

Technical Specifications

VIP-120A-SA Syn-Apps IP Round Ceiling Speaker

- Syn-Apps compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- One-way paging
- High-quality audio
- High-efficiency Class-D amplifier
- Indoor use only



*Syn-Apps compliant
Secure, one-way*

Description:

The VIP-120A-SA IP Round Ceiling Speaker is the perfect choice for high quality voice paging and emergency alerts for indoor areas. The VIP-120A-SA is a secure, one-way speaker designed for quick and easy installation.

SPECIFICATIONS

SPEAKER ELEMENT

Cone diameter: 8-inch (20.32 cm)

Voice coil impedance: 45 Ohms

AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22 m)

Signal/noise ratio: -70

FREQUENCY RESPONSE

80 Hz to 15 kHz

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

AUDIO CODECS

G.711 u-law, others

SYN-APPS 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

PROTOCOLS

IETF SIP (RFC3261)

IETF IGMP version 3 (RFC3376)

IETF RTP (RFC1889)

IETF RFC2833

ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Steel grille with white powder coated finish

DIMENSIONS AND WEIGHT

13.00in Dia x 3.80in D

(33.00cm x 9.70cm)

Weight: 2.50lbs (1.13kg)

Shipping Weight: 7.00lbs (3.15kg)

ACCESSORIES

V-9914M-5 Support Bridge

V-9915M-5 Backbox

V-9916M Bridge and Backbox Assembly

2022 Rev. 1.6.2.4

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ARCHITECTS AND ENGINEERS

The IP Round Ceiling Speaker, model VIP-120A-SA, shall be Syn-Apps compliant. The VIP-120A-SA shall enable voice access to a single zone of one-way paging over an IP-based LAN/WAN allowing a page zone extension anywhere on the network. The VIP-120A-SA levels are adjusted electrically via software during setup.

Power shall be provided to the VIP-120A-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-120A-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-120A-SA speaker grille shall be constructed of steel with a white powder coated finish. The VIP-120A-SA is suitable for indoor applications.

Maximum dimensions shall be: 13.00in Dia x 3.80in D (33.00cm x 9.70cm). Weight shall be approximately 2.50lbs (1.13kg).

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