

### QUAD NETWORKED PAGE ZONE EXTENDER MODEL VIP-804

#### FEATURES:

- 4 Audio Outputs
- 4 Audio Inputs
- 4 Form A Relay Contacts
- 4 Contact Closure Inputs
- RJ-45 For Network Connection
- Front Panel Activity LED
- Provides Audio For Up To 150 Valcom One-way Amplified Speaker Assemblies
- Aux Audio Input Via RCA Jack
- Contact Closure Or VOX Operation Of Audio Input
- Page With Music Output, Music Mutes During Page
- Output Control Contact Closure Provided During Paging Output
- Compatible With 25 Or 70 Volt Amplifiers
- 2.5mm Jack For DC Power
- Power Over Ethernet 802.3af Compliant
- No Server Required
- 1 to 11 Digit Dial Plans
- Easy Windows Based Setup



#### DESCRIPTION:

The VIP-804 Quad Networked Page Zone Extender enables voice access to four zones of one-way paging over an IP-based LAN/WAN. This allows page zone extension anywhere on the network. Multiple VIP-804 Quad Networked Page Zone Extenders can be used on the same network to create very large and distributed public address systems. **Example applications include:** Multiple floors in a single building, Multiple buildings in a campus environment, City wide paging of all Fire & Rescue buildings, Interstate paging between bank branches.

#### SPECIFICATIONS:

##### Nominal Specifications

**Input Impedance:** 600 Ohms  
**Input Level:** -10dBm nominal  
**Voice Switch Sensitivity:** -21dBm  
**Music Source Input Impedance:** 8 to 600 Ohms  
**Music Input Level:** -10dBm nominal  
**Output Impedance:** 50 Ohms  
**Output Level:** - 10dBm nominal  
**Relay Current:** 1 AMP @ 24VDC  
**Protocols:** DHCP, IGMP v3, UDP, TCP, HTTP, Telnet, FTP  
**Voice Algorithm:**  
G.711 (64kbits/s) (ulaw)  
Echo Suppression

##### Nominal Power Requirements

**Via back panel barrel connector:**  
**Voltage:** 24VDC  
**Current:** 325mA  
**Via 802.3af PoE Ethernet Switch:**  
802.3af: Class 3

##### Environment

**Temperature:** +32 to +104 °F (0 to +40 °C)  
**Humidity:** 0 to 85% non-precipitating

##### Dimensions/Weight

1.75 H x 6.75" W x 9.5" D  
(4.45cm H x 17.15cm W x 24.13cm D)  
**Weight:** 1.75 lbs. (0.80 kg)

# ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

## MODEL VIP-804

### QUAD NETWORKED PAGE ZONE EXTENDER

The Quad Networked Page Zone Extender Model VIP-804 will provide a single 10/100 Ethernet port, 4 audio input/output circuits, 4 Digital contact closure inputs and 4 N.O. relay contact outputs. The Quad Networked Page Zone Extender Model VIP-804 will provide all circuitry and software to convert network data to zone page audio output. The Quad Networked Page Zone Extender Model VIP-804 will provide all circuitry and software to convert input audio to zone page audio and control information suitable for transmission to other Valcom IP Solutions products over a data network. The Quad Networked Page Zone Extender Model VIP-804 shall form one part of a serverless Network based communications system.

The Quad Networked Page Zone Extender Model VIP-804 shall be powered via either an external 24 Vdc power supply or via a 802.3af PoE Ethernet switch port.

All setup and configuration of the Quad Networked Page Zone Extender Model VIP-804 will be via the Valcom VIP-102 IP Solutions Setup Tool.

The Quad Networked Page Zone Extender Model VIP-804 shall be constructed of steel and be wall, table or rack mountable.

The maximum dimensions shall be: 1.75 H x 6.75" W x 9.5" D (4.45cm H x 17.15cm W x 24.13cm D) Shipping Weight shall be approximately: 1.75 lbs. (0.80 kg).

## Limited Warranty

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.  
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs  
(major repairs will be subject to additional charges for parts and labor).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.