

Voice & Visual Communication Solutions



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Who we are . . . what we do . . .

*From Start to Finish
All Under One Roof:*

Design

Engineering

Manufacturing

Product Testing

Quality Control

Marketing/Sales

Shipping

Technical Support



At Valcom, we realize each project is customer specific. For this reason, we will continue to listen to our customers to provide the highest quality solutions.

Proudly Made In The USA for Over 35 Years

Valcom, the largest provider of telephone integrated paging systems in the world, knows and understands customer needs.

For over 35 years, our focus has always been, and will continue to be, listening to and providing customer based solutions.

Valcom's unique and extensive experience in IP and Analog Voice Paging Systems, Mass Notification, IP Centric Multimodal Systems and Telecommunication Enhancements gives us a unique perspective. We are well known for providing guidance and assistance in implementing everything from the simplest paging system to the most complex mass notification solution. Our customer base includes most of the Fortune 500 companies, the majority of highly secure US Government facilities, local government emergency service organizations, over 35,000 schools and quite possibly your own organization.

Virtually all of Valcom's products are engineered, manufactured and supported in our 120,000 square foot state-of-the-art facility in Roanoke, Virginia, USA. Valcom's component products are available through wholesale distributors and integrators.

Valcom has some of the industry's newest and most innovative manufacturing processes and works continuously to improve our customer solutions.



Our Markets



K12

District

- Centralized Mass Notification
- Integrates w/ Legacy Intercom Systems
- Centralized Bell Scheduling & Clocks
- Remote Maintenance

Schools

- IP & Analog Intercom
- Clock Bell Scheduling Systems
- Door Entry
- Visual Notification-ADA
- Lockdown Systems

Classrooms

- Emergency Help Buttons
- Classroom Amplification
- Wireless Panic Buttons
- A/V Device Audio Management



Higher Education

University/College

Community College

MultiCampus

- Easy Button Mass Notification
- Emergency Telephones
- Visual Notification Systems
- SMS/Text/Dialog System
- IP Emergency Speaker/Button
- IP Dorm Room Emergency Calling



Commercial/Industrial

Manufacturing

Office Complexes

Retail • Distribution

- Voice Paging
- Tones for Shift Changes, Breaks, Lunch
- Mass Notification
- Background Music
- Emergency Telephones
- Building or Enterprise Wide



Government/Military

City Facilities • Police

Fire/Rescue Facilities

City-Wide Emergency Telephones

- City-Wide or Campus-Wide
- Mass Notification
- Suitable for Government Networks
- Synchronized Clocks
- IP Fire/Rescue Paging/Intercom
- Emergency Telephones
- IPAWS – WEMA - CAP



Health Care

Hospitals • Clinics • Extended Care

- Hospital Enterprise Voice Paging with Automated Announcements and Text-to-Speech
- IP Centric - Manage Existing Paging Assets
- Reconfigure Zone Groups Software
- Mass Notification – Voice & Visual Alerting
- Synchronized Clocks
- Emergency Telephones
- Noise Masking - Select Areas - HIPAA



Transportation

Airports • Transit

Parking Lots

- Terminal Paging
- Mass Notification
- Crash Rescue Intercoms
- Emergency Telephones
- Visual Notification Systems
- Synchronized Clocks



Loudspeaker Paging

- Find People When Not at Their Desk
- Reduces Call Back Times
- Increase Safety & Security
- Notify Everyone for Quick Evacuation
- Single or Multizone, All Call & Group Call
- Talkback Paging
- Override Access
- Door Entry/Security Management
- Background Music



Intercoms

VoIP Based and Analog – Two-Way

Common Applications:

- School Intercoms
- Warehouse Intercoms
- Airport Crash Rescue Emergency Intercoms
- Dormitory and Assisted Living Facilities
- Two-Way Communication in Hospital O.R. & Laboratories
- Door-Entry Applications



Mass Notification Systems

Multimodal IP Centric

- Mass Notification Solutions for Education, Healthcare, Industrial, etc.
- Simple or Complex Audio/Visual Multimodal Solutions
- Supervised



Synchronized Clock Systems

Wired, Wireless, and IP

- Synchronized
- Analog Clocks
- Digital Clocks
- Clock Speaker Combinations



IP Emergency Telephones

Pedestal/Stanchion Blue Light

- IP Emergency Telephones are PoE – Eliminate Need for External Power
- Dual Function Capability – Call-In and Emergency Broadcast
- Retrofit Existing Stanchions
- Options: Fiber, Wireless, Solar, Cameras
- Supervised



Emergency Message Signs

PoE

- Optional Add-On for Certain IP Speakers
- Stand Alone Message Signs
- Speaker Add-On's for Stand-Alone Signs

Loudspeaker Paging

Distributed Amplified Analog Technology
or IP Technology

One-Way Paging System
or Talkback Intercom System

Visual Notification Signs
or Silent Bell Notifications

Analog Paging

What is Distributed Amplified Analog Technology?

Designed specifically to take advantage of in-place wiring — each one-way paging speaker provides a built-in amplifier and volume control. These speakers are essentially independent public address systems that can be networked together using standard telephone/datacom low voltage wiring (CAT 5/6) that allows easy system configuration and flexible modification as customer needs change.

Valcom offers significantly higher system efficiency and superior response by optimizing each amplifier/speaker combination. Utilizing high-efficiency American made speaker components eliminates transformer power losses. The net result is a reduction in cost, power dissipation and a dramatic increase in system efficiency and reliability due to the inherent system redundancy.

Valcom's Easy 1-2-3 System Design

Step 1 Select a Page Control



Page Controls are the "Brain" of the system and are specifically designed for telephone system integration. Systems are easily field expandable and/or upgradable to allow for future adds, moves and changes.

Step 2 Select Speakers & Horns



Speakers are generally used for interior environments and provide high-quality music and voice reproduction.



Horn speakers offer high-efficiency, rugged construction and superb voice quality. They're typically used outdoors or in loud, industrial or harsh interior areas.

Step 3 Select a Power Supply



Built-in power is often included in the page control so an additional power supply may not be needed. The amount of power required for a paging system is based on the quantity and type of page control and speakers/horns selected.

Valcom Products are Assigned Valcom Power Units (VPU)

Products Either **Provide + #** or **Consume - #** Power

Specific details for determining power are on page 20.



**Clock Systems
or Schedule Management**

**Need Secure Systems
or Tie All Systems Together**

**System Enhancements:
Eliminate Feedback, Tones, Mics**

SIP Paging

Paging over LAN/WAN with no limits on distance.

Easily add speakers or audio gateways anywhere on your network:

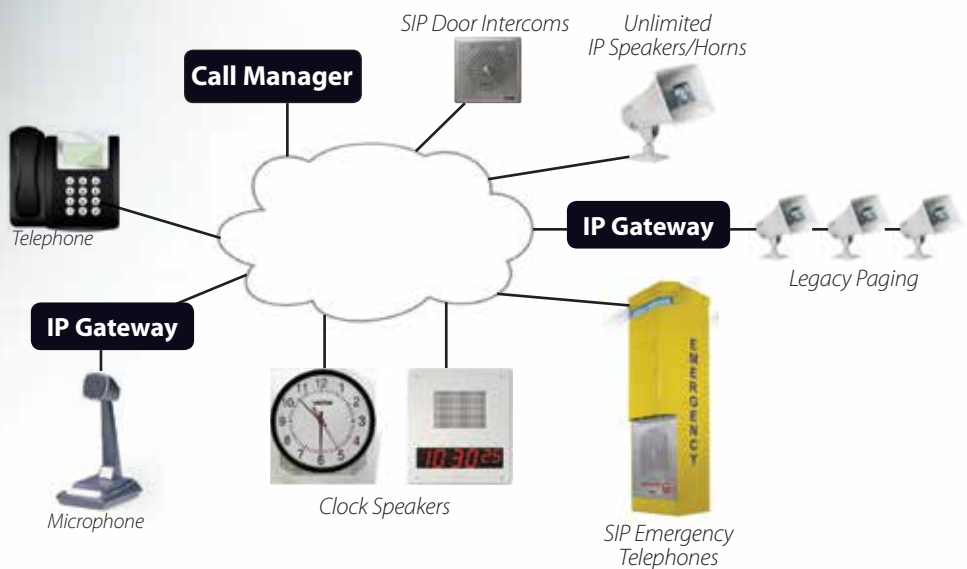
- In other buildings
- Detached warehouses regardless of location
- Used car lot that is two blocks away
- Detached trailer buildings
- Any campus location
- Each of your retail stores across the nation

Valcom IP Public Address is intended to distribute audio via IP protocol over vast distances via wired networks, fiber optic networks or even wirelessly.

It enables you to address, inform and alert large groups of people: customers, employees and visitors in public spaces.

The major advantage of IP public address systems is its usage in installations where it is difficult and expensive or even impossible to run cabling.

Leverage your installed PA system: Simply Plug and Page.



Analog Page Controls



Analog 2000 Series™		VPU
A	1 Zone ◆◆▲ • Basic Zone or Area of Paging One-Way V-2000A +12 2.60"H x 7.70"W x 5.30"D (6.60cm x 19.56cm x 13.46cm) 2.6lbs (1.2kg)	
B	1 Zone Enhanced ◆◆▲ • Phantom Zone™ Allows Paging to All Speakers But Limits Music to Selected Speakers One-Way V-2001A +20 One-Way European Version* V-2001A-E +20 7.10"H x 9.00"W x 2.40"D (18.03cm x 22.86cm x 6.10cm) 3.7lbs (1.68kg) <i>*International Version - Power Requirements: 230 Vac/5A</i>	
C	3 Zones ◆◆▲ • Three Zones of One-Way Paging Plus All Call One-Way V-2003A +20 7.10"H x 10.00"W x 3.00"D (18.03cm x 25.40cm x 7.62cm) 4.1lbs (1.86kg) One-Way European Version* V-2003A-E +20 7.10"H x 10.00"W x 3.00"D (18.16cm x 25.40cm x 7.62cm) 4.1lbs (1.86kg) Talkback V-2003AHF +10 7.10"H x 10.00"W x 3.00"D (18.03cm x 25.40cm x 7.62cm) 5.6lbs (2.54kg) Talkback European Version* V-2003AHF-E +10 7.10"H x 10.00"W x 3.00"D (18.16cm x 25.40cm x 7.62cm) 5.6lbs (2.54kg) <i>*International Version - Power Requirements: 230 Vac/5A</i>	
D	6 Zones ◆◆▲ • Six Zones of One-Way Paging, All Call, 3 Programmable Zone Groups One-Way V-2006A +30 10.90"H x 13.00"W x 2.70"D (27.69cm x 33.20cm x 6.86cm) 6.2lbs (2.81kg) One-Way European Version* V-2006A-E +30 10.90"H x 13.00"W x 2.70"D (27.69cm x 33.20cm x 6.86cm) 6.2lbs (2.81kg) Talkback V-2006AHF +20 10.90"H x 13.00"W x 2.70"D (27.69cm x 33.20cm x 6.86cm) 7.5lbs (3.40kg) Talkback European Version* V-2006AHF-E +20 10.90"H x 13.00"W x 2.70"D (27.69cm x 33.20cm x 6.86cm) 7.5lbs (3.40kg) <i>*International Version - Power Requirements: 230 Vac/1.0A</i>	

Analog Page Controls		VPU
<i>PBX Loop Start Trunk, Electronic Key Line, Single Line Phone</i>		
E	1 Zone ◆ Talkback V-9941A -6 8.25"H x 4.65"W x 2.30"D (20.96cm x 11.81cm x 5.84cm) 1.5lbs (0.68kg)	
<i>Station Level/FXS Adapters</i>		
1 Zone ●		
F	For use with One-Way Controllers V-9970 -4 8.25"H x 4.50"W x 2.35"D (20.96cm x 11.43cm x 5.97cm) 1.5lbs (0.68kg)	
G	For use with One-Way or Talkback Controllers V-9940 -4 8.20"H x 4.55"W x 2.30"D (20.83cm x 11.56cm x 5.84cm) 1.7lbs (0.77kg)	
H	PagePal Interface ◆◆▲● V-5335700 0 2.50"H x 6.00"W x 4.00"D (6.35cm x 15.24cm x 10.16cm) 2.0lbs (0.91kg)	

What is a Zone?

A zone can be any area, any size that you determine. It's usually an area where the same overhead pages would need to be heard.

Within a zone you can have as many different types of speakers as you want. From basic overhead round ceiling speakers, to high-fidelity sound, to horns for water-proof areas, to door entry speakers and many more.



