

Technical Specifications

VIP-801A IP Gateway Audio Port

- 1 audio input
- 2 audio output
- 1 contact closure input
- 2 programmable Form C relay contacts
- InformaCast® and Syn-Apps versions available
- Indoor use



Network – single port

Description:

The VIP-801A provides access to a single zone of one-way paging. Access to the zone is achieved through an IP-based network. The IP-801A can be programmed as a SIP (Session Initiation Protocol) device for connectivity to virtually any Voice over IP (VoIP) telephone system.

SPECIFICATIONS

AUDIO INPUT

Audio input impedance: 600 Ohms

AUX input impedance: 8 to 600 Ohms

AUX input level: -10 dBm nominal

AUDIO OUTPUT

Page output impedance: 50 Ohms

Page output level: -10 dBm nominal

POWER REQUIREMENTS

Voltage: 24 Vdc

Current: 325 mA

Via 802.3af PoE Ethernet Switch: Class 3

CAPACITY

Provides audio for up to 40 Valcom one-way amplified speaker assemblies

SENSITIVITY

Voice switch sensitivity: -21dBm

AUDIO CODECS

G.711 u-law, others

AUXILIARY RELAYS

Two Form C Relays rated at 1A @ 24 Vdc

NETWORK

10/100 Mbps Ethernet port

Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup

Time and date synchronization using NTP

MOUNTING

Wall or table mounting.

ENVIRONMENT

Temperature: 32 to 104 °F (0 to +40 °C)

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Steel with black powder coated finish

DIMENSIONS AND WEIGHT

1.38in H x 6.13in W x 5.25in D

(3.50cm x 15.60cm x 13.33cm)

Weight: 1.25lbs (0.57kg)

Shipping Weight: 3.70lbs (1.67kg)

2022 Rev. 1.9.6

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ARCHITECTS AND ENGINEERS

The Network Audio Port, model VIP-801A, enables voice access to a single zone of one-way paging over an IP network, allowing page zones to be extended anywhere network connectivity is available. The VIP-801A can be programmed as a SIP (Session Initiation Protocol) device for connectivity to virtually any Voice over IP (VoIP) telephone system.

The VIP-801A Network Audio Port shall be powered by via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the VIP-801A will be via the Valcom VIP-102B IP Solutions Setup Tool.

The VIP-801A input impedance shall be 600 Ohms. The input level shall be -10 dBm nominal. The voice switch sensitivity shall be -21 dBm. The VIP-801A auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. The VIP-801A shall provide two audio output connections. The terminals labeled "Page" shall provide a signal output compatible with Valcom self-amplified speakers. Up to 40 Valcom speakers can be connected to the Page output. The terminals labeled "AUX"

shall provide a signal output compatible with most amplifiers and should be used where a transformer-coupled output is desired. The output impedance shall be 50 Ohm. Output level shall be -10 dBm nominal. The VIP-801A shall provide two Form C relays contacts rated for 1A @ 24 Vdc.

The VIP-801A Network Audio Port shall be constructed of steel with a black powder coated finish.

The VIP-801A A Network Audio Port shall be designed for wall or table placement. Provided with the VIP-801A shall be four rubber pads for table placement. Two mounting brackets and hardware shall be provided to secure the VIP-801A to the wall.

Maximum dimensions shall be: 1.38in H x 6.13in W x 5.25in D (3.50cm x 15.60cm x 13.33cm). Weight shall be approximately: 1.25lbs (0.57kg).

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