

Technical Specifications

VIP-431A-A-IC InformaCast® IP Clock/Speaker Assembly

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Dual system that serves as a paging system and clock
- Mounting backboxes available
- Indoor use only



*InformaCast compliant
12-inch analog clock and talkback speaker*

Description:

The VIP-431A-A-IC InformaCast IP 12-Inch Analog Clock/Speaker is a talkback wall speaker with a clock. The speaker provides voice access and a visual time line to a single zone over an IP-based network. The clock synchronization is initiated via connection to any Network Time Protocol. The VIP-431A-A-IC is an ideal and effective solution for any environment such as offices, meeting rooms, gymnasiums, warehouses and hallways.

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

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

FREQUENCY RESPONSE

80 Hz to 15 kHz

AUDIO CODECS

G.711 u-law, others

INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)
Static Configuration

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

Speaker: Steel with a white powder coated finish
Clock Dial: Durable polystyrene
Clock Case: Smooth surface ABS case
Clock Crystal: Shatterproof, side-molded polycarbonate

DIMENSIONS AND WEIGHT

20.28in H x 14.38in W x 4.50in D
(51.51cm x 36.53cm x 11.43cm)
Weight: 4.25lbs (1.91kg)
Shipping Weight: 12.60lbs (5.67cm)

ACCESSORIES

VB-R19 Recessed Mount Backbox (Metal)
VB-S20 Surface Mount Backbox (Metal)
VB-A21 Angled Mount Backbox (Metal)

2022 Rev. 1.9.1.2



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ARCHITECTS AND ENGINEERS

The IP Clock/Speaker, model VIP-431A-A-IC, shall be InformaCast compliant. The VIP-431A-A-IC shall consist of a 8-inch speaker and a 12-inch analog clock.

Power shall be provided to the VIP-431A-A-IC via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-431A-A-IC shall automatically acquire an IP address (using DHCP) and connect to the InformaCast server when connected to the network and powered up. Time synchronization shall be provided by the InformaCast server.

The VIP-431A-A-IC 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 decor. The VIP-431A-A-IC

clock case shall be round and 12 inches in diameter and shall be constructed of smooth surface ABS with black finish. The clock dial shall be constructed of durable polystyrene and the crystal shall be constructed of shatterproof, side-molded polycarbonate. The VIP-431A-A-IC shall be designed for recessed or flush mounting to a Valcom backbox (not included) The VIP-431A-A-IC shall be suitable for indoor applications.

Maximum dimensions shall be: 20.28in H x 14.38in W x 4.50in D (51.51cm x 36.53cm x 11.43cm). Weight shall be approximately 4.25lbs (1.91kg).

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