Step 1 Select a Page Control

Easy Selection Considerations:

- Number of Zones
- One-Way Broadcast Only or Talkback (Includes One-Way) Two-Way HandsFree
- Special Features

Features

Telephone Access

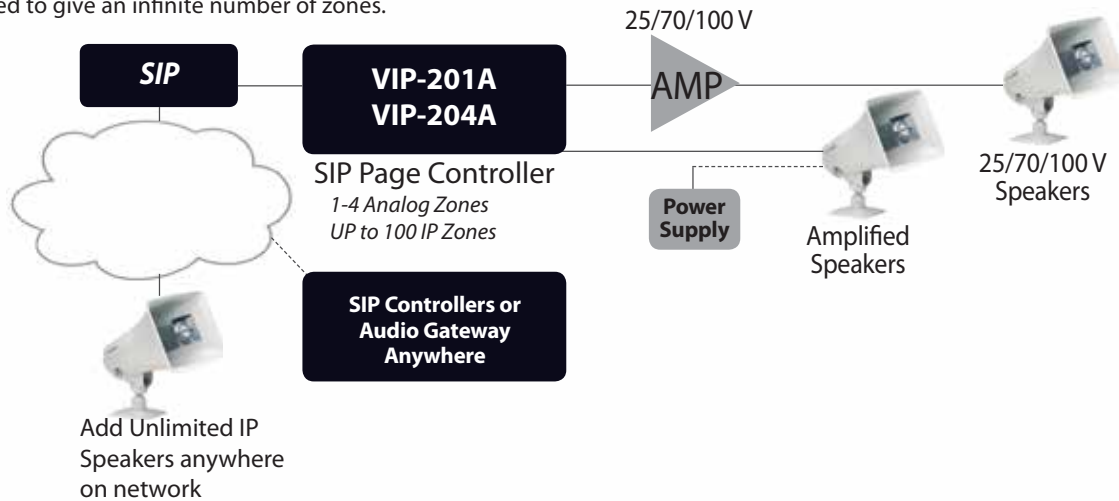
Model #	One-Way Page Controls				Talkback Page Controls	
	V-2000A	V-2001A	V-2003A	V-2006A	V-2003AHF	V-2006AHF
Number of Zones	1	1	3	6	3	6
Background Music	•	•	•	•	•	•
All Call	•	•	•	•	•	•
Group Call				•		•
Emergency Page Override		•	•	•	•	•
Night Ring/Time Clock Tones		•	•	•	•	•
Valcom Power Units Provided	+ 12	+ 20	+ 20	+ 30	+ 10	+ 20
Audio FXO Port	PBX Loop Start Trunk Port	◆	•	•	•	•
	Electronic Key Line Position	■				
	Dedicated Single Line Phone Set	▲				
FXS	PBX Ground Start Trunk Port	■		•	•	•
	Page Port (Telephone System Dependant)	▲		•	•	•
	Centrex or C.O. Line	●	Use V-9970		Add V-9940	
	PBX Analog Station Port (Loop Disconnect Required)	●	Use V-9970		Add V-9940	

Look for these orange symbols when selecting page controls

SIP Connection To Self-Amplified Speakers, IP Speakers or Legacy 25/70 Volt Amps

The Analog outputs on the VIP-201A and VIP-204A allow you to connect to modern self-amplified speakers or to legacy central amplified systems. The analog zones can be dialed individually or grouped. Multiple VIP-20x units can be used to give an infinite number of zones.

- Feedback Elimination Function
- SIP Night Ring Function
- SIP Loud Ringer Function
- On premise or hosted IP Telephone Systems

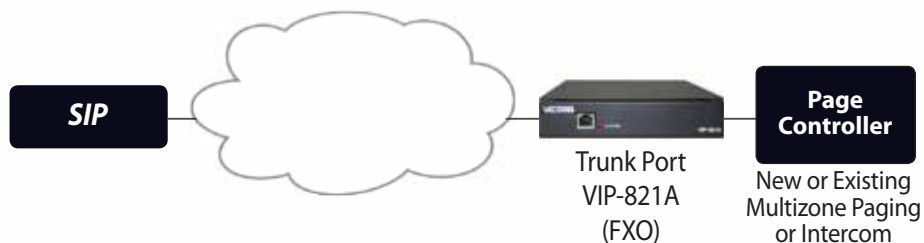


Existing Legacy Multi-Zone Paging

The VIP-821A allows for a SIP connection to a legacy multizone intercom or paging system. This is of great benefit to customers who have moved from a traditional analog PBX to an IP telephone system. Simply take the existing FXO port connection and connect it to the line port on the VIP-821A.

- Replaces Existing Wired FXO Connection
- Perfect for Any IP Telephone System
- Works with Hosted IP Telephone Systems

Plug the VIP-821A into a PoE port on the network and register it as a 3rd party SIP identity to your IP telephone system. The customer then dials the SIP identity of the VIP-821A. The VIP-821A comes off hook and draws dial-tone from the existing intercom or paging system. No reprogramming or retraining is required.



1 Zone of One-Way Analog Paging Plus 8 Zones SIP Station or 100 Zones SIP Trunk VIP-201A

- 1 Analog Audio Output
- 1 AUX Audio Input
- 2 Programmable Form C Relay Closures

4 Zones of One-Way Analog Paging Plus 8 Zones SIP Station or 100 Zones SIP Trunk VIP-204A

- 4 Analog Audio Output
- 1 AUX Audio Input
- 4 Programmable Form A Relay Closures



SIP 20W Gateway 25V VIP-851-25

SIP 20W Gateway 25/70/100V VIP-851-70/100



Audio Ports (Line Level -10dbm)

1 Audio Port VIP-801A

- 1 Audio Output & Input
- 1 Contact Closure Input
- 2 Programmable Form C Relay Contacts

InformaCast® VIP-801A-IC

2 Audio Ports VIP-802A

- 2 Audio Outputs & Inputs
- 2 Contact Closure Inputs
- 2 Programmable Form A Relay Contacts

4 Audio Ports VIP-804A

- 4 Audio Outputs & Inputs
- 4 Contact Closure Inputs
- 4 Programmable Form A Relay Contacts



FXS Ports (Station Ports)

1 FXS Port VIP-811A

- 1 RJ-11 FXS Port
- 2 Programmable Form C Relay Contacts

2 FXS Ports VIP-812A

- 2 RJ-11 FXS's
- 4 Programmable Form C Relay Contacts

4 FXS Ports VIP-814A

- 4 RJ-11 FXS's
- 4 Programmable Form C Relay Contacts



FXO Ports (Loop Start)

1 FXO Port VIP-821A

- 1 RJ-11 FXO
- 1 RJ-11 Telephone Failover Connection

2 FXO Ports VIP-822A

- 2 RJ-11 FXO's
- 2 RJ-11 Telephone Failover Connections

4 FXO Ports VIP-824A

- 4 RJ-11 FXO's
- 4 RJ-11 Telephone Failover Connections

Ceiling Speakers



Fastest and Easiest
Speaker to Install!

Analog Lay-In Ceiling Speakers		IP SoundPoints®	
A	2' x 2' Colors: White (Paintable), Custom Colors-CC	VPU	
	One-Way (2 Pack) 5.8lbs (2.63kg) V-9022A-2	①	
	One-Way European Ver. 5.8lbs (2.63kg) V-9022-EC	①	
	One-Way Dual-Input 5.8lbs (2.63kg) V-9028	①	
	IP One-Way SECURE 5.5lbs (2.49kg) VIP-402A		
	IP One-Way SECURE InformaCast® 5.8lbs (2.63kg) VIP-402A-IC		
	IP One-Way European Version 5.5lbs (2.49kg) VIP-402A-EC		
	Talkback 5.5lbs (2.49kg) V-9062	②	
Talkback 5.5lbs (2.49kg) VIP-422A			
IP Talkback, InformaCast® 5.5lbs (2.49kg) VIP-422A-IC			
U.S. Version: 23.75"L x 23.75"W x 3.75"D (60.33cm x 60.33cm x 9.53cm) European Version: 600mm x 600mm			
B	1' x 2' Colors: White (Paintable), Custom Colors-CC		
	One-Way V-9021	①	
11.75"L x 23.75"W x 3.75"D (29.85cm x 60.33cm x 9.53cm) 4.7lbs (2.13kg)			

Lay-In Ceiling Speakers™

Easy Lay-In Installation Replaces a 2' x 2' Tile

- Save Time, Effort & Money
- Get On & Off the Job Quickly
- No Cutting Tiles, No Broken Tiles, No Mess
- Lightweight - Weighs Slightly More Than a 2' x 2' Ceiling Tile
- Includes Integral Backbox that Meets/Exceeds ASTM E84 Flame & Smoke Test w/3 Hour Burn Rating

Accessory:

Trim T-Bar (10 Pack) V-TBAR
24.5"L x 1.0"W x 1.0"D (62.23cm x 2.54cm x 2.54cm) 3.5 lbs (1.58 kg)

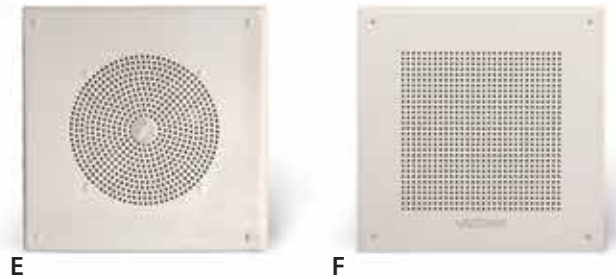
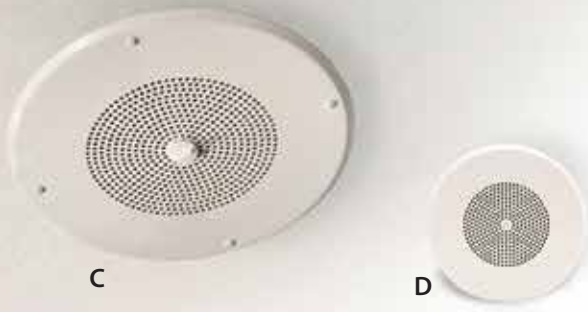
Step 2 Select Speakers & Horns

Easy Selection Considerations:

- Style, Decor & Color
- Indoor, Outdoor or Industrial Environments
- One-Way or Talkback
- Area to be Paged in Square Feet
- Determine Ceiling Heights & Type
- Noise Levels

Speaker / Horn Placement Guide

		Shows SPACE Between Horns & Square Foot Coverage PER Horn							
		Quiet 50-65dB	Moderate 65-80dB	Noisy 80-90dB	Very Noisy 90+dB				
Speakers	Ceiling Height x 2 = Speaker Placement Example: 8' Ceiling x 2 = Space Speakers 16' Apart								
	Wall Speaker Placement Spaced 20' Apart (One Per 600 sq. ft.)								
	Horns								
		5-Watt	15-Watt	30-Watt					
		110' (12,000sq.ft.)	-	-	30' (900sq.ft.)				
		-	-	-	45' (2,000sq.ft.)				
		-	-	-	60' (3,600sq.ft.)				
Power Pair Run									
# of Speakers/Horns Per Power Run					Power Run Wire Length in Feet				
# Interior Speakers	Signature Series™	Flex Horns	5-Watt Horns	15/30-Watt Horns	24 AWG	22 AWG	20 AWG	18 AWG	16 AWG
4	1	-	-	-	1000'	1600'	2500'	4000'	6400'
7	2	1	1	-	500'	800'	1280'	2025'	3220'
15	4	2	2	-	250'	400'	640'	1010'	1610'
30	8	4	4	1	125'	200'	320'	500'	805'



C&D

Round Ceiling Speakers

Exceptional Voice & Music Reproduction

- Contains Its Own Built-In Amplifier
- White Epoxy Finish
- "Pop-On/Pop-Off" Volume Control Knob
- Screwdriver Adjustable Volume Control in Front
- Available In Custom Colors
- Optional Bridges and Backboxes Below

Accessories: Mounting Hardware M=Metal, P=Plastic

Large Round Ceiling Speaker:

- Speaker Bridge** (5 Pack) V-9914M-5
- Pre-Construction Bridge** (10 Pack) V-9912M-10
- Post-Const. Mounting Ring** (12 Pack)..... V-9912P-12
- Backbox** (5 Pack) V-9915M-5
- Bridge/Backbox Combo**..... V-9916M

Small Round Ceiling Speaker:

- Speaker Bridge** (5 Pack) V-9904M-5
- Backbox** (5 Pack) V-9915M-5

*Must Use V-9904M-5 Bridge & V-9915M-5 Backbox Together for Combo
See Website for Measurements*






E&F

Square Ceiling Speakers

- Excellent Voice and Music Reproduction
- Wide Sound Dispersion
- Electrically, Acoustically Matched Components
- Sturdy Steel Grille

Accessories: Optional Backboxes

- Surface Mount** VB-S11 
11.63"H x 11.63"W x 3.94"D
- Recessed Mount** VB-R12 
10.75"H x 10.75"W x 3.94"D
- Angled Mount** VB-A13 
11.63"H x 11.63"W x 4.60"D[t] x 3.15"D[b]

Analog Round Ceiling Speakers		IP SoundPoints®
C	Large Round <i>Colors: White (Paintable), Custom Colors -CC</i>	VPU
	One-Way SECURE V-1020C -1	
	IP One-Way SECURE VIP-120A	
	13.0"Dia x 3.0"D (33.02cm x 7.62cm) 2.5lbs (1.13kg)	
	IP One-Way SECURE InformaCast® 2.5lbs (1.13kg) VIP-120A-IC	
D	Small Round <i>Colors: White (Paintable), Custom Colors -CC</i>	
	One-Way 1.7lbs (0.77kg) V-1010C -1	
	7.65"Dia x 2.9"D (19.43cm x 7.37cm)	

Analog Square Ceiling Speakers		IP SoundPoints®
E	Square Ceiling (Round Hole Pattern) <i>Colors: White (Paintable), Custom Colors -CC</i>	VPU
	One-Way V-1920C -1	
	"Pop-On/Pop-Off" Volume Control	
	Talkback (6 Pack) V-CTSQPK 0	
F	Square Ceiling (Square Hole Pattern) <i>Colors: White (Paintable), Custom Colors -CC</i>	
	One-Way V-1921 -1	
	IP One-Way or Talkback Programmable VIP-428A	
	IP One-Way, InformaCast® VIP-418A-IC	
	Talkback V-1961 0	
	IP Talkback, InformaCast® VIP-428A-IC	
	11.5"H x 11.5"W x 4.00"D (29.21cm x 29.21cm x 10.2cm) 4.0lbs (1.81kg)	

Ceiling Speakers



Fast Installation

Quick to Relocate!

