

Technical Specifications

VIP-429A-A-SA Intrado Revolution® Clock/Speaker Assembly

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



Analog clock
Talkback speaker

Description:

The VIP-429A-A-SA IP Clock/Speaker Assembly contains a talkback speaker and a 12-inch analog clock. The VIP-429A-A-SA 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-A-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

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

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

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: 12.60lbs (5.67cm)

ACCESSORIES

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

2024 Rev. 2.2.7

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ARCHITECTS AND ENGINEERS

The IP Clock/Speaker, model VIP-429A-A-SA, shall be Intrado Revolution compliant. The VIP-429A-A-SA shall enable voice access and visual time indication to a single zone of paging over an IP-based LAN/WAN. This allows page zone extension anywhere on the network. Clock synchronization is provided by the Intrado Revolution server.

Power shall be provided to the VIP-429A-A-SA via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-429A-A-SA shall automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution 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 Intrado Revolution server.

The VIP-429A-A-SA shall consist of a talkback speaker and a 12-inch

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