IP Telephony Based Loudspeaker Paging Integration

VALCOM

VoIP Application Brief: 3

Enhanced Network Trunk Port (VIP-821A) is used with analog telephone adapters or other FXS ports to connect calls from phone systems to any paging endpoint in the network. It can dial to any VoIP paging endpoint(s) in the network for All Call or to specific groups of endpoints for zoned paging.

Enhanced Network Audio Port (VIP-801A) simply connects to the network in any location, providing audio signal path to the local paging loudspeakers. User can access overhead paging from any phone and send voice pages to individual zones, groups or to the entire facility.

Paging Operation from Any IP Telephone Set:
- Dial paging station access extension number
- IP Analog adapter connects & gets dial tone from Enhanced Network Trunk Port
- Dial paging code for All Call or specific building desired
- Hear three beeps, begin speaking
- When done, hang up phone to disconnect from paging

VoIP Phone System

Analog Telephone Adapter
Connects to the phone system must provide open loop disconnect

One-Way

Trunk Port
VIP-821A
Connected to an analog telephone adapter providing IP telephone handset one-way paging access.

IP Network

Building #1 PAGING ZONE — *Valcom Horns*

One-Way

Audio Port
VIP-801A

Self-Amplified FlexHorns

Power Supply for FlexHorns

Connected to a zone of self-amplified paging FlexHorns using an external power supply.

Building #2 PAGING ZONE — *Valcom Horns*

One-Way

Audio Port
VIP-801A

Self-Amplified Horns

Power Supply for Horns

Connected to a zone of self-amplified paging horns using an external power supply.

Building #3 PAGING ZONE — *70 Volt Amplifier*

One-Way

Audio Port
VIP-801A

Existing 70 Volt Paging Amp & Speakers

Provides audio output and contact closure. Connection to remote amplifier may vary by manufacture and require additional components. Contact Valcom Technical Support for further assistance.

Key Uses & Benefits
- Install overhead paging using network
- All Call and zoned paging operation
- Low cost IP phone integration using single line telephone adapter for paging operation
- Network ALL your buildings for paging without paying leased line PSTN charges