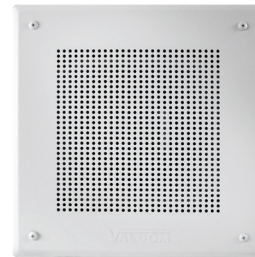


Technical Specifications

VIP-428A-IC IP Square Speaker

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



*InformaCast compliant
Square hole pattern
Talkback speaker*

Description:

The VIP-428A-IC IP Square Speakers are capable of reproducing voice paging and background music for a wide sound dispersion. The VIP-428A-IC is designed with a square hole pattern and may be recessed mounted on wall or ceiling. The Square Speaker is 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

INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)
Static Configuration

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-IC, shall be InformaCast compliant. The VIP-428A-IC shall enable voice access to a single zone of paging over an IP-based network. The VIP-428A-IC shall allow a page zone extension anywhere on the network.

Power shall be provided to the VIP-428A-IC via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-428A-IC shall automatically acquire an IP address (using DHCP) and connect to the InformaCast server when connected to the network and powered up. Information specific to the application shall need to be programmed into the InformaCast server.

The VIP-428A-IC IP Square 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-IC shall be designed for recessed or flush mounting to a Valcom backbox (not included). The VIP-428A-IC 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.