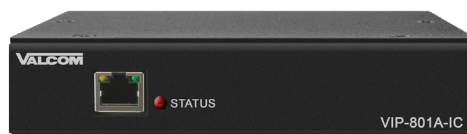


Technical Specifications

VIP-801A-SA Syn-Apps IP Gateway Audio Port

- Syn-Apps compliant
- 1 audio input
- 2 audio output
- 1 contact closure input
- 2 programmable Form C relay contacts
- Indoor use



*Syn-Apps compliant
Network – single port*

Description:

The VIP-801A-SA provides access voice access to one zone of one-way paging over an IP-based LAN/WAN. The VIP-801A-SA allows page zone extension anywhere on the network.

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 1 A @ 24 Vdc

NETWORK

10/100 Mbps Ethernet port

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

Time and date synchronization using NTP

SYN-APPS CONFIGURATION METHODS

DHCP Option 72

Static Configuration

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



SALES@VALCOM.COM

800.825.2661

VALCOM.COM

Technical Specifications

ARCHITECTS AND ENGINEERS

The Network Audio Port, model VIP-801A-SA, shall be Syn-Apps compliant. The VIP-801A-SA shall enable voice access to a single zone of one-way paging over an IP-based LAN/WAN. The VIP801A-SA shall allow page zone extension anywhere on the network.. .

The VIP-801A-SA 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-SA 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 will need to be programmed into the Syn-Apps server.

The VIP-801A-SA 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-SA auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. The VIP-801A-SA 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-SA shall provide two Form C relays contacts rated for 1A @ 24 Vdc.

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

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