

Technical Specifications

VIP-429A-D-SA Syn-Apps IP Clock/Speaker Assembly

- Syn-Apps 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-SA 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-SA 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

SYN-APPS CONFIGURATION METHODS

DHCP Option 72
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-SA, shall be Syn-Apps compliant. The VIP-429A-D-SA 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 Syn-Apps server

Power shall be provided to the VIP-429A-D-SA via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-429A-D-SA shall automatically acquire an IP address (using DHCP) and connect to the Syn-Apps server when connected to the network and powered up. NTP server shall be defined in the DHCP scope or manually. Information specific to the application shall need to be programmed into the Syn-Apps server.

The VIP-429A-D-SA shall consist of a wall speaker and a 4-digit digital

clock. The VIP-429A-D-SA 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-SA shall be designed for recessed or flush mounting to a Valcom backbox (not included).The VIP-429A-D-SA 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.