A P-Tec™ Ceiling Speaker

Easy Push/Lock Speaker Installs in Tile Ceilings

- Great for Open Offices Where Speaker Relocation is Made Easier
- Side Dispersion Angle
- Lightweight, Easy to Mount and Move



B Pendant Speakers

Great for High Ceilings

Ideal for: Retail, Restaurant, Office, Hallway, and Covered Patios

- High-Efficiency Speaker
- Metal, Weather-Resistant Enclosure
- Simply Hang from Included Six Foot Chain *Black*



► **Accessory:** *Optional*

Additional Six Foot Chain V-1093BK

C Clean Room Speaker

Designed for Applications Where Concentration of Airborne Particles is Controlled. For Pharmaceutical, Medical & Other Critical Manufacturing Environments

- Large Rubber O-Ring to Seal the Grille to the Ceiling
- Rubber Washers for All Mounting Hardware
- Polycarbonate Dust Shield Between Speaker & Grille



D Surface Mount Ceiling Vandal-Resistant Speaker

Ideal for Concrete Ceilings & Harsh Areas: Correctional Institutions, Outside Entrances, Industrial

- Tapered Exterior, Heavy-Gauge Steel Construction
- Steel-Mesh Security Screen Prevents Objects from Penetrating Speaker
- Tamper-Resistant Screws Resist Removal
- White Epoxy Finish, Available in Custom Colors



Analog Ceiling Speakers		IP SoundPoints®	
A	P-Tec™ Color: White One-Way V-1001 Talkback V-1070 8.0"Dia x 2.5"H (20.32cm x 6.35cm) 0.75lbs (.34kg)	VPU	
		- 1	
		0	
B	Pendant Colors: Black -BK, Gray -GY, White -W, Custom Colors -CC One-Way Black Grill V-1015B One-Way White with White Grill . . .V-1015B-WW 5.8"Dia x 8.8"H (14.73cm x 22.35cm) 3.2lbs (1.45kg)		
		- 6	
		- 6	
C	Clean Room Color: White One-Way V-1040 IP One-Way or Talkback Programmable VIP-140A 13"Dia x 3.0"D (33.02cm x 7.62cm) 2.5lbs (1.13kg)		
		- 1	
D	Surface Mount Colors: White (Paintable), Custom Colors -CC One-Way V-9010-W 8.5"Dia x 5.1"D (21.59cm x 12.95cm) 4.8lbs (2.18kg)		
		- 1	



E Signature Series™ Lay-In Ceiling Speaker™

Easy Lay-In Installation Replaces a 2' x 2' Tile

- Save Time, Effort & Money - Get On & Off the Job Quickly
- No Cutting Tiles, No Broken Tiles, No Mess
- Lightweight - Weighs Slightly More Than a 2' x 2' Ceiling Tile
- Includes Integral Backbox that Meets/Exceeds ASTM E84 Flame & Smoke Test w/3 Hour Burn Rating
- White Epoxy Finish, Available in Custom Colors

Accessory:

- Use to Install in a 2' x 4' Ceiling Tile
- Trim T-Bar** (10 Pack) V-TBAR



F Signature Series™ Ceiling

For Premium Music Applications

- Exceptional Frequency Response for Voice And Music Reproduction
- "Pop-On/Pop-Off" Volume Control Knob
- White Epoxy Finish, Available in Custom Colors

Accessory: Optional

- Speaker Mounting Hardware:** M=Metal
- HiFi Bridge & Backbox** V-9816M



G Signature Series™ Monitor

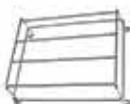
- Easy Install Shelf Mount or Wall Mount w/Optional Mounting Bracket
- Colors: Black, White and Custom Colors



Accessory: Optional

- Optional Wall Mounting Bracket** V-9804
- 5.8"H x 2.75"W x 2.05"D (14.73cm x 6.99cm x 5.21cm) 0.7lbs (0.32kg)

- Wire Cage** (2 Pack) V-WGWALL-2
- 12"H x 16.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm) 2.35lbs (1.1kg)



H Signature Series™ In-Wall

- Simply Recess in a Wall
- White Epoxy Finish



The Very Best In Music Quality!



Analog High-Fidelity Speakers		VPU
E	Signature Series™ Lay-In Colors: White (Paintable), Custom Colors -CC One-Way 5.5lbs (2.49kg) V-1422 23.75"L x 23.75"W x 3.75"D (60.33cm x 60.33cm x 9.53cm)	-4
F	Signature Series™ Ceiling Colors: White (Paintable), Custom Colors -CC One-Way V-1420 13"Dia x 3.0"D (33.02cm x 7.62cm) 3.5lbs (1.59kg)	-4
G	Signature Series™ Monitor Colors: Black -BK, White -W, Custom Colors -CC One-Way V-1440 7.00"H x 10.3"W x 4.70"D (17.78cm x 26.16cm x 11.94cm) 5.2lbs (2.36kg)	-4
H	Signature Series™ In-Wall Colors: White One-Way V-1450 12.00"H x 8.65"W x 3.20"D (30.48cm x 21.97cm x 8.13cm) 3lbs (1.36kg)	-4

Wall Speakers



A Slimline™

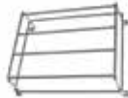
Modern & Affordable!

Ideal for Offices, Clinics, Retail, Dentist Waiting Rooms & Schools

- Excellent Voice & Music Quality *Good Looking ... Good Sounding ...*
- Easy Install - Simply Hang On a Single Screw or Use the 2 Screw Bosses

Accessory: *Optional*

Wire Cage (2 Pack) V-WGWALL-2
 12"H x 16.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm) 2.35lbs (1.1kg)



B Desktop/Wall

Reach People While They're On The Phone!

- Self-Standing - Rubber Feet Prevent Movement on a Desk Surface
- Mount on a Wall as a Mini-Speaker
 - Front Cover may be Rotated to Match Positioning on Wall
- Off-Hook Voice Announce with Handsfree Reply
- Volume Adjusted with Knob on Front
- Talkback Push Button Model Available
- IP Version Available - Call Valcom

C Track-Style

Ideal for Retail, Restaurants, Offices, Hallways & Covered Patios

- High-Efficiency Speaker
- Metal, Weather-Resistant Enclosure
- Attach Track Bracket to a Wall or Exposed Beam
- Colors: Black, White and Custom Colors
- Externally Accessible Volume Control
 Screwdriver Adjustable Through Hole in Grille

Analog Wall Speakers		
A Slimline™		VPU
<i>Colors: Black -BK, Gray -GY, White -W, Custom Colors -CC</i>		
One-Way 2.8lbs (1.27kg)..... V-1042		-1
<i>Colors: Black -BK and Custom Colors -CC</i>		
Talkback 2.7lbs (1.22kg) V-1046		0
7.0"H x 10.3"W x 3.4"D (17.78cm x 26.16cm x 8.64cm)		
Accessory: <i>Optional</i>		
Wire Cage (2 Pack)..... V-WGWALL-2		
12"H x 14.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm) 2.35lbs (1.1kg)		
B Desktop/Wall		
<i>Colors: Black -BK, Gray -GY, White -W</i>		
One-Way 0.6lbs (0.27kg)..... V-763		-1
Talkback 0.7lbs (0.32kg) V-762		0
Talkback w/Push Button 0.7lbs (0.32kg)..... V-764		0
3.9"H x 5.1"W x 3.2"D (9.91cm x 12.95cm x 8.13cm)		
C Track-Style		
<i>Colors: Black -BK, White -W and Custom Colors -CC</i>		
1-Watt		
One-Way Black Grill V-1013B		-1
One-Way White with White Grill V-1013B-WW		-1
5.8"Dia x 8.8"H (14.73cm x 22.35cm) 2.5lbs (1.13kg)		
5-Watt		
One-Way Black Grill V-1014B		-6
5.8"Dia x 8.8"H (14.73cm x 22.35cm) 3.1lbs (1.41kg)		



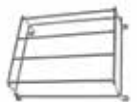
Analog Metal Wall Speakers		IP SoundPoints®	
D Metal Wall <i>Colors: Gray, (Paintable), Custom Colors -CC</i>	VPU		
One-Way V-1052C	①	VIP-430A	
IP One-Way or Talkback Programmable.....		VIP-410A-IC	
IP One-Way, InformaCast®.....			
Talkback..... V-1071	②	VIP-430A-IC	
IP Talkback, InformaCast®.....			
10.13"H x 12.31"W x 4.63"D (25.73cm x 31.27cm x 11.75cm)			
4.25lbs (1.91kg)			
Accessory: Optional			
Wire Cage (2 Pack)..... V-WGWALL-2			
12"H x 14.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm)			
2.35lbs (1.1kg)			
E Metal Corner <i>Colors: Gray, (Paintable), Custom Colors -CC</i>			
One-Way V-1054	①		
Talkback..... V-1055	②		
10"H x 12"W x 4.5"D (25.4cm x 30.48cm x 11.43cm)			
3.0lbs (1.36kg)			
F Square Wall Speaker <i>Colors: White (Paintable), Custom Colors -CC</i>			
One-Way V-1921	①	VIP-428A	
IP One-Way or Talkback Programmable.....		VIP-418A-IC	
IP One-Way, InformaCast®.....			
Talkback..... V-1961	②	VIP-428A-IC	
IP Talkback, InformaCast®.....			
11.5"H x 11.5"W x 4.00"D (29.21cm x 29.21cm x 10.2cm)			
4.0lbs (1.81kg)			

D Metal Wall

- Gray with Black Cloth Grille
- Steel with a Durable Powder Coated Gray Finish
- Easily Match any Decor by Changing Color of Enclosure
- Easy Installation - Screw Terminal Connection
- Excellent Voice and Music Reproduction

Accessory: Optional

Wire Cage (2 Pack) V-WGWALL-2
12"H x 16.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm) 2.35lbs (1.1kg)



E Metal Wall Corner

- Corner Speaker is Mounting Up Near Ceiling to Allow for Easy Wire Connection
- 8-Inch Speaker
- Paintable Metal Housing (Black Cloth Grille)
- Easy Installation - Screw Terminal Connection
- Excellent Voice and Music Reproduction

F Square Wall Speaker

- Line Output Supports Valcom Amplified Speakers
- White Paintable Metal

Backboxes: Optional

Surface Mount VB-S11
11.63"H x 11.63"W x 3.94"D



Recessed Mount VB-R12
10.75"H x 10.75"W x 3.94"D



Angled Mount VB-A13
11.63"H x 11.63"W x 4.60"D[t] x 3.15"D[b]



Wall Speakers



Analog Light Woodgrain Wall <i>Open-Weave Grille</i>		VPU
A	Angled Wall	
	One-Way V-1022C	-1
	10.75"H x 9.75"W x 5.0"D [t], 3.75"D [b] (27.31cm x 24.77cm x 12.70cm [t], 9.53cm [b]) 4.5lbs (2.03kg)	
	One-Way, Dual-Input V-1222	-1
	10.75"H x 9.75"W x 5.0"D [t], 3.75"D [b] (27.31cm x 24.77cm x 12.70cm [t], 9.53cm [b]) 4.5lbs (2.03kg)	
B	Bi-Directional Corridor	
	One-Way V-1026C	-1
	10.3"H x 10.3"W x 4.2"D (26.2cm x 26.2cm x 10.7cm) 5.6lbs (2.54kg)	

Analog Black & White Wall		VPU
Black		
C	One-Way V-1016-BK	-1
	9.7"H x 11.5"W x 4.0"D (24.6cm x 29.2cm x 10.16cm) 4.1lbs (1.86kg)	
	Talkback V-1061-BK	0
	9.6"H x 11.5"W x 4.2"D (24.38cm x 29.21cm x 10.67cm) 4.0lbs (1.81kg)	
White		
D	One-Way V-1016-W	-1
	9.7"H x 11.5"W x 4.0"D (24.6cm x 29.2cm x 10.16cm) 4.1lbs (1.86kg)	
	Talkback V-1061-W	0
	9.6"H x 11.5"W x 4.2"D (24.38cm x 29.21cm x 10.67cm) 4.0lbs (1.81kg)	
White Bi-Directional Corridor		
E	One-Way V-1026C-W	-1
	10.3"H x 10.3"W x 4.2"D (26.2cm x 26.2cm x 10.7cm) 5.6lbs (2.54kg) CE	



Analog Dark Woodgrain Wall <i>Cloth Grille</i>		VPU
F	Angled Wall	
	One-Way V-1023C	-1
	9.6"H x 11.5"W x 4.2"D (24.4cm x 29.2cm x 10.7cm) 4.1lbs (1.86kg)	
	Talkback V-1063A	0
	10.6"H x 9.7"W x 5.2"D (26.92cm x 24.64cm x 13.21cm) 4.0lbs (1.81kg)	



Accessory: *Optional*

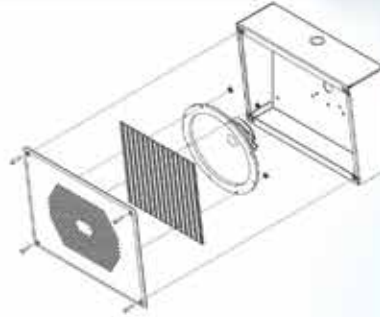
- Works with All Wall Speakers on page 16 (Except Bi-Directional Corridor Wall Speakers)



Wire Cage (2 Pack) V-WGWALL-2
12"H x 16.5"W x 5.5"D (30.5cm x 41.9cm x 14.0cm) 2.35lbs (1.1kg)

A Vandal-Resistant Wall Speakers

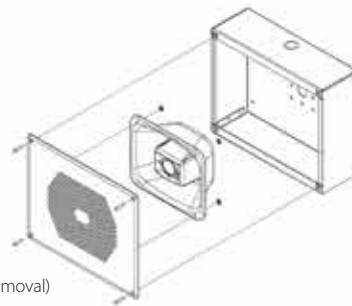
- Steel-Mesh Security-Baffle Prevents Objects from Penetrating the Speaker
- Tamper-Resistant Faceplate Screws Resist Removal
- Easy Mounting to Any Solid Surface
- Heavy-Gauge Steel Construction
- 8" Self-Amplified Speaker with Adjustable Volume
- Gray Powder-Coat Finish, Custom Colors Available on Request



Analog Vandal-Resistant Wall Speakers		VPU
Colors: Gray, (Paintable), Custom Colors -CC		
A One-Way	V-9852	- 1
Talkback	V-9871	0
10.00"H x 12.25"W x 4.00"D (25.4cm x 31.12cm x 10.16cm) 8.35lbs (3.8kg)		

B, C, D Vandal-Resistant FlexHorns™

- Steel Mesh Baffle Prevents Objects from Penetrating the Speaker
- Tamper-Resistant Faceplate (Screws Resist Removal)
- Mounting Holes for Single-Gang, Double-Gang or Octagon Outlet Box or Attachment to Any Solid Surface
- Heavy Gauge Steel Construction with Gray Powder Coat Finish, Custom Colors Available on Request



B Surface Mount Unit



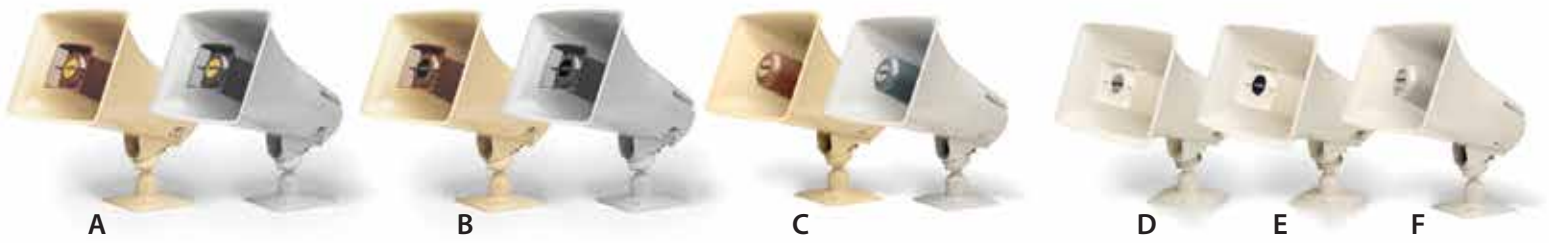
C Dual FlexHorn Surface Mount Unit Great for Hallways!



