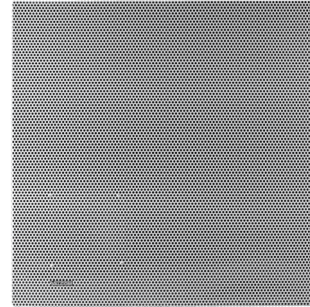


Technical Specifications

VIP-402A-SA Syn-Apps IP Lay-In 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
- Quick and easy installation
- Indoor use only



*Syn-Apps compliant
2ft x 2ft one-way*

Description:

The VIP-402A-SA Lay-In Ceiling Speakers is fast and easy to install and provides superb sound quality and coverage. The pleasing architectural appearance blends well with any environment such as classrooms, training rooms, lecture halls, offices, retail stores and medical facilities. The included backbox meets the ASTM E84 flame and smoke test with a three hour burn rating and is UL listed.

SPECIFICATIONS

SPEAKER ELEMENT

Cone diameter: 8-inch (20.32 cm)
Voice coil impedance: 45 Ohms

AUDIO OUTPUT

Rating: > 100 dB @ 4ft (1.22 m)
Signal/noise ratio: -70

FREQUENCY RESPONSE

80 Hz to 15 kHz

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

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

AUDIO CODECS

G.711 u-law, others

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 housing with a white baked on acrylic enamel finish

DIMENSIONS AND WEIGHT

23.75in L x 23.75in W x 3.75in D
(60.33cm) x (60.33cm) x(9.53cm)
Weight: 5.50lbs (2.49kg)
Shipping Weight: 10.30lbs (4.64kg)

2022 Rev. 1.9.1.2

Technical Specifications

ARCHITECTS AND ENGINEERS

The IP Lay-in Ceiling Speaker, model VIP-402A-SA, shall be Syn-Apps compliant. The VIP-402A-SA shall enable voice access to a single zone of paging over an IP-based network. The VIP-402A-SA shall allow a page zone extension anywhere on the network. The VIP-402A-SA speaker output level shall be controlled by the Syn-Apps server.

Power shall be provided to the VIP-402A-SA via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-402A-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-402A-SA IP Lay-in Ceiling Speaker grille shall be constructed of steel with a white baked enamel finish. The VIP-402A-SA shall replace a 2ft x 2ft ceiling tile. The VIP-402A-SA shall be suitable for indoor applications.

Maximum dimensions shall be: 23.75in L x 23.75in W x 3.75in D (60.33cm) x (60.33cm) x(9.53cm). Weight shall be approximately 5.50lbs (2.49kg).

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