Technical Specifications

VIP-480AL-SA Syn-Apps IP FlexHorn™

- Syn-Apps compliant
- Paging, emergency alerts and tones
- One-way paging
- Power over Ethernet (PoE) 802.3af compatible
- Quick and easy installations
- Colors: beige (-BGE), gray (-GY) and white (-M)
- Indoor/outdoor use

Syn-Apps compliant
One-way includes Network Interface

Description:
The VIP-480AL-SA IP One-Way FlexHorn is a compact horn designed for areas with low ceilings, and low-to-moderate noise environments. The VIP-480AL-SA is weather-resistant, which provides protection for settings such as car washes, operating rooms and food processing plants and is an ideal solution for gymnasiums, prisons, subway and train stations, parking garages.

SPECIFICATIONS

SPEAKER ELEMENT
3.5-inch (8.9cm
Voice coil: 0.75dia (1.90cm), 45 Ohm

AUDIO OUTPUT
Rating: 108 dB @ 4ft (1.22m)
Signal/noise ratio: -70 dB

POWER REQUIREMENTS
Power over Ethernet (POE) 802.3af compatible

FREQUENCY RESPONSE
400 Hz - 10 kHz

DISPERSION
120° horizontal 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

SYN-APPS CONFIGURATION METHODS
DHCP Option 72
Static Configuration

ENVIRONMENT
Network Interface: Indoor Only
Temperature: 32 to 104 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating
PSE: Power Sourcing Equipment to be compliant to IEEE 802.3af
Horn: Indoor/outdoor

HOUSING AND FINISH
High impact ABS white, gray, or beige finish
Bracket: 16 AWG CRS and black E-Coat finished.
Hardware: stainless steel

DIMENSIONS AND WEIGHT
Horn: 6.80in H x 8.30in W x 3.30in D
(17.27cm) x (21.08cm) x (8.38cm)
Weight: 2.10lbs (0.95kg)
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: 6.60lbs (2.97kg)

MOUNTING
Network Interface: wall or shelf
FlexHorn: wall, beam, or flush mount

2022 Rev. 1.9.6

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ARCHITECTS AND ENGINEERS

The IP FlexHorn, model VIP-480AL-SA, shall be Syn-Apps compliant. The VIP-480AL-SA shall provide one-way communication to a single zone of paging over an IP-based network. The VIP-480AL-SA shall allow a page zone extension anywhere on the network.

Power is provided to the VIP-480AL-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-480AL-SA shall automatically acquire an IP address (using DHCP) and connect to the Syn-Apps server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Syn-Apps server.

The VIP-480AL-SA IP One-Way Flexhorn shall be constructed of high impact ABS plastic. The bracket shall be fabricated with 16 AWG RS and finished with black weather resistant E-Coat. All hardware shall be stainless steel. The VIP-480AL-SA shall be available in three colors, Beige (-BGE), Gray (-GY) and White (-W). The VIP-480AL-SA shall be for indoor/outdoor applications and shall be weather-resistant.

The VIP-480AL-SA Network Interface is designed for wall or shelf mounting and must be within 300 feet (100 meters) of the network switch. The VIP-480AL-SA FlexHorn must be within 300 feet (100 meters) of the VIP-480AL-SA Network Interface.

The VIP-480AL-SA FlexHorn is designed for recessed or surface mounting. Recessed mounting shall be mounted into a wall. Surface mounting shall be mounted to a wall or ceiling using the adjustable mounting bracket (included) or to steel "I" beams using a "C" clamp (included).

Maximum dimensions of the VIP-480AL-SA Flexhorn shall be: 6.80in H x 8.30in W x 3.30in D (17.27cm x 21.08cm x 8.38cm). Weight shall be approximately: 2.10lbs (0.95 kg).

Maximum dimensions of the VIP-480AL-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).

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