

VIP-904 QUAD HANDSFREE VOIP ADAPTER

INTRODUCTION

The VIP-904 Quad Handsfree VOIP Adapter connects Valcom MultiPath talkback paging system zones to Valcom Enhanced Network Audio Port devices (VIP-80x series) for distribution over an IP network. Up to four MultiPath zones may be connected to each VIP-904, with each connected zone requiring one port on a Valcom VIP-801, VIP-802 or VIP-804. The MultiPath zone audio will be distributed by the Enhanced Network Audio Port over the IP network to other IP endpoint devices. Contact closures (call button presses) will be passed over the IP network from the zone endpoint to initiate a call into the MultiPath.



SPECIFICATIONS

Access Methods

- MultiPath zone audio output with optional Contact Closure (call in switch) connection

Features

- Four 4-pin screw terminal MultiPath connections
- Four RJ-45 Enhanced Network Audio Port device connections

Dimensions/Weight

- 7.19" H x 3.75" W x 1.31" D
(18.3 cm H x 9.5 cm W x 34.3 cm D)
- Weight: 1.0 lbs. (0.45 kg)

Nominal Specifications

Input Impedance:	600 Ohms
Input Level:	-10dBm
Output Impedance:	600 Ohms
Output Level:	-10dBm nominal

Environment

Temperature:	0 to 40° C
Humidity:	0 to 85% non-precipitating

Packing List

Qty	Item
1	VIP-904
1	VSP Document
4	Wood Screws

INSTALLATION

Mounting

The VIP-904 is designed for wall mounting. Using the wood screws provided, secure the VIP-904 to the wall through the mounting holes in the outer flange of the VIP-904.

Power Connections

The VIP-904 does not require a separate power source.

Signal Connections

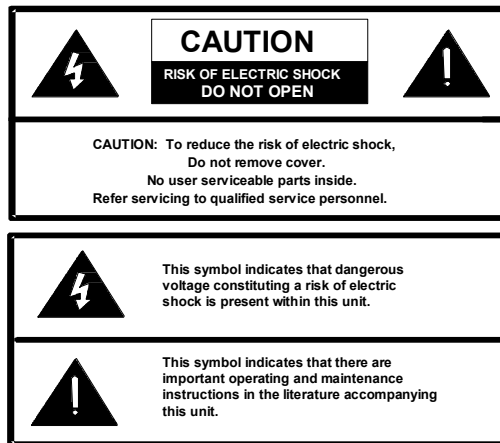
The VIP-904 has 4 screw terminal block connectors for 4 separate paging zones. Four RJ-45 jacks provide connections to a VIP-801, VIP-802 or VIP-804 Enhanced Network Audio Port. Labeled Port 1, Port 2, Port 3 and Port 4. each of the screw terminal blocks corresponds to the Port directly across from it.

Paging System Connections: Connect the audio Tip and Ring from a MultiPath page controller zone to the screw terminals labeled **Audio** of one screw terminal block. If a Contact Closure (call in switch) connection is required, connect the contact closure from the same MultiPath zone to the screw terminals labeled **Contact**. (See Figure 1).

Enhanced Network Audio Port Connection:
 Connect an RJ-45 network patch cable to the VIP-904 via the RJ-45 jacks labeled **Port 1, Port 2, Port 3 or Port 4**. The Port chosen corresponds with the Paging System connection directly opposite it on the VIP-904 chassis. The other end of the RJ-45 patch cable is connected directly to one of the audio/relay RJ-45 jacks on the rear panel of a VIP-802 or VIP-804. If connecting to a VIP-801, a terminal block (Biscuit Block) will be required to access the separate signal connections. (See Figure 1).

FCC Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at their own expense.



TECHNICAL ASSISTANCE

Assistance in troubleshooting is available from the factory. Call (540) 563-2000 and press 1 for Technical Support or via email at support@valcom.com.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating your company name, address, phone number, contact person and the nature of the problem. Send the unit to:

**Valcom, Inc.
 Repair & Return Dept.
 5614 Hollins Road
 Roanoke, Va. 24019-5056**

VALCOM LIMITED WARRANTY

Valcom, Inc. warrants its products only to the original purchaser, for its own use, 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. This Limited Warranty obligation 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 altered in any way or 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 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 Limited 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, maintenance, installation, removal or use of the product. The maximum liability of Valcom under this warranty is limited to the purchase price of the specific Product covered by the warranty.

