

Technical Specifications

VIP-148AL IP High-Efficiency Horn with Long Line Extender

- Concurrent SIP & Multicast
- Paging, emergency alerts and tones
- High quality audio
- Talkback intercom
- Power over Ethernet (PoE) 802.3af compatible
- Quick and easy installations
- Colors: beige (-BGE), gray (-GY) and marine white (-M)
- InformaCast® and Intrado Revolution® versions available
- Indoor/outdoor use



IP Talkback 45 Ohm

Description:

The VIP-148AL IP Talkback Horn enables a two-way, handsfree voice access to a single location over an IP-based network. This allows a page zone extension anywhere on the network that extends your coverage area. The IP talkback horn is suitable for paging, broadcasting emergency alerts and tones in areas that have moderate to high noise environments.

SPECIFICATIONS

SPEAKER ELEMENT

Voice coil impedance: 45 ohms

FREQUENCY RESPONSE

275 Hz to 14 kHz

POWER REQUIREMENTS

Via 802.3af PoE Ethernet Switch: Class 3

SENSITIVITY

9 mV into 45 ohms at a level of 71.6 dB

DISPERSION

120° Horizontal and 90° Vertical

AUDIO CODECS

G.711 u-law, others

NETWORK

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

MOUNTING

Network Interface: wall or shelf
Horn: electrical box, wall, beam, pole

HOUSING AND FINISH

Horn: high impact ABS plastic
Mounting base: ultra-high impact polycarbonate
Marine horn: high impact ASA plastic

ENVIRONMENT

Network Interface: Indoor Only
Temperature: 32 to 104 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating
Horn: Indoor/Outdoor
Temperature: -4 to 122 °F (-20 to +55 °C)
Humidity: 0 to 95% non-condensing

DIMENSIONS AND WEIGHT

Horn:
7.38in H x 10.00in W x 10.40in D
(18.75cm x 25.40cm x 26.42cm)
Weight: 3.70lbs (1.68kg)
Network Interface:
1.62in H x 5.63in W x 3.45in D
(4.11cm x 14.30cm x 8.73cm)
with brackets – 8.22in W (20.87cm)
Weight: 0.65lbs (0.29kg)
Shipping Weight: 7.20lbs (3.24kg)

2024 Rev. 2.2.7

Technical Specifications

ARCHITECTS AND ENGINEERS

The IP High-Efficiency Horn, model VIP-148AL, is a self contained paging system which enables voice paging over an IP network. The VIP-148AL shall consists of a high-efficiency,talkback horn and a network interface allowing stand alone capability when used with a SIP telephone system or can be accessed from a variety of Valcom managed VoIP products.

Power shall be provided to the VIP-148AL via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-148AL shall be via the Valcom IP Solutions Setup Tool.

The VIP-148AL High-Efficiency Paging Horn shall be constructed of high impact ABS plastic. The mounting base shall be constructed of ultra-high impact polycarbonate plastic. The VIP-148AL-M shall be constructed of high impact ASA material that resists deteriorating effects of salt, sun and high humidity. The I-beam mounting clamp shall be constructed of zinc chromate plated steel.

.The VIP-148AL Network Interface is designed for wall or shelf mounting and must be within 300 feet (100 meters) of the network switch. The VIP-148AL Horn is designed for most FD electrical box or wall mounting and must be within 300 feet (100 meters) of the VE148AL Network Interface. The VIP-148AL shall include a "C" clamp for "I" Beam mounting. The VIP-148AL Horn shall be suitable for indoor or outdoor applications. The Network Interface shall be mounted indoors only.

Maximum dimensions of the VIP-148AL horn shall be: 7.38in H x 10.00in W x 10.40in D (18.75cm x 25.40cm x 26.42cm) Weight shall be approximately: 3.70lbs (1.68kg).

Maximum dimensions of the VIP-148AL Network Interface shall be 1.62in H x 5.63in W x 3.45in D (4.11cm x 14.30cm x 8.73cm). Weight shall be approximately: 0.65lbs (0.29kg).

The shall be UL and cUL listed.at www.valcom.com/warranty.

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