

# Technical Specifications

## VIP-429A-D-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



4-digits digital clock  
Talkback speaker

### Description:

The VIP-429A-D-IC IP Digital Clock/Speaker Assembly contains a talkback wall speaker and a 4-digit digital clock. The speaker provides voice access and a visual time line to a single zone over an IP-based LAN/WAN. The clock synchronization is initiated via connection to any Network Time Protocol. The VIP-429A-D-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

### 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

### 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

### AUDIO CODECS

G.711 u-law, others

### ENVIRONMENT

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

### CLOCK DISPLAY

12-hour or 24-hour format  
**Size/Color:** 2.5 inch red characters  
**Visibility:** 100 feet

### HOUSING AND FINISH

**Speaker:** Steel housing with a white powder coated finish

### DIMENSIONS AND WEIGHT

14.50in H x 13.00in W x 3.40in D  
(36.93cm x 33.02cm x 8.64cm)  
**Weight:** 4.80lbs (2.18kg)  
**Shipping Weight:** 8.40lbs (3.79cm)

### ACCESSORIES

VB-R22 Recessed Mount Backbox (Metal)  
VB-S23 Surface Mount Backbox (Metal)  
VB-A24 Angled Mount Backbox (Metal)

2022 Rev. 1.9.1.2

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## ARCHITECTS AND ENGINEERS

The IP Clock/Speaker, model VIP-429A-D-IC, shall be InformaCast compliant. The VIP-429A-D-IC shall enable voice access and visual time indication to a single zone of paging over an IP-based on the network. The speaker level is adjusted via software during set up. Clock synchronization is provided by the InformaCast server

Power shall be provided to the VIP-429A-D-IC via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-429A-D-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-429A-D-IC shall consist of a wall speaker and a 4-digit digital

clock. The VIP-429A-D-IC speaker grille shall be constructed of steel with a durable powder coated finish. The color of the enclosure can easily be changed to match any decor. The clock display shall be 12-hour or 24-hour format and shall have 2.50in H red characters with a visibility of 100ft. The VIP-429A-D-IC shall be designed for recessed or flush mounting to a Valcom backbox (not included).The VIP-429A-D-IC shall be suitable for indoor applications.

Maximum dimensions shall be: 14.50in H x 13.00in W x 3.40in D (36.93cm x 33.02cm x 8.64cm). Weight shall be approximately 4.80lbs (2.18kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).