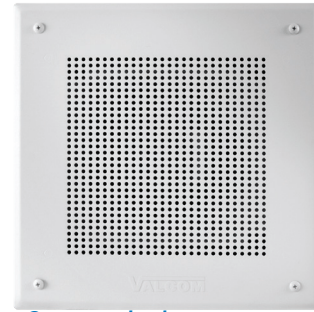


Technical Specifications

VIP-428A IP Square Speaker

- Excellent voice and music reproduction
- Wide sound dispersion
- High-efficiency Class-D amplifier
- Sturdy steel grille
- Mounting backboxes available
- InformaCast® and Syn-Apps versions available
- Indoor use only



*Square hole pattern
One-way/talkback programmable speaker*

Description:

The VIP-428A IP Square Speakers are capable of reproducing voice paging and background music for a wide sound dispersion. The Square Speaker is designed with a square hole pattern and are available as one-way or talkback. These speakers may be used for recessed wall or ceiling-mount installations and are ideal for most interiors such as schools, offices, retail stores and medical settings.

SPECIFICATIONS

SPEAKER ELEMENT

Cone diameter: 8-inch (20.32 cm)
Voice coil impedance: 45 Ohms
Cone type: 5oz (142g) ceramic magnet

AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22 m)
Signal/noise ratio: -70

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

FREQUENCY RESPONSE

80 Hz to 15 kHz

ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Steel housing with a white powder coated finish

DIMENSIONS AND WEIGHT

11.50in H x 11.50in W x 3.70in D
(29.20cm x 29.20cm x 11.40cm)
Weight: 4.25lbs (1.91kg)
Shipping Weight: 8.40lbs (3.79cm)

ACCESSORIES

VB-S11 Square Surface Mount Backbox (Metal)
VB-R12 Square Flush Mount Backbox (Metal)
VB-A13 Square Angled Mount Backbox (Metal)

2022 Rev. 1.9.1.2

Technical Specifications

ARCHITECTS AND ENGINEERS

The IP Square Speaker, model VIP-428A, shall enable voice access to a single zone of paging over an IP-based network. The VIP-428A shall allow a page zone extension anywhere on the network. The VIP-428A speaker output level shall be electrically adjusted during setup.

Power shall be provided to the VIP-428A via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-428A shall be via the Valcom IP Solutions Setup Tool.

The VIP-428A IP Speaker grille shall be constructed of steel with

a durable white powder coated finish. The color of the enclosure can easily be changed to match any décor. The VIP-428A shall be designed for recessed or flush mounting to a Valcom backbox (not included)The VIP-428A shall be suitable for indoor applications.

Maximum dimensions shall be: 11.50in H x 11.50in W x 3.70in D (29.20cm x 29.20cm x 11.40cm). Weight shall be approximately 4.25lbs (1.91kg).

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