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 Intrado Revolution® 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)

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.