D Angled Surface Mount Unit

Analog Vandal-Resistant FlexHorns™		IP SoundPoints®
B Surface Mount Unit	VPU	
Colors: Gray, (Paintable), Custom Colors -CC		
One-Way	V-9880	- 3
Talkback	V-9890	0
IP One-Way or Talkback Programmable		VIP-580A
IP One-Way, InformaCast®		VIP-580A-IC
10.00"H x 12.25"W x 4.00"D (25.4cm x 31.12cm x 10.16cm) 8.35lbs (3.8kg)		
C Dual FlexHorn Surface Mount Unit		
Colors: Gray, (Paintable), Custom Colors -CC		
One-Way	V-9885	- 6
10.00"H x 12.25"W x 7.38"D (25.4cm x 31.12cm x 18.75cm) 12.1lbs (5.5kg)		
D Angled Surface Mount Unit		
Colors: Gray, (Paintable), Custom Colors -CC		
IP One-Way or Talkback Programmable		VIP-581A
IP One-Way, InformaCast®		VIP-581A-IC
10"H x 12.12"W x 4.00"D (25.4cm x 30.99cm x 10.16cm) 7.1lbs (3.22kg)		

Horns



A High-Efficiency Horns

B For Industrial, Manufacturing, Warehouse Areas
C

- Very High-Efficiency Ensures Penetration w/Lower Energy Consumption
- Features Easy Omni-Lock I-Beam Clamp Mounting System
- Suitable for Indoor or Outdoor Installation
- Weather-Resistant

G High-Noise

Environments When You Really Need Power

- Higher Noise Environment
- Stainless Steel Hardware
- Weather-Resistant

Requires -48 Vdc, 1A or VP-2148D Power Supply for 2 Horns



H Paging In Two Directions

Bi-Directional Horn is Ideal for Long, Narrow Aisles

- Ideal for: Warehouses, Parking Lots, Complexes, Stadiums
- Stainless Steel Hardware
- Suitable for Indoor or Outdoor Installation
- Weather-Resistant



I Explosive Atmospheres

Safety-Assured for Explosive Atmospheres

- Solid Metal Housing
- Includes V-1092 Volume Control
- UL Listed For Use In: Class I, Groups C&D Gas Atmospheres



Accessory: Wire Cage

for Horns (2 Pack) ... V-WGHORN-2
for All Horns (Except Bi-Directional & Explosion-Proof Horns)
19"H x 20.5"W x 17.5"D
(48.26cm x 52.07cm x 44.45cm)
7.05lbs (3.20kg)



D Marine Horns

E Resists Deteriorating Effects of Salt, Sun, High Humidity
F

- Equipped w/O-Ring Seals
- Features Easy Omni-Lock I-Beam Clamp Mounting System
- Suitable for Indoor or Outdoor Installation

Analog Horns		IP SoundPoints®	
High-Efficiency Horn		VPU	
A 5-Watt 3.6lbs (1.63kg)			
One-Way Beige..... V-1030C	-5	.....	VIP-130AL-BGE*
IP One-Way InformaCast® Beige.....		.....	VIP-130AL-BGE-IC*
One-Way Gray..... V-1030C-GY	-5	.....	VIP-130AL-GY*
IP One-Way InformaCast® Gray.....		.....	VIP-130AL-GY-IC*
B 15-Watt 3.7lbs (1.68kg)			
One-Way Beige..... V-1036C	-15		
One-Way Gray..... V-1036C-GY	-15		
C Talkback 3.4lbs (1.5kg)			
Talkback Beige..... V-1048C	0	.....	VIP-148AL-BGE*
IP Talkback InformaCast® Beige.....		.....	VIP-148AL-BGE-IC*
Talkback Gray..... V-1048C-GY	0	.....	VIP-148AL-GY*
IP Talkback InformaCast® Gray.....		.....	VIP-148AL-GY-IC*
7.38"H x 10.0"W x 10.4"D (18.75cm x 25.4cm x 26.42cm) IP Horns: 5.8lbs (2.63kg)			
Marine Horn			
D 5-Watt 3.7lbs (1.68kg)			
One-Way White..... V-1030M	-5	.....	VIP-130AL-M*
IP One-Way InformaCast® White.....		.....	VIP-130AL-M-IC*
E 15-Watt 3.7lbs (1.68kg)			
One-Way White..... V-1036M	-15		
F Talkback 3.5lbs (1.59kg)			
Talkback White..... V-1048M	0	.....	VIP-148AL-M*
IP Talkback InformaCast® White.....		.....	VIP-148AL-M-IC*
7.38"H x 10.0"W x 10.4"D (18.75cm x 25.4cm x 26.42cm) IP Horns: 5.8lbs (2.63kg)			
G 30-Watt			
One-Way Beige..... V-1038		Use 48VDC	
7.68"H x 12.25"W x 11.62"D (19.53cm x 31.12cm x 29.53cm) 4.1lbs (1.86kg)			
H Bi-Directional Horn			
One-Way Beige..... V-1050C	-6		
9.60"H x 8.20"W x 9.30"D (24.38cm x 20.83cm x 23.62cm) 6.3lbs (2.86kg)			
I Explosion-Proof Horn			
One-Way Gray..... V-1039A	-20		
6"H x 14"W x 17.5"D (15.24cm x 35.56cm x 44.45cm) 19lbs 8.62kg			
Talkback Gray..... V-1069A	0		
8"H x 14.6"W x 17"D (20.32cm x 37.08cm x 43.18cm) 19lbs (8.62kg)			

*Long Line Extender

Stealth Horns

A Stealth Horn

- Houses a Valcom One-Way FlexHorn™
- Surface Mount, Easy to Install
- 20-Gauge Aluminum Powder Coat Paint Cover

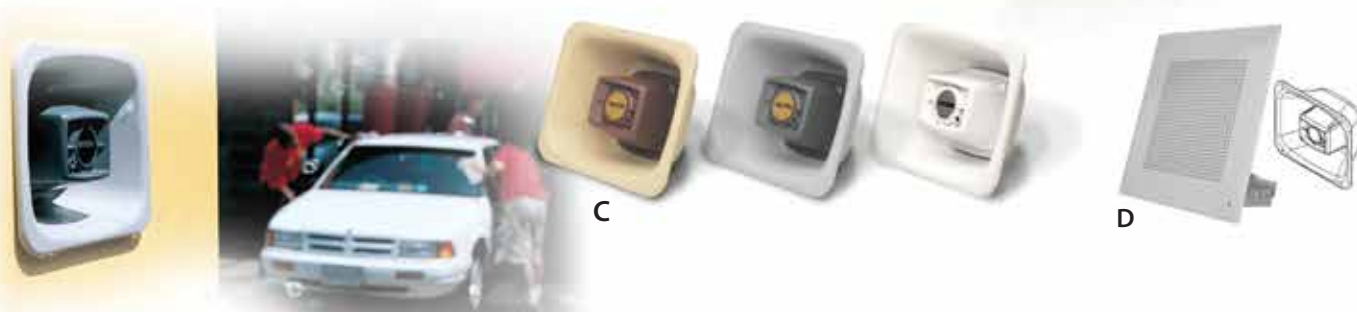

A

B Stealth Corridor Speaker — Surface Mount

- Corridor Houses a 6-Inch Speaker


B

Analog Stealth Horns		IP SoundPoints®	
A	Colors: Architectural Bronze -BR, White -W, Custom Colors -CC	VPU	
	One-Way Indoor/Outdoor 7.6lbs (3.45kg).....V-9830	③	VIP-9831A
	IP One-Way Indoor 12.1lbs (5.5kg).....		
	10.00"H x 12.25"W x 7.38"D (25.4cm x 31.12cm x 18.75cm)		
B	Stealth Speaker Corridor Surface Mount		
	Colors: Architectural Bronze -BR, White -W, Custom Colors -CC		
	One-Way Indoor .....V-9815	③	VIP-9815A
	IP One-Way or Talkback Programmable Indoor.....		VIP-9815A-IC
	IP One-Way, InformaCast® Indoor.....		VIP-9815AL-IC
	9.3"H x 15.0"W x 5.0"D (23.6cm x 38.1cm x 12.7cm) 5.5lbs (2.05kg)		


C
D

FlexHorn™ — The Rugged Speaker

A Compact Design Perfect For:

- Low Ceilings Such as Light Manufacturing or Multi-Floor Warehouses
- Low to Moderate Noise Environments
- Perfect Solution for Gymnasiums, Prisons, Subways, Train Stations, Schools, Drive-Thrus, & Parking Garages
- Water-Proof for Environments Requiring Direct Spray Down Such as Car Washes, Food Processing Plants, & Operating Rooms

Mounting Options:

Recessed FlexHorn
The V-1080 and V-1090 Can Be Mounted in Wall.

Adjustable Mounting Bracket

• Included with FlexHorn
Mount on Wall, Ceiling, or Beam..... V-9804
5.8"H x 2.75"W x 2.05"D
(14.73cm x 6.99cm x 5.21cm) 0.7lbs (0.32kg)



Accessories:

Wire Cage (2 Pack)..... V-WGFLEX-2
13.00"H x 14.88"W x 10.51"D
(33.02cm x 37.80cm x 26.70cm) 3.2lbs (1.50kg)



To Make FlexHorns Vandal-Resistant:

Stainless Steel
Enclosure & Faceplate V-9805
8.50"H x 11.00"W x 4.00"D
(21.59cm x 27.94cm x 10.16cm) 7.5lbs (3.4kg)



Stainless Steel
Faceplate..... V-9806
8.50"H x 11.00"W x .125"D
(21.59cm x 27.94cm x .32cm) 2.0 lbs (0.91 kg)



Heavy Gauge Steel, Gray, Paintable
Enclosure & Faceplate V-9809
10.00"H x 12.25"W x 4.00"D
(25.4cm x 31.12cm x 10.16cm) 7.0lbs (3.2kg)



Analog FlexHorn™		IP SoundPoints®	
C	Colors: Beige - BGE, Gray -GY, White -W	VPU	
	One-Way 2.1lbs (0.95kg) .....V-1080	③	VIP-480AL*
	IP One-Way InformaCast®		VIP-480AL-IC*
	Talkback 2.0lbs (0.91kg) .....V-1090	①	VIP-490AL*
	IP Talkback InformaCast®		VIP-490AL-IC*
	6.80"H x 8.30"W x 3.30"D (17.27cm x 21.08cm x 8.38cm)		
D	IP FlexHorn Square Surface Mount Faceplate		
	White, (Paintable), Custom Colors -CC		
	IP One-Way or Talkback Programmable.....VIP-9880A		
	IP One-Way, InformaCast®		VIP-9880A-IC
	11.5"H x 11.5"W x 4.00"D (29.21cm x 29.21cm x 10.2cm) 4.0lbs (1.81kg)		
	Backbox: Recessed Mount.....VB-R17-D		
	9.63"H x 9.63"W x 5.94"D (24.46cm x 24.46cm x 15.088cm)		

* Long Line Extender

Power Supplies

Meets Energy Star Rating!

Power Supplies with Long Life Capacity!