Disclaimer. Except for the Limited Warranty provided herein, the product is provided "as-is" without any warranty of any kind whatsoever including, without limitation, any **WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.**

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.

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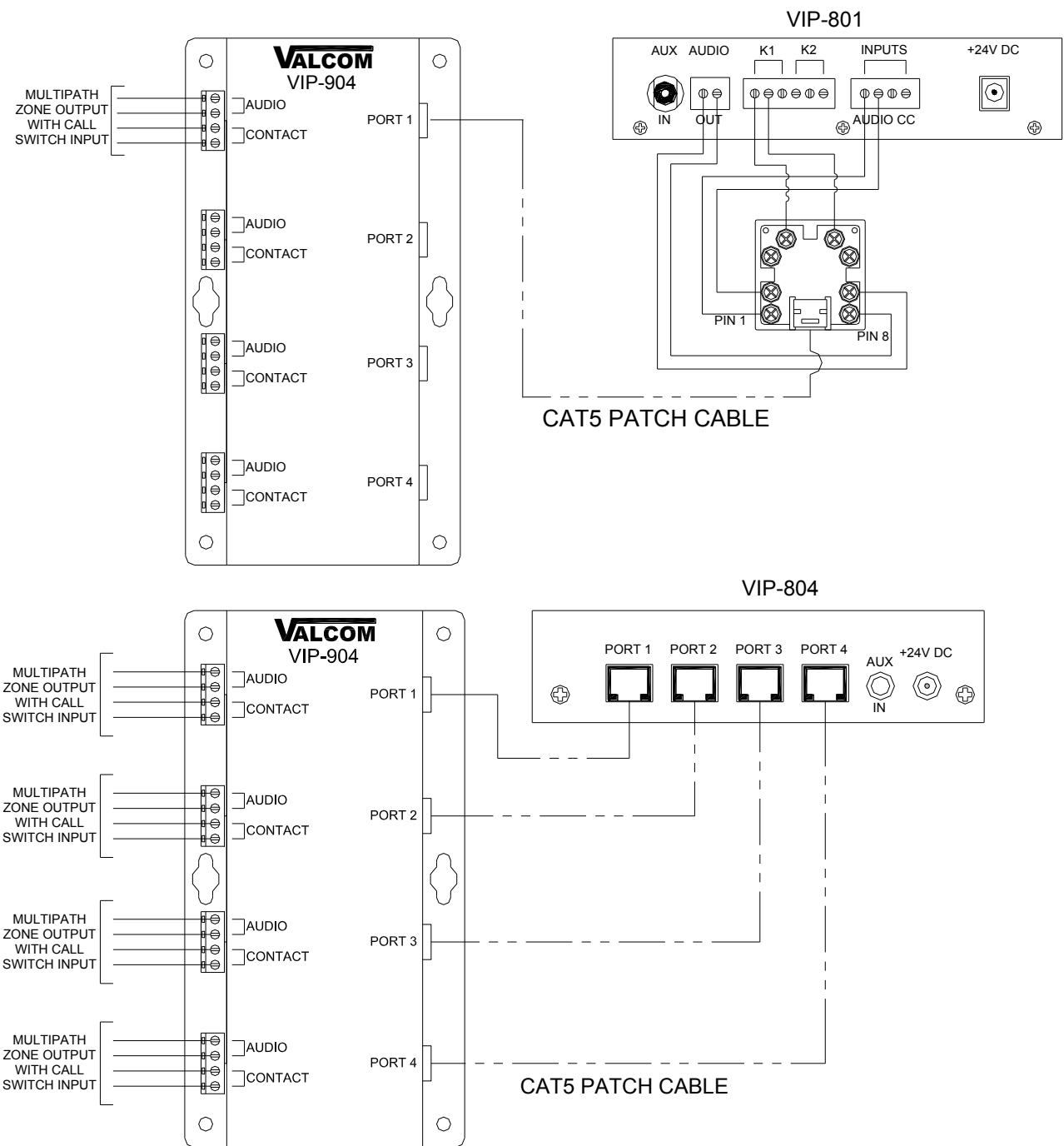


FIGURE 1.