Technical Specifications

VIP-160A-IC InformaCast® IP Round Ceiling Speaker

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- Talkback paging
- High-efficiency Class-D amplifier
- High-quality audio
- Quick and easy installation
- Indoor use only

InformaCast compliant
45 Ohm, talkback

Description:

The VIP-160A-IC InformaCast IP 8-inch Round Ceiling Speaker is the perfect choice for high quality voice paging and two-way communication and emergency alerts for indoor areas. The VIP-160A-IC is designed for quick and easy installation.

SPECIFICATIONS

SPEAKER ELEMENT
Voice coil impedance: 45 Ohms

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

FREQUENCY RESPONSE
80 Hz to 15 kHz

POWER REQUIREMENTS
Power over Ethernet (POE) 802.3af compatible

AUDIO CODECS
G.711 u-law, others

INFORMACAST CONFIGURATION METHODS
SLP (Service Location Protocol)
Static Configuration

NETWORK
10/100 Mbps Ethernet port
Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
Time and date synchronization using NTP

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
Steel grille with white powder coated finish

DIMENSIONS AND WEIGHT
13.00in Dia x 3.80in D
(33.00cm x 9.70cm)
Weight: 2.50lbs (1.13kg)
Shipping Weight: 7.00lbs (3.15kg)

ACCESSORIES
V-9914M-5 Support Bridge
V-9915M-5 Backbox
V-9916M Bridge and Backbox Assembly

Technical Specifications

ARCHITECTS AND ENGINEERS

The IP Round Ceiling Speaker, model VIP-160A-IC, shall be InformaCast compliant. The VIP-160A-IC shall enable handsfree talkback access to a single location over an IP-based LAN/WAN allowing handsfree communication anywhere on the network. The VIP-160A-IC levels are adjusted electrically via software during setup. A call switch input is provided for call in initiation.

Power shall be provided to the VIP-160A-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-160A-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-160A-IC speaker grille shall be constructed of steel with a white powder coated finish. The VIP-160A-IC shall be suitable for indoor applications.

Maximum dimensions shall be: 13.00in Dia x 3.80in D (33.00cm x 9.70cm). Weight shall be approximately 2.50lbs (1.13kg).

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