- Smaller Footprint
- 100 – 240V
- Wall, Rack/Rail Mount, Mounting Bracket Included
- Less Energy/Less Heat
- Barrel to Wire Connection



12 Amp/24V

6 Amp/24V



- Three Outputs, 2 Amps Each
- Regulated and Filtered
- Floating Output
- Input Fuse Protected
- Output Protected
- Wall Mount Plate Included

Analog		Digital	VPU
A	300mA/24V	VP-324D	+6
2.84"H x 1.73"W x 1.08"D (7.21cm x 4.40cm x 2.74cm) 0.20lbs (0.09kg)			
B	600mA/24V	VP-624D	+12
1.42"H x 1.50"W x 3.58"L (3.6cm x 3.8cm x 9.1cm) 0.36lbs (0.17kg)			
C	1 Amp/24V	VP-1124D	+20
C	1 Amp/24V UK Version	VP-1124D-UK	+20
1.25"H x 1.80"W x 3.88"L (3.2cm x 4.6cm x 9.9cm) 0.40lbs (0.2kg)			
D	2 Amp/24V	VP-2124D	+40
D	2 Amp/24V European Version	VP-2124D-EC	+40
D	2 Amp/24V UK Version	VP-2124D-UK	+40
1.45"L x 2.35"W x 4.75"L (3.7cm x 2.35cm x 12.1cm) 0.60lbs (0.3kg)			
E	2 Amp/-48V	VP-2148D	N/A
For the V-1038, 30-Watt Horn, page 18 1.5"H x 2.60"W x 6.61"L (3.9cm x 6.6cm x 16.8cm) 1.10lbs (0.5kg)			
F	4 Amp/24V	VP-4124D	+80
F	4 Amp/24V European Version	VP-4124D-EC	+80
1.4"H x 2.65"W x 6.65"L (3.6cm x 6.7cm x 16.9cm) 1.15lbs (0.52kg)			
230Vdc Power Supplies:			
-EC European Power Supply (Plug Included)			
-UK United Kingdom Power Supply (Plug Included)			
-E 230Vdc Power Supply (Without Plug)			

Analog		Switching	Digital	VPU
G	6 Amp/24V	VP-6124		+120
G	6 Amp/230 VAC / .86A; 165W European Version	VP-6124-E		+120
10.30"H x 5.92"W x 2.50"D (26.16cm x 15.04cm x 6.35cm) 5.0lbs (2.27kg)				
Power Supply Shelf Holds Two VP-6124 Power Supplies		VP-9202		N/A
• Occupies Two RU's (Rack Spaces or Units) in a Standard 19" Rack 12.5"H x 5"W x 0.75"D (31.75cm x 12.7cm x 1.9cm) 5.4lbs (2.43kg)				
H	12 Amp/24V	VP-12124		+240
12.10"H x 8.70"W x 3.90"D (30.70cm x 22.10cm x 9.90cm) 7.7lbs (3.5kg)				

Analog		Special Purpose	VPU
Power for V-9970, Page 8			
• Receptacle Mount			
400mA/12V Unfiltered	VP-412A		N/A
2.60"H x 2.00"W x 2.30"D (6.60cm x 5.08cm x 5.84cm) 0.5lbs (0.23kg)			

IP Local Power Option for VoIP Products		VPU
• Receptacle Mount		
IP 24VDC, 300mA	VIP-324D	
2.84"H x 1.73"W x 1.08"D (7.21cm x 4.40cm x 2.74cm) 0.20lbs (0.09kg)		

Step 3 Select a Power Supply

Built-in power is often included in the page control, so an additional power supply may not be needed. The amount of power required for a paging system is based on the quantity and type of page control and speakers/horns selected.

Easy Selection Considerations:

Valcom Products are Assigned Valcom Power Units (VPU)

Products Either **Provide + #** or **Consume - #** Power

Valcom Power Units Make It Easy!

Simply Total All:	Example:
a. Page Control VPU's	Page Control 1 x +30 = +30 VPU Provided
b. Speaker/Horn VPU's	Speakers 15 x -1 = -15 VPU Consumed
c. Subtract b. from a.	= +15 VPU's LEFT OVER
	NO Power Supply Needed!

- Products that Neither Consume NOR Provide Power are a 0
- Note: One Valcom Power Unit = 50mA, -24 Vdc
- VPU Listings are on the Product Pages & Index
- Have VPU's Left Over - You Can Add More Speakers!
- Need More - Simply Select a Power Supply with Enough VPU's to Make up the Difference!

Back-Up Power

Battery Back-Up Power

- Contains Long Life Maintenance-Free Gel Cell Batteries
- Fuse-Protected AC Input, Current Limiting on Output
- Connects Directly to Battery Back-Up Molex Connector on Compatible Equipment
- 12 and 24 Volts DC, Fused at 3 Amps



Battery Back-Up Charger

- Provides a Battery Source to Permit System Operation in the Event of an AC Power Failure
- Specifications: 14AH @ -24Vd
- For Use with VP-6124 Power Supply/VBB-1424



Battery Box with Batteries (Not Pictured)

- Complete your UPS System with Battery Support
- For Use with VP-6124 / VP-6124-UPS

Analog		Battery Back-Up Power	VPU
I	Battery Back-Up Power	VPB-260	N/A
9.25"H x 7.5"W x 5.25"D (23.5cm x 19.05cm x 13.3cm) 16lbs (7.2kg)			
J	Battery Back-Up Charger	VP-6124-UPS	0
10.30"H x 3.50"W x 2.25"D (26.16cm x 8.89cm x 5.72cm) 2.90lbs (1.32kg)			
No Pic.	Battery Box with Batteries	VBB-1424	0
5.52"H x 8.03"W x 10.82"D (14.02cm x 20.40cm x 27.48cm) 17.5lbs (7.88kg)			

SIP Door Intercom

Exterior IP intercom and door phone with paging capabilities. Using a standard electrical junction box enclosure for flush mount or outdoor surface junction box... This IP intercom can be easily installed in a variety of environments such as assisted living facilities, correctional facilities, business offices, school classrooms and more. Communicate with or without a SIP PBX.

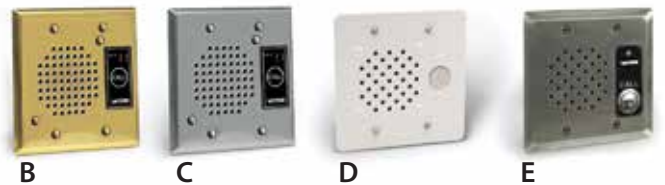
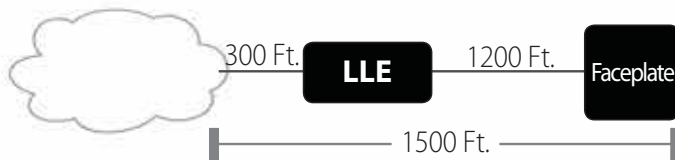
- SIP Compliant and Valcom Gateway Accessible
- Peer-to-Peer Capable
- PoE 802.3af Enabled (Power-over-Ethernet)
- Optional: Hi Security Smart Relay for Door Latches — VM-SRLY
- Fully Network Configurable
- Uses a Standard Electrical Junction Box Enclosure
- High Loudspeaker Levels for Use in Moderate to High Noise Areas
- Paging Speaker Feature
- Mic and Speaker Volume Control
- Stainless Steel
- LED Call Status
- Multicast
- Enhanced Tamper-Resistance
- Optional: FXS or FXO Access

Designed, manufactured and supported in the USA.



A VIP-176

SIP Intercom with Long Line Extender (LLE)



Long Line Situations Such as Elevators, etc.

- Use with Cisco, Nortel, Avaya, and Most Modern IP Telephone Systems
- Automatic Talkback VOX Operation (No Push to Talk Button Needed)
- Companion to IP CCTV Cameras
- SIP or Multicast Communications
- All Call 1000's of Units with Valcom Gateway
- LED Status Indicator
- Weather and Tamper-Resistant
- Compatible with Secure Networks
- Supervision with Alert Functions
- DHCP Addressable
- High Survivability – No Server Needed
- Built-In Access Control Relay

Flush Mount Vandal-Resistant

- Weather-Resistant
- Talkback Speaker
- Call Button
- Mounts in Standard Double Gang Electric Box
- 11 Gauge Steel, White Paintable Faceplate
- 16 Gauge Steel, Stainless Steel Faceplate - IP Version



Accessory:
Doorbox Weather Guard
 Black V-9910-BK
 Yellow V-9910-YEL

Doorplate Speakers		Analogue	SIP
A	SIP Doorplate Vandal-Resistant IP Talkback Stainless Steel 0.75lbs (0.34kg) 4.75"H x 4.75"W x 2.25"D (12.06cm x 12.06cm x 5.71cm)	VPU	VIP-176
B	Brass Talkback V-1072A-BRASS Talkback w/LED V-1072B-BRASS 4.5"H x 4.5"W x 1.3"D (11.43cm x 11.43cm x 3.30cm) 0.5lbs (0.23kg)	0	VIP-172AL-BRASS*
C	Stainless Steel Talkback V-1072A-ST Talkback w/LED V-1072B-ST 4.5"H x 4.5"W x 1.3"D (11.43cm x 11.43cm x 3.30cm) 0.5lbs (0.23kg)	0	VIP-172AL-ST*
D	Vandal-Resistant Talkback White 1.5lbs (0.68kg) V-1073	0	VIP-172AL-VRSS*
E	Talkback w/LED Stainless Steel 1.68lbs (0.76kg) 4.5"H x 4.5"W x 1.75"D (11.43cm x 11.43cm x 4.45cm)	0	VIP-172AL-VRSS*

* Long Line Extender

Analog Door Answering/Unlock Devices

Answer & Door Unlock Capability



F

Single Door

- Door Unlock Contact Closure (Strikeplate Required)
- Alarm Functions
- Transmit and Receive Volume Controls
- Background Music Input with Volume Control
- Built-In Ring Generator with On/Off Switch
- 3 Distinctive Ring Patterns
- Programmable Options Include:
 - Door Unlock Codes
 - # of Ring Cycles Before Door Request is Terminated
 - Time the Door Remains Unlocked
- Requires -24 Vdc, 600mA (Filtered)



G

- Four Door** – All the Functions of the Single Door Plus:
 - Places Simultaneous Calls In Queue

Answering Control (Does Not Provide Door Unlock Capability)

Single Door

- Ring Generator
- Built-In Talkback Amplifier
- Transmit and Receive Volume Control
- Provides Two-Way Communication
- Power Supply Included (VP-324D)



H

Door Answering Devices		Analogue
F	Single Door V-2901A 8.60"H x 11.00"W x 2.30"D (21.84cm x 27.94cm x 5.84cm) 3.0lbs (1.36kg)	VPU -12
G	Four Door V-2904 8.60"H x 11.00"W x 2.30"D (21.84cm x 27.94cm x 5.84cm) 3.1lbs (1.41kg)	-12
H	Single Door Answering Control V-2900 8.25"H x 4.5"W x 2.35"D (20.96cm x 11.43cm x 5.97cm) 3.1lbs (1.41kg)	0

Privacy - Noise Generator



A

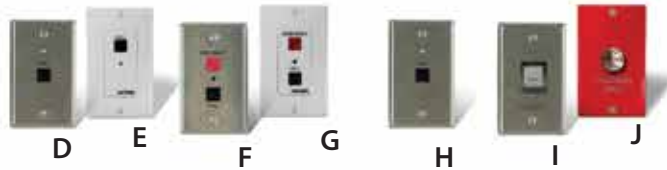
Spot SoundMasking Speaker™ w/Noise Generator

Reduces Possibility of Conversations Being Overheard by Hallway Traffic — Ideal for Clergy, Human Resources, Counselors, Financial Offices & Attorneys

- Constant 'White Noise' (Hissing Sound)
- Built-In Electronics and Power Supply Included
- Easy Installation - Replaces A Hallway Ceiling Tile
- Self-Contained With Built-In Masking Source and Amplifier
- T-Bar Included

Analog Spot SoundMasking		VPU
Colors: White (Paintable), Custom Colors -CC		
A	2' x 2' Lay-In Spot SoundMasking Speaker.....V-9422 23.75"L x 23.75"W x 3.75"D (60.33cm x 60.33cm x 9.53cm) 5.5lbs (2.48kg) ASTM E84, CE	NA

Call Buttons



D

E

F

G

H

I

J

Call-In Switches

Provides Remote Call-In Capability

- Fits a Single Gang Box

Analog Call-In Switches		VPU
With Volume Control		
D	Call-In Switch <i>Stainless Steel</i> .....V-2971 4.5"H x 2.75"W x 1.0"D (11.43cm x 6.99cm x 2.54cm) 0.2lbs (0.09kg)	0
E	Call-In Switch <i>White</i> .....V-2991-W 4.5"H x 2.75"W x 0.75"D (11.43cm x 6.99cm x 1.91cm) 0.2lbs (0.09kg)	0
F	Emergency/Normal Call Switch <i>Stainless Steel</i> .....V-2970 4.5"H x 2.75"W x 1.0"D (11.43cm x 6.99cm x 2.54cm) 0.2lbs (0.09kg)	0
G	Emergency/Normal Call Switch <i>White</i> .....V-2995-W 4.5"H x 2.75"W x 1.0"D (11.43cm x 6.99cm x 2.54cm) 0.2lbs (0.09kg)	0
H	Call-In Switch w/Privacy Switch <i>White</i> .....V-9320 4.5"H x 2.75"W x 1.0"D (11.43cm x 6.99cm x 2.54cm) 0.2lbs (0.09kg)	0
Without Volume Control		
I	Rocker Push Button Call-In Switch <i>Stainless Steel</i> V-2972PK 4.5"H x 2.75"W x 1.5"D (11.43cm x 6.99cm x 3.91cm) 6 Pack: 1.1lbs (0.5kg)	0
J	Emergency Call-In Switch <i>Vandal-Resistant, Red</i> .....V-2976 4.50"H x 2.75"W x 1.00"D (11.43cm x 6.98cm x 2.54cm) 0.25lbs (0.12kg)	0

Measuring Sound

Volume Control Sensors

When Noise Levels Change, So Do Your Speakers – Automatically

- Constantly Monitors the Area & Automatically Adjusts the Volume of the Paging Speakers
- Use One Per Zone and/or One Per Noise Area
- Specifications: Output Impedance: 8 ohm
- Power Requirements: -24Vdc, 100mA



B

Remote Microphone (Must be used w/V-9933A)

Measure Your Environments Sound Level

- Self-Contained Microphone & Pre-Amp
- No Power Supply Required
- Up to 4 Units May Be Paralleled on One V-9933A



C

Analog Volume Control Sensors		VPU
B	Noise Sensing Volume Control .....V-9933A 7.30"H x 4.50"W x 2.00"D (18.54cm x 11.43cm x 5.08cm) 0.9lbs (0.41kg)	2
C	Remote Microphone .....V-9934 1.50"H x 2.90"W x 0.81"D (3.81cm x 7.37cm x 2.06cm) 0.06lbs (0.03kg)	NA

Controlling Sound



K

L

M

N

Speaker Volume Controls

- Controls Volume of up to 150 One-Way Speakers
- Stainless Steel or White

Analog Speaker Volume Controls		VPU
K	Speaker Volume Control <i>Stainless Steel</i> .....V-1092 4.5"H x 2.75"W x 2.0"D (11.43cm x 6.99cm x 5.08cm) 0.8lbs (0.36kg)	0
L	Speaker Volume Control without Single Gang Box <i>Stainless Steel</i> .....V-1092B 4.5"H x 2.75"W x 1.0"D (11.43cm x 6.99cm x 2.54cm) 0.2lbs (0.09kg)	0
M	Speaker Volume Control <i>White</i> .....V-2992-W 4.5"H x 2.75"W x 0.63"D (11.43cm x 6.99cm x 1.59cm) 0.2lbs (0.09kg)	0
N	Speaker Volume Control-Slide Switch <i>Stainless Steel</i> .....V-1097 4.5"H x 2.75"W x 2.0"D (11.43cm x 6.99cm x 5.08cm) 0.8lbs (0.36kg) ADA Compliant	0

