

Technical Specifications

VIP-9880A-SA Syn-Apps IP Square Grille FlexHorn™

- Syn-Apps compliant
- PoE (IEEE 802.3af)
- Paging, intercom, background music, emergency alerts
- Talkback paging
- High-quality audio
- Indoor use only



*Syn-Apps compliant
Square hole pattern
One-way*

Description:

The VIP-9880A-SA IP FlexHorn with square grille enables loudspeaker voice paging anywhere on an Ethernet network. The VIP-9880A-SA is designed for surface mounting and is an ideal solution for schools, gymnasiums, subway and train stations.

SPECIFICATIONS

SPEAKER ELEMENT

3.5-inch (8.9 cm)

Voice coil impedance: 0.75 dia (1.9cm), 45 Ohm

AUDIO OUTPUT

Output Impedance: 600 Ohms

Output Level: -10 dBm nominal

AUDIO INPUT

Input Impedance: 600 Ohms

Input Level: -10 dBm

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

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

SYN-APPS CONFIGURATION METHODS

DHCP Option 72

Static Configuration

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

Horn: High impact ABS

Faceplate: Steel with white powder coated finish

DIMENSIONS AND WEIGHT

10.75in H x 10.75in W x 4.00in D

(27.31cm x 27.31cm x 10.16cm)

Weight: 3.10lbs (1.41kg)

Shipping Weight: 7.00lbs (3.15kg)

MOUNTING

Flush mounting or to a recessed backbox

ACCESSORIES

VB-R17-D Recessed Backbox

2022 Rev. 1.9.1.9

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ARCHITECTS AND ENGINEERS

The IP FlexHorn with Square Grille, model VIP-9880A-SA, shall be Syn-Apps compliant. The VIP-9880A-SA shall provide one-way communication to a single zone of paging over an IP-based network. The VIP-9880A-SA shall allow a page zone extension anywhere on the network.

Power shall be provided to the VIP-9880A-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-9880A-SA shall automatically acquire an IP address (using DHCP) and connect to the Syn-Apps server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Syn-Apps server.

The VIP-9880A-SA IP FlexHorn with Square Grille shall be designed for flush mounting on a hollow surface or recess

mounting to a backbox (VB-R17-D).

The VIP-9880A-SA IP FlexHorn with Square Grille shall be constructed of steel with a white powder coated finish. The FlexHorn shall be constructed of high impact ABS. The VIP-9880A-SA shall be suitable for indoor applications.

Maximum dimensions shall be: 10.75in H x 10.75in W x 4.00in D (27.31cm x 27.31cm x 10.16cm). Weight shall be approximately 3.10lbs (1.41kg).

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