

Technical Specifications

VIP-422A IP Lay-In Ceiling Speaker

- Concurrent SIP and Multicast
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- Talkback intercom
- High-quality audio
- Quick and easy installation
- InformaCast® and Intrado Revolution® versions available
- Indoor use only
- UL and cUL listed



2ft x 2ft
Talkback

Description:

The VIP-422A 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..

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

The -10dBm line level out may be connected to up to 40 Valcom Self Amplified Speakers

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

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)

2024 Rev. 3.6.5

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ARCHITECTS AND ENGINEERS

The IP Lay-in Ceiling Speaker, model VIP-422A, shall enable voice access to a single zone of paging over an IP-based network. The VIP-422A shall allow a page zone extension anywhere on the network. The VIP-422A speaker output level shall be electrically adjusted during setup.

Power shall be provided to the VIP-422A via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. The VIP-422A setup shall be done via the Valcom IP Solutions Setup Tool.

The VIP-422A IP Lay-in Ceiling Speaker grille shall be constructed of steel with a white baked enamel finish. The VIP-422A shall replace a 2ft x 2ft ceiling tile. The VIP-422A 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).

The VIP-422A shall be UL and cUL listed.

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