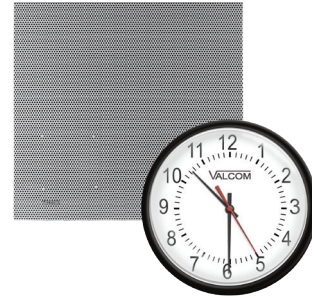# Technical Specifications

VIP-4122-A12-IC InformaCast® IP Lay-In Speaker and Analog Clock Kit

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- One-way paging and talkback intercom
- High-quality audio
- NTP clock sync
- Quick and easy installation
- Indoor use only

2ft x 2ft Lay-in Ceiling Speaker
+ 12-Inch Analog Clock

Description:

The VIP-4122-A12-IC InformaCast Lay-in Speaker/Clock Kit endpoint is powered by a single network PoE port and provides a 2ft x 2ft lay-in ceiling speaker and 12in analog clock. Also included in the kit is a 50-foot pre-connected cable that links the devices together. No backbox or baffle is required.

SPECIFICATIONS

SPEAKER ELEMENT
Voice coil impedance: 45 Ohms

AUDIO OUTPUT
Rating: > 96 dB @ 4ft (1.22 m)

FREQUENCY RESPONSE
80 Hz to 15 kHz

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

INFORMACAST CONFIGURATION METHODS
SLP (Service Location Protocol)
Static Configuration

PROTOCOLS
IETF SIP (RFC3261)
IETF IGMP version 3 (RFC3376)
IETF RTP (RFC1889)
IETF RFC2833

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
Clock: Color: Black
Dial: Durable polystyrene
Case: Smooth surface ABS case
Crystal: Shatterproof, side-molded polycarbonate
Speaker: Steel housing with a white baked on acrylic enamel finish

DIMENSIONS AND WEIGHT
Clock
12.81in dia x 1.20in D
(32.54cm x 3.05cm)
Weight: 3.70lbs (1.68kg)
Speaker
23.75in L x 23.75in W x 3.75in D
(60.33 cm) x (60.33 cm) x (9.53 cm)
Weight: 5.50lbs (2.50kg)
Shipping Weight: 16.20lbs (7.29kg)

ARCHITECTS AND ENGINEERS

The IP Lay-in Speaker and Analog Clock Kit, model VIP-4122-A12-IC, shall be InformaCast compliant. The VIP-4122-A12-IC kit shall consist of a 2ft x 2ft lay-in ceiling speaker, a 12in analog clock and 50ft cable. The VIP-4122-A12-IC shall provide synchronized time, talkback intercom and loudspeaker paging from one IP network connection. The Analog Clock will sync it's time with the InformaCast server.

Power shall be provided to the VIP-4122-A12-IC clock and speaker via a Power over Ethernet (PoE) switch meeting the 802.3af specification. The VIP-4122-A12-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-4122-A12-C clock case shall be constructed of smooth surface ABS is with a durable black powder coated finish. The dial shall be constructed of durable polystyrene and the crystal shall be constructed from shatterproof, side-molded polycarbonate. The VIP-4122-A12-IC lay-in speaker shall be constructed of steel with a white baked on acrylic enamel finish. The VIP-4122-A12 shall be suitable for indoor applications.

The clock maximum dimensions shall be: 12.81in dia x 1.20in D 32.54cm x 3.05cm). Weight shall be approximately 3.70lbs (1.68kg). The speaker maximum dimensions shall be: 23.75in L x 23.75in W x 3.75in D (60.33 cm) x (60.33 cm) x (9.53 cm). Weight shall be approximately 5.50lbs (2.50kg).

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