Microphones

Microphone Panel w/ Stored Messages



Record Up to 8 Stored Messages—Microphone for Live Announcements

- Stores & Plays Up to 8 Recorded Messages over Paging System
- Provides 8 Minutes of High Quality Digital Recording
- Eight Front Panel Buttons – Each with LED Message Cancel Button
- Push-to-Talk Microphone for Live Announcements
- Power "ON" & Visual System Fault Indicator
- Easy Programming to Upload/Download Voice Messages
- Optional Audio Interface Available (V-1096)

Analog Microphone Panel		VPU
A	Stored Message/Mic Page Panel V-9908 4.25"H x 5"W x 2"D (10.8cm x 12.7cm x 5.08cm) 4.0lbs (1.5kg)	-5
No Pic.	Audio Interface V-1096 1.75"H x 3.75"W x 1.25"D (4.45cm x 9.53cm x 3.2cm) 0.5lbs (0.23kg)	0

Microphones

Desk Paging Microphone

- Omni-Directional Pickup Pattern
- Push-To-Talk Switch & Locking Bar
- Lift-to-Talk Switch w/Bypass Slide Switch Provided



Dynamic Noise Canceling Microphone

- Handheld w/Press-To-Talk Lever
- Heavy Duty Coil Cord Extends to 6'



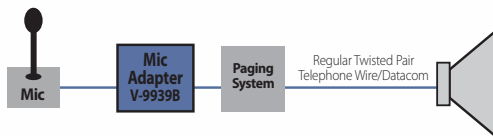
Gooseneck Microphone

- Omni-Directional Pickup Pattern
- Push-To-Talk Switch



Microphone Adapter

- Provides Contact Closure
- Specifications: In/Out Impedance: 50Kohm Unbalanced; 600ohm Balanced; Power Requirements: -24Vdc Filtered 40mA



Analog Microphones		VPU
B	Desk Paging Microphone V-400 9.4"H x 4.0"W x 6.0"D (23.88cm x 10.16cm x 15.24cm) 1.4lbs (0.64kg)	0
C	Dynamic Noise Canceling Microphone V-420 3.94"H x 2.97"W x 2.63"D (10.00cm x 7.54cm x 6.68cm) 0.63lbs (0.29kg)	0
D	Gooseneck Microphone V-450 Microphone: 1.75"Dia x 4.625"L (4.44cm x 11.75cm), Gooseneck 19"L (48.26cm) 1.3lbs (0.59kg)	0
E	Microphone Adapter V-9939C 8.25"H x 4.5"W x 2.35"D (20.95cm x 11.43cm x 5.97cm) 0.7lbs (0.32kg)	-1

Paging Expansion

Input Line Matching Transformer



Connects System to Most Public Address Amps for Phone Paging

- Functions as Output-matching Transformer to Feed Program Material Over a 600-ohm Telephone Line for "Music-on-Hold"
- Compatible w/Any 25V Output Connection Amplifier
- Hi-Z, 10k-ohm Primary Impedance
- Lo-Z, 600-ohm Secondary Impedance, Balanced w/Center Tap
- Matches High-to-Low Impedance or Low-to-High Impedance
- Adapts Line Level Signals to Microphone Inputs

Audio Isolation Transformer



- Magnetically Coupling Line Level Audio
- Isolating Ground References From One Audio Circuit to Another

25/70/100 Volt Paging Expansion

Expand 25/70/100 Volt Systems w/o Straining the Existing Amplifier

- Connects to Amplifier Output or Anywhere on 25/70/100 Volt Line
- No Costly Amplifiers or Heavy Gauge Cable Required
- Specifications: Output Impedance: 8 ohm
- Single Gang Box



Analog Paging Expansion		VPU
F	Input Line Matching Transformer VMT-1 1.75"H x 3.75"W x 1.25"D (4.45cm x 9.53cm x 3.18cm) 0.5lbs (0.23kg)	N/A
G	Audio Isolation Transformer VMT-2 1.75"H x 3.75"W x 1.25"D (4.45cm x 9.53cm x 3.18cm) 0.5lbs (0.23kg)	N/A
H	70 Volt Expander <i>Stainless Steel</i> V-1095 4.5"H x 2.75"W x 2.88"D (11.43cm x 6.99cm x 7.32cm) 0.9lbs (0.41kg)	0

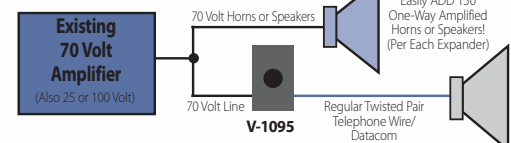
Page Expansion

With These Little Boxes You Can Add Speakers On & On & On...

- Pre-Amplifies Low Level Audio to Remote Sites
- Virtually Unlimited Expansion (150 One-Way Speakers Per Box)
- Master Volume Control for Entire System/Groups of Remote Speakers
- Isolates Page Port from Speaker Lines
- Specifications: Output Impedance: 8 ohm Power Requirements: -24Vdc, 45mA
- Single Gang Box

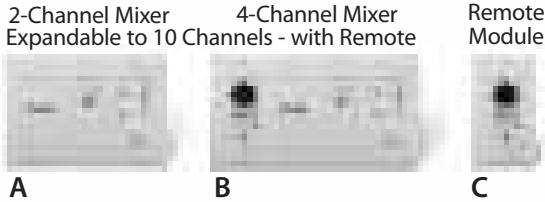


Unlimited Expansion Is A Breeze w/Valcom Amplified Speakers



Analog Paging Expansion		VPU
I	Page Port PreAmp/Expander <i>Stainless Steel</i> V-1094A 4.5"H x 2.75"W x 2.0"D (11.43cm x 6.99cm x 5.08cm) 0.8lbs (0.38kg)	-1
J	Page Port PreAmp/Expander w/o Single Gang Box SS ... V-1094B 4.5"H x 2.75"W x 0.75"D (11.43cm x 6.99cm x 1.91cm) 0.2lbs (0.09kg)	-1
K	Page Port PreAmp/Expander <i>White</i> V-2994-W 4.5"H x 2.75"W x 1.70"D (11.43cm x 6.99cm x 4.32cm) 0.2lbs (0.09kg)	-1

Managing Sound



A Complete Sound System Ideal For:

- Conference Rooms
- Meeting Rooms
- Restaurants
- Institutional Cafeterias
- Lecture Halls
- Auditoriums
- Sporting Complexes
- Gymnasiums

In-Wall Modular Mixer

Channel Mixers (Common Features: V-9983-W & V-9985-W)

- Built-In Compressor (Option Switch Controlled) for Automatic Consistent Volume Level Adjustment Even When Voices Vary - Low to High
- Master Volume Control for Optimum Volume Adjustments & Volume Control for Each Input
- 1 General Building Page Input (-10dBm) Overrides All Others
- Drives 50 Amplified Speakers/Horns
- 8 Segment LED Meter for Visual Indication of Audio Signal Levels
- Full Frequency Range Output for Speakers
- High Pass Output Horn Filter

Remote Module

- Provides 1 Balanced XLR Microphone Input & 1 Auxiliary Input for MP3 Players, CD, DVD or PC's
- Connects to Main Control Module, w/2 Pair 24 AWG Cable
- Volume Control for Each Input
- Power "ON" Indicator
- Phantom Power (Switch Controlled) w/"ON" Indicator Allows Use of Consumer Microphone

6 Channel Amplifier

- 6 Independent Channels of Amplification
- 4 (Four) 10 Watt Outputs/2 (Two) 40 Watt Outputs
- Quick Release Screw Terminals
- Activity Led Indicators
- High Pass Horn Filter on 40 Watt Outputs
- Independent Volume Controls for Each Channel
- Power Indicator
- Transformer Coupled Inputs
- 115 - 250 Vac



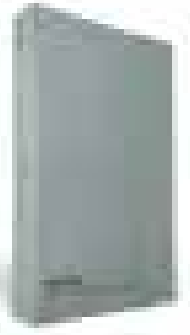
Analog Managing Sound		VPU
A	2 Channel In-Wall Mixer <i>White</i> V-9983-W Mounts in 3-Gang Electrical Box 4.25"H x 5"W x 2"D (10.80cm x 12.7cm x 5.08cm) 0.4lbs (0.18kg)	-1
B	4 Channel In-Wall Mixer <i>White</i> V-9985-W Mounts in 4-Gang Electrical Box 4.25"H x 5"W x 2"D (10.80cm x 12.7cm x 5.08cm) 0.6lbs (0.27kg)	-1
C	In-Wall Remote Module <i>White</i> V-9984-W Mounts in 1-Gang Electrical Box 4.25"H x 1.64"W x 2"D (10.80cm x 4.17cm x 5.08cm) 0.25lbs (0.11kg)	-1
D	6 Channel Amplifier (70 Volt) V-6120 3.5"H x 17.0"W x 15.0"D (8.89cm x 43.18cm x 38.1cm) 21.0lbs (9.53kg)	0

Eliminate Feedback

Digital Stacking Feedback Eliminator

Eliminate Busy Signals On Heavily Used Paging Systems/Prevents Acoustic Feedback

- Multiple Messages Recorded Simultaneously
- Stacks Messages - Records a Page While Playing One
- One Unit Eliminates Feedback to ALL Zones
- Automatic Consistent Volume Level Even When Recording Voices Vary - Low to High
- High-Fidelity - Voice Sounds Natural Not Like A Recording
- LED Indicators for Play, Record, Busy, Power
- Dipswitch Features: Pre-Announce Alert Tone, Priority Override (Real Time or Delayed), DTMF Message Cancel
- Real Time Background Music Input w/Volume Control
- Two Audio Outputs: 8 & 600 ohms
- Emergency Messages Can Interrupt Play Back Sequence
- Power Requirements: -24Vdc, 250mA



Background Music

Message-On-Hold USB Devices

A Solid-State Digital Message Repeater Installs Easily Into Any Messaging Application That Requires Triggered, Continuous or Timed Message Play

- Messages & MP3 Files are Stored on 16MB - 4GB USB Flash Drives
- Playback Quality Up to 128Kbps
- Built-In Monitor Speaker
- LED Status Indicator
- Store Up to 99 Messages
- Triggered and/or Timed Playback
- Active Output Indication Trigger
- Auxiliary 12VDC Output for Wiring Sensors
- Power Supply Included



Analog Feedback & Background Music		VPU
E	Stacking Feedback Eliminator V-9964 11.76"H x 7.10"W x 1.72"D (29.87cm x 18.03cm x 4.37cm) 2.6lbs (1.18kg)	-6
F	USB Multi-Messenger Device V-9989 5.1"H x 6.03"W x 1.75"D (12.95cm x 15.32cm x 4.45 cm) 2.4lbs (1.08kg)	0
G	USB Message-On-Hold Device V-9988 5.1"H x 6.03"W x 1.75"D (12.95cm x 15.32cm x 4.45cm) 2.1lbs (1.04kg)	0

Auxiliary Relay Units for Strobe Activation, Door Control, Camera Control

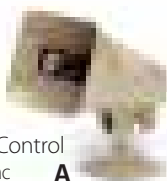
- Three 24Vdc 2 Pole Relays with 1 Amp Contacts
- Screw Terminals for All Connections
- Independent Control or Simultaneous Operation of Relays
- Expandable to 6 Relays by Adding V-9957 Expansion Board

Analog Auxiliary Relay Units		VPU
No Pic.	Auxiliary Relay Unit V-9955 11.76"H x 7.10"W x 1.72"D (29.87cm x 18.03cm x 4.37cm) 2.6lbs (1.18kg)	0
No Pic.	Auxiliary Relay Expansion Unit (for use with the V-9955) ... V-9957 5.1"H x 6.03"W x 1.75"D (12.95cm x 15.32cm x 4.45 cm) 2.4lbs (1.08kg)	0

Alerting

Loud Warble Ringer Horn

- 90VAC Ring or 18VAC Buzzer Voltage Activation
- Connects Directly to PBX Station
- Built-In Tone Generator, 5-Watt Amplifier, & Volume Control
- Power Requirements: -24Vdc, 500mA Activate with 90Vac, 18Vac



A

Analog Ringer Horns		VPU
A	Loud Warble Ringer Horn.....V-9925A 6.50"H x 8.20"W x 10.40"D (16.51cm x 20.83cm x 26.42cm) 3.6lbs (1.63kg)	-10
	Single Tone Warble Horn Power Supply Included .....V-9945A 6.50"H x 8.20"W x 10.40"D (16.51cm x 20.83cm x 26.42cm) 4.3lbs (1.95kg) FCC Part 15	Power Included

Flash of Light to Get Attention in Noisy Areas Where Paging Can't be Heard

IP Strobe PoE

- 15,30,75,95,110 Candella - User Selectable
- Activate on SIP Call
- Can Activate Multiple Strobes Via Single SIP Call
- Activate on Group Audio



B

Strobe ADA Compliant

110 Candela of Brilliancy Strobe, Covers 70 ft by 70 ft Area

- Flash Rate is Designed to Comply with ADA
- Power Supply Included Mount Strobe 80 Inches Above Floor
- Activated by Applying Power, Dry Contact Closure, 70 Volt Speaker Voltage



C

CAUTION: DO NOT USE 2 STROBES WITHIN SAME FIELD OF VIEW

Analog Strobe		IP SoundPoints®
B	IP Strobe.....VPU 5.57"H x 4.68"W x 2.75"D (14.15cm x 11.89cm x 6.99cm) 0.70lb (0.315kg)	VIP-999
C	ADA Compliant Strobe.....V-5580041B 5.63"H x 4.63"W x 4.50"D (14.29cm x 11.75cm x 11.43cm) 1.4lbs (0.64kg)	0

