

VoIP Application Brief Number: 1

- Using VIP-800 Audio Page Port to interface to Valcom paging loudspeakers and existing 70Volt paging systems
- Using VIP-810 Station port with single line telephone to provide Call In Intercom, handset communications and paging control.

### Overview:

When dedicated wiring is not available or is too expensive, Valcom VoIP products provide LAN/WAN connectivity. The Valcom VIP-800 is used when a new paging system needs to be installed or an existing paging system needs to be expanded or extended. It provides line level audio output and control contact closure when paging. The VIP-810 is used with single line telephones to receive calls from 2-way intercom stations and handsets. It can dial any VoIP paging point(s) in the network for all call or specific group or zone loudspeaker paging.

#### Voice Paging Operation:

- Dial ALL CALL to Page Everyone
- Or dial code to page specific building
- When you hear 3 beeps, "Begin Paging"
- Terminate page by hanging up phone.

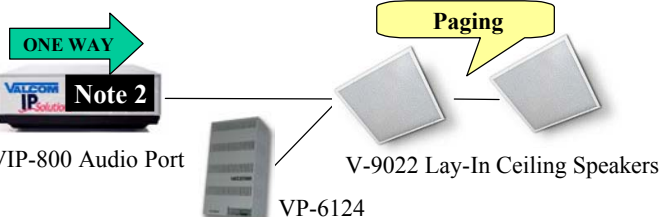
#### Intercom Operation:

- Phone rings announcing incoming call
- Lift handset, communicate to remote location

Central Security  
Paging/Intercom  
Control Station



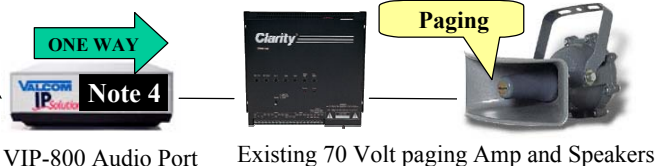
### Building #1 Offices Valcom Paging System



### Building #2 Entry Intercom Communications

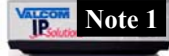


### Building #3 Production 70Volt Paging System



LAN / WAN

TWO WAY



VIP-810 Station Port with SLT

### VoIP Loudspeaker Paging Key Uses & Benefits

- Connect remote areas using LAN/WAN
- NO PSTN Leased Line Charges!
- All Call and Zoned Paging Operation
- Page From Remote Areas using handset station
- Receive Calls from Intercom Stations and handsets
- Network all your Remote Sound Systems for Paging

### System Design Notes:

1. VIP-810 connected to single line telephone (SLT) providing handset paging and 2-way intercom with remote stations.
2. VIP-800 connected to a zone of V-9022 1-way paging speakers and VP-6124 power supply.
3. VIP-810 connected to PagePac Station Doorphone providing call in to security phone and full 2-way intercom.
4. VIP-800 provides audio output and contact closure. Connection to remote amplifier may vary by manufacture and require additional components. Contact Valcom Tech Support for further assistance in determining exact requirements.
5. VIP-810 connected to SLT providing intercom capability with other handsets, PagePac Station DoorPhone intercom stations and full handset loudspeaker paging functionality.

For further information on this or other system applications call us at 1-800-VALCOM1. Press 1 for Applications Support.