Technical Specifications

VIP-148AL-SA Intrado Revolution® IP High-Efficiency Horn

- Intrado Revolution compliant
- 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)
- Indoor/outdoor use

Intrado Revolution compliant
45 Ohm talkback

Description:

The VIP-148AL-SA 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

CONFIGURATION METHODS
DHCP Option 72
Static Configuration

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)

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ARCHITECTS AND ENGINEERS

The IP High-Efficiency Horn, model VIP-148AL-SA, shall be Intrado Revolution compliant. The VIP-148AL-SA enables two-way handsfree voice Access to a single location over an IP-based network. The horn audio level is electronically adjusted from the Intrado Revolution server. A call switch input connection is provided for call initiation

Power shall be provided to the VIP-148AL-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-148A-SA shall automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Revolution server. Additional setup, if necessary, shall be done using the Valcom IP Solutions Setup Tool.

The VIP-148AL-SA IP 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-SA 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-SA Network Interface shall be designed for wall or shelf mounting and must be within 300 feet (100 meters) of the network switch. The VIP-148AL-SA Horn shall be designed for most FD electrical box or wall mounting and must be within 300 feet (100 meters) of the VIE148AL Network Interface. The VIP-148AL-SA shall include a "C" clamp for "I" Beam mounting. The VIP-148AL-SA Horn shall be suitable for indoor or outdoor applications. The Network Interface shall be mounted indoors only.

Maximum dimensions of the VIP-148AL-SA 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-SA 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).
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Warranty information may be found on our website at www.valcom.com/warranty.