LED Signs



LED Scrolling Signs

The IP PoE Visual Message Display is Utilized for Broadcasting Visual and Voice Message Alerts Including Daily or Emergency Alerts

- RJ45 for Network Connection
- Activity LED
- Network Activity LEDs
- IP Set Up for Configuration
- Browser Set Up for Messages
- Static or DHCP Configurable
- Supervised and Monitoring Capabilities
- Visual Message Maybe Programmed for One or Two Lines with Options for Color, Transitions and Fonts
- API Available
- Built-in CAP Receiver Option

IP SoundPoints®	
D	5" High x 30" Wide IP LED Scrolling Sign.....VL530A IP LED Scrolling Sign, InformaCast®.....VL530A-IC
E	6.25" High x 33" Wide IP LED Scrolling Sign w/ Speakers.....VL550A IP LED Scrolling Sign w/ Speakers, InformaCast®.....VL550A-IC
F	7.75" High x 33" Wide IP LED Scrolling Sign w/ Speakers & Flashing Light.....VL550AF IP LED Scrolling Sign w/ Speakers & Flashing Light, InformaCast® VL550AF-IC

Add Tones Over Paging

Visit Our Website to Hear Tones, Bells & Warbles

Tone Generators

Multi-Tone Generator

G

Up To 8 Different Tones with a Single Unit: Choice of 2 Sets of 8 Different Tones

- Siren Evacuation* - Steady Shift Changes* - Chime Doorbutton/Code Call
- Whoop Tornado* - Burst Alarm Signal* - Dual Chime Doorbell Ring
- Warble Fire* - TeleBell Auxiliary Ring * USA Standard Immediate Evacuation Signals

- Contact Closure Activation • Automatically Overrides Page or Music

C.O. Line Audible Ring Unit – 6 Lines

- 90Vac Ring or Dry Contact Closure Activation
- Connects Directly up to 6 C.O. or PBX Station Lines
- Ringing Over Paging Speakers
- Contact Closure Output to Activate Loud Bells
- Automatically Overrides Page or Music
- Built-In Warble Tone Generator
- Specifications: Output: 8 ohm; Power Requirements: -24Vdc, 200mA

C.O. Line Audible Ring Unit – 1 Line

- 90Vac, 18Vac, or Dry Contact Closure Activation
- Connects to Analog PBX Station Port
- Ringing Over Paging Speakers
- Provides 3 Separate Zone Outputs & Volume Controls for Use w/One-Way or Talkback Page Controls
- Automatically Overrides Page or Music
- Power Requirements: -24Vdc, 300mA

Code Call Unit For Security/Priority - Tones May Be Better Than Voice

- Use In Hospitals - When Voice Announcements Are Not Wanted
- Use In Department Stores - Does Not Distract Customers
- Contact Closure Output to Activate Loud Bells
- Up to 81 Two-Digit Codes or 729 Three-Digit Codes
- Power Requirements: -24Vdc, 300mA

Analog Add Tones Over Paging		VPU
G	Multi-Tone Generator.....V-9927A 8.20"H x 4.55"W x 2.30"D (20.83cm x 11.56cm x 5.84cm) 1.5lbs (0.68kg)	-2
H	6 Line Audible Ring Unit.....V-9936A 8.20"H x 4.55"W x 2.30"D (20.83cm x 11.56cm x 5.84cm) 1.5lbs (0.68kg)	-4
I	C.O. Audible Ringer.....V-9924C 8.20"H x 4.55"W x 2.30"D (20.83cm x 11.56cm x 5.84cm) 1.3lbs (0.59kg)	-6
J	Code Call Unit.....V-9923B 7.1"H x 5.9"W x 2.1"D (18.03cm x 14.99cm x 5.33cm) 3.0lbs (1.35kg)	-4

Dial Select Intercoms — 24 - 360 Zones

Ideal for Schools, Institutions, Industrial, Healthcare Facilities, Airports



DualPath

Expandable Intercom System up to 96 Zones

A 24 Zones
One-Way or Talkback
 Wall Mount V-2924A
 17.5"H x 10.31"W x 3.06"D (44.45cm x 26.19cm x 7.77cm) 17.5 lbs (7.9kg)

B Expansion Unit
 • Expand in 24 Zone Increments
 • Three V-2925's may be added to V-2924 for up to 96 zones
 Wall Mount V-2925A
 17.5"H x 8.37"W x 3.06"D (44.45cm x 21.26cm x 7.77cm) 13.5 lbs (6.13kg)

MultiPath

Expandable Intercom System up to 360 Zones

C 24 Zones
One-Way
 Wall Mount V-PW24
 Rack Mount V-PR24
Talkback
 Wall Mount V-TW24
 Rack Mount V-TR24

48 Zones
One-Way
 Wall Mount V-PW48
 Rack Mount V-PR48
Talkback
 Wall Mount V-TW48
 Rack Mount V-TR48

72 Zones
One-Way
 Rack Mount V-PR72
Talkback
 Rack Mount V-TR72

96 Zones
One-Way
 Rack Mount V-PR96
Talkback
 Rack Mount V-TR96

- All Call/Group Call/Emergency Override Call
- Background Music Input
- Class of Service/Zone
- Door Unlock Control
- SMDR Printer Port
- Tone Inputs
- Caller ID
- UL, CSA, CE

FXO Telephone Access
 PBX Loop Start Trunk Port
 Electronic Key Line Position
 Dedicated Single Line Phone Set

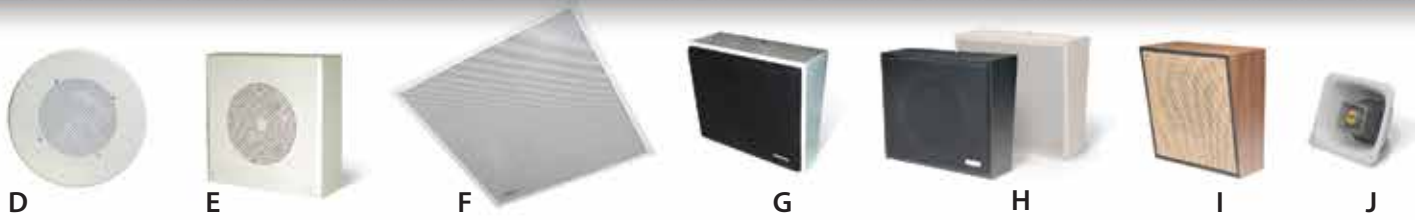
Accessories:

- Option Card Easy Plug-In** for Remote Laptop Programming V-2926
- Clock Control Card** for use with V-2928 V-2927
- Option Card** with Time Event Scheduling Software V-2928
- Option Card** with Time Event Scheduling Software and Synch Wire Clock Connection ... V-CLK2924
- Clock Relay Card** for use with V-2927 Clock Control Card V-C10

Accessories: System Cards

- 24 Point One-Way Intercom Expansion Board V-STX
- 24 Point Talkback Intercom Expansion Board V-TCM
- Universal Relay Interface V-URI
- System CPU Board w/2 V-SLC Cards (4 Links) V-CPU4





D Round Ceiling Speakers

Industry Recognized for Exceptional Performance for Voice & Music!

- White Epoxy Finish, Custom Colors -CC
- Mounting Hardware - See Page 11

E Square Ceiling or Wall Speaker

Industry Recognized for Exceptional Performance for Voice & Music!

- White Epoxy Finish, Custom Colors -CC

F Lay-In Ceiling Speakers™ w/Backbox

Easy Lay-In Installation Replaces a 2' x 2' Tile

- Lightweight - Weighs Slightly More Than a 2' x 2' Ceiling Tile!
- Save Time, Effort & Money - Get On & Off the Job Quickly
- No Cutting Tiles, No Broken Tiles, No Mess
- Excellent Music & Voice Quality
- Durable White Acrylic Baked Enamel Finish, Custom Colors -CC
- Integral Backbox Meets or Exceeds ASTM E84 Flame & Smoke Test w/3 Hour Burn Rating

Optional Trim Bar Use to Install in a 2 x 4 Ceiling Tile (10 Pack) V-TBAR
24.5"H x 1.0"W x 1.0"D (62.23cm x 2.54cm x 2.54cm) 3.5lbs (1.58kg)

G Metal Wall Speaker

- 8" Speaker, Excellent Voice & Music Quality
- Easy Installation, Screw Terminal Connections
- Black Cloth Grille, Gray Paintable Metal Housing, Custom Colors -CC

H Black or White Wall Speakers

- 8" Speaker, Excellent Voice & Music Quality
- Easy Installation
- Black or White Simulated Woodgrain

I Woodgrain Wall Speaker

- 8" Speaker, Excellent Voice & Music Quality
- Easy Installation
- Light Brown Woodgrain, Open-Weave Grille

J FlexHorn™ — Rugged Speaker

- Low Ceilings Such as Light Manufacturing or Multi-Floor Warehouses
- Low to Moderate Noise Environments
- Water-Proof for Environments Requiring Direct Spray Down Such as Car Washes, Food Processing Plants, & Operating Rooms
- Adjustable Mounting Bracket Included (V-9804)
Mount on Wall, Ceiling or Beam

Talkback Speakers

D	Round Ceiling Speaker Colors: White (Paintable), Custom Colors -CC 8" Round Ceiling Speaker Talkback (6 Pack) ... 4 Volume Tap Settings ... V-C806PK 13" Dia x 2.5"D (33.02cm x 6.35cm) 17.8lbs (8.01kg) 8" Round Ceiling Speaker Talkback ... 4 Volume Tap Settings VC-1060A 13" Dia x 2.5"D (33.02cm x 6.35cm) 3.3lbs (1.49kg)
E	Square Ceiling Speaker Colors: White (Paintable), Custom Colors -CC 8" Square Ceiling Speaker Talkback (6 Pack) ... 4 Volume Tap Settings ... V-CTSQPK 11.5"H x 11.5"W x 3.9"D (29.21cm x 29.21cm x 9.91cm) 3.5lbs (1.58kg)
F	Lay-In Ceiling Speaker Colors: White (Paintable), Custom Colors -CC 2' x 2' Lay-In Ceiling Speaker Talkback ... 4 Volume Tap Settings VC-9062 23.75"L x 23.75"W x 3.75"D (60.33cm x 60.33cm x 9.53cm) 8.3lbs (3.74kg) 2' x 2' Lay-In Ceiling Speaker Talkback (2 Pack) ... 4 Volume Tap Settings ... V-CTLA-2 23.75"H x 23.75"W x 3.75"D (60.33cm x 60.33cm x 9.53cm) 8.5lbs (3.83kg); For 2 Pack: 14lbs (6.3kg)
G	Metal Wall Speaker Colors: Gray (Paintable), Custom Colors -CC Metal Wall Speaker Talkback ... 4 Volume Tap Settings V-WTGY 9.6"H x 11.5"W x 4.2"D (24.38cm x 29.21cm x 10.67cm) 5lbs (2.25kg)
H	Black & White Wall Speaker Black Wall Speaker Talkback ... 4 Volume Tap Settings VC-1061-BK White Wall Speaker Talkback ... 4 Volume Tap Settings VC-1061-W 9.6"H x 11.5"W x 4.2"D (24.38cm x 29.21cm x 10.67cm) 4.3lbs (1.94kg)
I	Woodgrain Wall Speaker Woodgrain Wall Speaker Talkback ... 4 Volume Tap Settings VC-1062A 10.6"H x 9.7"W x 5.2"D (26.92cm x 24.64cm x 13.21cm) 5.3lbs (2.39kg)
J	FlexHorn™ Colors: Beige-BGE, Gray-GY, or White-W FlexHorn Talkback ... 4 Volume Tap Settings VC-1090 6.8"H x 8.3"W x 3.3"D (17.27cm x 21.08cm x 8.38cm) 2.7lbs (1.22kg)

MultiPath Accessories

Accessories

Program Distribution Panel	V-PDP
SLIC Card - 2 Telephone Interface Circuits	V-SLC
Music - AM/FM CD Control Panel	V-RDP
One-Way Paging Adapter	V-LPT
Clock Control Interface Package	V-CLK

Option Cards

Large LED Display Package	V-DSP
Serial Card	V-SER

Mounting Racks

Mounting Rack - 9 Position Card Cage Rack Mount	V-MCRK
Mounting Rack - 4 Position Wall Mount Rack	V-MWRK

Backplane Cables

Backplane Cable - 4 Position Feature Cards	VC40R-4
Backplane Cable/Terminator - 8 Position Feature Cards	VC40R-8T
Backplane Cable/Terminator - 9 Position Feature Cards	VC40R-9T
Backplane Cable/Terminator - 16 Position Feature Cards	VC40R-16T

Call-In Switch

Emergency/Normal - Stainless Steel	V-2970
Rocker Push Button - Stainless Steel (6 Pack)	V-2972PK

Power Supply

6 Amp Positive 24 Vdc - Wall Mount	V-C6124P
--	----------

Valcom SIP HelpPoints

Tower Emergency Telephones

With a single press of a button, those in distress are provided two-way connection with security personnel.



