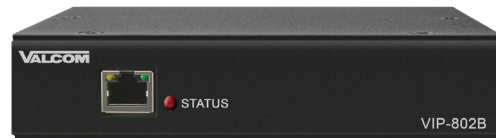# Technical Specifications

VIP-802B IP Gateway Audio Port

- 2 audio input
- 2 audio output
- 2 contact closure input
- 2 Form A relay contacts
- Indoor use
- UL and cUL listed

Network — dual port

Description:

The Dual Network Audio Port, model VIP-802B, enables voice access to two zones of one-way paging over an IP network, extending page zones anywhere network connectivity is available. The VIP-802 B can be programmed as a SIP (Session Initiation Protocol) device with two identities (one per audio channel) for connectivity to virtually any Voice over IP (VoIP) telephone system.

SPECIFICATIONS

AUDIO INPUT PER PORT
Audio input impedance: 600 Ohms
AUX input impedance: 8 to 600 Ohms
AUX input level: -10 dBm nominal

AUDIO OUTPUT PER PORT
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
Each port provides a Form A Relay 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

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
1.72in H x 7.00in W x 11.88in D
(4.36cm x 17.78cm x 30.16cm)
Weight: 2.05lbs (0.93kg)
Shipping Weight: 5.50lbs (2.48kg)

MOUNTING
Wall, table or rack mounting

ARCHITECTS AND ENGINEERS

The Dual Network Audio Port, model VIP-802B, enables voice access to two zones of one-way paging over an IP network, allowing page zones to be extended anywhere network connectivity is available. The VIP-802 B can be programmed as a SIP (Session Initiation Protocol) device with two identities (one per audio channel) for connectivity to virtually any Voice over IP (VoIP) telephone system.

The VIP-802B Dual Network Audio Port shall be powered via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the VIP-802B shall be via the Valcom VIP-102B IP Solutions Setup Tool.

Each port of the VIP-802B shall provide an audio input impedance of 600 Ohms. Auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. Each port of the VIP-802B shall provide an output impedance of 50 Ohm. Output level shall be -10 dBm nominal. Voice switch sensitivity shall be -21 dBm. Each port shall provide a Form A Relay rated at 1A @ 24 Vdc.

The VIP-802B Dual Network Audio Port shall be constructed of steel with a black powder-coated finish.

The VIP-802B Dual Network Audio Port shall be designed for table placement and wall or rack mounting. Provided with the VIP-802B shall be four rubber pads for table placement. Two mounting brackets and hardware shall be provided to secure the VIP-802B to the wall. Two VIP-802B units shall be joined and installed into a 1U rack slot using the included brackets and hardware.

Maximum dimensions shall be 1.72in H x 7.00in W x 11.88in D (4.36cm x 17.78cm x 30.16cm). Weight shall be approximately: 2.05lbs (0.93kg).

The VIP-802B shall be UL and cUL listed.

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