabled IP network. A separate microphone shall facilitate full-duplex talkback communication.

Power shall be provided to the VIP-142-SA via an Ethernet switch providing Power over Ethernet (PoE) meeting the 802.3af specification or PoE+ meeting the 802.3at specification.

Setup of the VIP-142-SA shall automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution server when connected to the network and powered up..

The VIP-142-SA High Power IP Talkback Paging Horn shall be

constructed of polycarbonate plastic. The VIP-142 shall be suitable for indoor and outdoor applications.

The VIP-1142-SA, High Power IP Talkback Paging Horn, base shall be mounted to a single gang or double-gang electrical box, directly to surface (wall) or clamped to a structural I-beam. A "C" clamp shall be included for "I" Beam mounting. The VIP-142-SA Horn shall be suitable for indoor or outdoor applications.

Maximum dimensions shall be: 11.75in H x 10.00in W x 11.00in D (29.80cm x 25.40cm x 27.90cm) Weight shall be approximately: 4.30lbs (1.95kg).

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