A

Parking Lots, Athletic Fields, Pathways

Vandal-Resistant IP Emergency Call Tower

IP Emergency Telephone with Mass Notification Broadcast
Unique, Contemporary Style — Sleek

- Full SIP Functionality – Multi SIP Servers
- Compatible with Cisco, Avaya & Most Modern IP Telephone Systems
- Call Button Calls a SIP Address or Any Valcom Gateway Device
- Provides Enhanced Caller ID
- Automatic Talkback Operation (no Push-to-Talk Button Required)
- SIP or Multicast Addressable
- Messaging Broadcast Capability
- Unlimited Simultaneous Group Calls
- High Intensity LED Blue Flashing Light
- LED Lighted Call Button
- Supervision with Alert Functions
- Vandal and Tamper-Resistant
- Rugged, Low Power, Lightweight – Only 75 Pounds

► **Options:**

- Fiber
- PoE & Powered
- 115 – 240 Volts
- Managed Headend Switch
- Solar Powered
- Camera
- WiFi
- 4G LTE
- Colors and Markings
- Multi Buttons - 2, 3 or 4

A Valcom SIP HelpPoints	
Tower Emergency Telephone	
IP Emergency Call Tower	VE9811
IP Emergency Call Tower, <i>InformaCast</i> ®	VE9811-IC
114"H x 10" Dia. Approx. (289.56cm x 25.4cm) 75lb (32.7kg)	
<i>Call for configuration assistance & pricing.</i>	



B

Exterior Wall or Pole Mount SIP HelpPoint

Provides High Visible Security for Hallways, Transit Centers, Building/Dorm Entrance & Parking Decks

SIP Vandal-Resistant Emergency Call Station

- Easy, RJ-45 Plug-in, CAT 5 or 6
- Call Button Calls a SIP Address or Any Valcom Gateway Device
- SIP or Multicast Addressable
- Red LED Status Indicator
- Network Programmable for Control and Setup
- Door Opening Contact Provided
- Automatic Talkback VOX Operation (No Push-to-Talk Button Needed)
- Compatible with Most Modern IP Telephone Systems
- Blue Flashing Light
- Provides High Visible Security for Hallways, Transit Centers, Building/Dorm Entrance & Parking Decks
- Surface or Pole Mount

B Emergency Call StationVIP-9895
InformaCast®VIP-9895-IC



C

SIP Multi-Button Emergency/Information Call Station

- 2, 3 or 4 Call Programmable Call Buttons
 - Emergency, General, Directions, Recorded Information
- Emergency Calls Take Precedence Over All Other Calls
- Convenient "Voice Operated Switch" VOX Operated
- Surface or Pole Mount

C Multi-Button Call StationVIP-9894
InformaCast®VIP-9894-IC

*Available in: Red, Blue, Yellow, Gray and Stainless Steel.
 Call for configuration assistance & pricing.*



D

Interior SIP Call Station w/Paging Horn

SIP Vandal-Resistant Emergency Call Station

- Loud Horn for Large Areas

SIP Vandal-Resistant Call Station

- Door Relay Connection
- Surface Mount Steel Enclosure
- Stainless Steel Faceplate
- Call Button
- Long Line Extender



E

Valcom SIP HelpPoints	
D	Vandal-Resistant Emergency Call Station IP Call Station .....VIP-9890A-EM IP Call Station <i>Long Line Extender</i> .....VIP-9890AL-EM 10.0"H x 12.5"W x 4"D (25.4cm x 31.75cm x 10.2cm) 10.75lbs (4.89kg)
E	Vandal-Resistant Call Station IP Intercom/Doorphones .....VIP-9890AL-CB 10.0"Hx12.5"Wx4"D (25.4cm x 31.75cm x 10.2cm) 10.75lbs (4.89kg) To Order Color: Yellow-Y, Blue-B, or Gray-G, Add Color Suffix (Ex: VE-9890AL-#-Y Yellow)

IP Emergency Call Station

- In-Wall Recessed - Interior Use Only



F

F IP Emergency Call StationVIP-9896

IP Repurpose Emergency Call Plate

Allows Retrofit of Existing Analog Emergency Telephone Enclosures to Provide Advanced IP Features such as Page Broadcasts, All Call and Monitoring

(Ex; Code Blue, Talk-A-Phone, Gai-tronics)



G

Valcom SIP HelpPoints	
G	IP Repurpose Emergency Call Plate .....VE9870A Call for configuration assistance & pricing.

Clocks *Proven Time-Keeping Accuracy & Reliability*



IP PoE Clocks	
Analog	
A	12-Inch.....VIP-A12A 12.81"Dia x 1.2"D (32.54cm x 3.05cm) 3.7lbs (1.67kg)
B	16-Inch.....VIP-A16A 16.81"Dia x 1.6"D (42.70cm x 4.06m) 5.35lbs (2.41kg)
Double-Sided	
A	12-Inch.....VIP-A12ADS 12.81"Dia x 7.00"D (32.54cm x 17.78cm) 11.00lbs (4.99kg)
B	16-Inch.....VIP-A16ADS 16.81"Dia x 7.25"D (42.70cm x 18.42cm) 12.6lbs (5.72kg)
Digital	
4-Digit: HH:MM	
D	2.5-Inch Numbers.....VIP-D425A 10.65"H x 3.0"W x 4.9"D (27.05cm x 7.62cm x 12.45cm) 2.88lbs (1.30kg)
E	4.0-Inch Numbers.....VIP-D440A 17"H x 3.0"W x 6.75"D (43.18cm x 7.62cm x 17.15cm) 4.5lbs (2.03kg)
4-Digit Double-Sided	
D	2.5-Inch Numbers.....VIP-D425ADS 11.5"H x 4.25"W x 5.5"D (29.21cm x 10.80cm x 13.97cm) 5.9lbs (2.66kg)
E	4.0-Inch Numbers.....VIP-D440ADS 17.38"H x 4.25"W x 6.85"D (44.15cm x 10.80cm x 17.40cm) 9.1lbs (4.10kg)
6-Digit: HH:MM:SS	
F	2.5-Inch Numbers.....VIP-D625A 15.3"H x 3.0"W x 4.9"D (38.87cm x 7.62cm x 12.45cm) 3.85lbs (1.73kg)
G	4.0-Inch Numbers.....VIP-D640A 24.5"H x 3.0"W x 6.75"D (62.23cm x 7.62cm x 17.15cm) 6.0lbs (2.7kg)
6-Digit Double-Sided	
F	2.5-Inch Numbers.....VIP-D625ADS 16.12"H x 4.25"W x 5.5"D (40.94cm x 10.80cm x 13.97cm) 7.3lbs (3.29kg)
G	4.0-Inch Numbers.....VIP-D640ADS 25.25"H x 4.25"W x 6.85"D (64.134cm x 10.80cm x 17.40cm) 12.0lbs (5.4kg)
Double-Sided comes with Mounting Bracket/Hardware. (Except for VIP-D425ADS). To Attach to Ceiling Tile use V-9914M-5 Bridge - See page 11.	

Wireless Clocks	
Analog	
A	12-Inch, Battery Operated.....V-AW12B
C	12-Inch, Military Dial.....V-AW12B-MD
A	12-Inch, 110Vac/24Vdc.....V-AW12BLP 12.65"Dia x 2.18"D (32.13cm x 5.54cm) 2.5lbs (1.13kg)
B	16-Inch, Battery Operated.....V-AW16B
	16-Inch, 110Vac/24Vdc.....V-AW16BLP 16.65"Dia x 2.18"D (42.29cm x 5.54cm) 4.0lbs (1.81kg)
Digital	
4-Digit: HH:MM	
D	2.5-Inch Numbers, 110Vac.....V-DW11025B 11.06"L x 5.35"W x 3.90"D (28.09cm x 13.59cm x 9.90cm) 2.0lbs (0.90kg)
E	4.0-Inch Numbers, 110Vac.....V-DW11040B 14.10"L x 7.56"W x 3.86"D (35.80cm x 19.20cm x 9.80cm) 3.5lbs (1.58kg)

Wired Clocks	
Analog	
A	12-Inch, 24Vdc.....V-A2412B
	12-Inch, 110Vac.....V-A11012B 12.81"Dia x 1.2"D (32.54cm x 3.05cm) 3.1lbs (1.41kg)
B	16-Inch, 24Vdc.....V-A2416B
	16-Inch, 110Vac.....V-A11016B 16.65"Dia x 1.6"D (42.29cm x 4.06 cm) 4.9lbs (2.22kg)
Digital	
4-Digit: HH:MM	
D	2.5-Inch Numbers, 24Vdc.....V-D2425B 10.31"L x 4.69"W x 3.90"D (26.19cm x 11.91cm x 9.90cm) 1.3lbs (0.59kg)
E	4.0-Inch Numbers, 24Vdc.....V-D2440B 13.31"L x 6.75"W x 3.86"D (33.81cm x 17.15cm x 9.80cm) 3.5lbs (1.59kg)

► **Analog Accessories**

Double-Sided Brackets for Wireless Clocks
 12-Inch Analog Clocks..... V-WMB-12
 16-Inch Analog Clocks..... V-WMB-16



Double-Sided Brackets for Wired Clocks
 12-Inch Analog Clocks..... V-BDM12-S
 16-Inch Analog Clocks..... V-BDM16-S



Surface Mounting for Wired Clocks
 12-Inch Clocks..... V-SMR12A
 16-Inch Clocks..... V-SMR16A

Wire Guards
 Analog for 12 & 16" Analog Clocks..... V-WGACLK
 20.19"L x 23.24"W x 5.24"D (57.28cm x 59.02cm x 13.30cm)

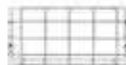


► **Digital Accessories**

Double-Sided Brackets for 4-Digit Digital Clocks..... V-DMKIT



Wire Guards for 4-Digit Digital Clocks..... V-WGD4
 20.75"L x 9.0"W x 5.0"D (52.71cm x 22.86cm x 12.7cm)



Clock Controls & Drivers

Master Clock Transceiver..... V-WMCA
 11"L x 17.5"W x 1.75"D (27.94cm x 44.45cm x 4.45cm) 6.5lbs (2.90kg)

Repeater..... V-WMCRA
 Must be used with a V-DCPI Digital Clock Protocol Interface, a V-GPSA GPS Receiver or a V-WMCA Wireless Master Clock
 11"L x 8"W x 1.7"D (27.94cm x 20.32cm x 4.32cm) Antenna: 7" (17.78cm) 4lbs (1.8kg)

Digital Clock Protocol Interface..... V-DCPI

GPS Master Clock Wireless..... V-GPS-TX
 Using Valcom Wireless Clocks, Add a Wireless Master Clock Repeater (V-WMCRA)

Wired..... V-GPSA
 Using Valcom Wired Clock (2-Wire correction), Add 6-Amp 2-Wire Clock Driver (V-VCU)
 11"H x 17.5"W x 1.75"D (27.94cm x 44.45cm x 4.45cm) 6.5lbs (2.90kg)

Drivers
Clock Driver — 6-Amp, 2-Wire..... V-VCU
 2.63"H x 12.36"W x 7.75"D (6.7cm x 31.4cm x 19.7cm) 7lbs (3.2kg) with power supply
Digital Clock Head End Driver, 2-Wire..... V-DCH

IP Clock Speakers & Backboxes



A



B



C



D



E

IP Clock Speakers

A Flush Mount - Analog Colors: White, Custom Colors -CC
 One-Way or Talkback Programmable.....VIP-429A-A
 14.50"H x 13.00"W x 3.40"D (36.93cm x 33.02cm x 8.64cm) 4.8 lbs(2.17kg)

Flush Mount - Digital Colors: White, Custom Colors -CC
B 6-Digit: HH:MM:SS
 One-Way or Talkback Programmable.....VIP-426A-D

C 4-Digit: HH:MM
 One-Way, InformaCast®.....VIP-419A-D-IC
 One-Way or Talkback Programmable.....VIP-429A-D
 Talkback, InformaCast®.....VIP-429A-D-IC
 14.50"H x 13.00"W x 3.40"D (36.93cm x 33.02cm x 8.64cm) 4.8 lbs (2.17kg)

► **Backboxes for A, B, C**
Surface Mount..... VB-S23
 14.63"H x 13.00"W x 3.94"D
Recessed Mount..... VB-R22
 13.25"H x 11.25"W x 3.94"D
Angled Mount..... VB-A24
 14.41"H x 13.00"W x 5.00"D [t] x 3.00"D [b]

IP Clock Speakers

D Flush Mount - Digital Colors: Gray, Custom Colors -CC
4-Digit: HH:MM
 One-Way or Talkback Programmable Gray.....VIP-432A-DF
 One-Way, InformaCast® Gray.....VIP-412A-DF-IC
 Talkback, InformaCast® Gray.....VIP-432A-DF-IC
 20.28"H x 14.38"W x 4.50"D (51.5cm x 36.53cm x 11.43cm) 4.25lbs (1.91kg)

► **Backboxes for D**
Surface Mount..... VB-S20
 20.18"H x 14.27"W x 6.27"D
Recessed Mount..... VB-R19
 19.25"H x 10.75"W x 3.75"D
Angled Mount..... VB-A21
 19.88"H x 14.27"W x 6.27"D [t] x 2.72"D [b]

E Angled Surface Mount - Digital Colors: Gray, Custom Colors -CC
 (No Backbox Required)
4-Digit: HH:MM
 One-Way or Talkback Programmable.....VIP-431A-DS
 Talkback, InformaCast®.....VIP-431A-DS-IC
 15.0"H x 12.25"W x 4.0"D [t] 1.45"D [b] (38.1cm x 31.1cm x 10.2cm D [t] 3.7cm [b] 4.25lbs (1.91kg)

Speaker & Clock Speaker Assemblies

► Choose 8-Inch Speaker Assemblies:

24V Speaker (w/Amplifier)
 VSA-1020C 
 8.0"Dia x 2.25"D (20.32cm x 5.72cm)
 2.5lbs (1.13kg)

45 Ohm Talkback (4 Volume)
 V-936418 
 8.0"Dia x 2.75"D (20.32cm x 6.99cm)
 1.3 lbs (0.59 kg)

25/70 Volt
 V-936400 
 8.0"Dia x 2.25"D (20.32cm x 5.72cm)
 1.7lbs (.77kg)

► Choose Your Faceplate:

Square Grille

- Designed for Mounting 8-Inch Speaker Assembly
- Hardware Included

Colors: White (Paintable), Custom Colors -CCV-936480



► Choose Your Backbox:

 **ANGLED**
 VB-A13 11.54"H x 11.63"W x 4.60"D[t] x 3.15"D[b]
 Grille Hole Dimns.: 10.00" x 10.00"

 **RECESSED**
 VB-R12 10.75"H x 10.75"W x 3.94"D
 Grille Hole Dimns.: 10.00" x 10.00"

 **SURFACE**
 VB-S11 11.63"H x 11.63"W x 3.94"D
 Grille Hole Dimns.: 10.00" x 10.00"

► Choose Your Vandal-Resistant Faceplate:

Vandal-Resistant Faceplate:

Heavy Gauge Steel Construction
 Colors: Gray (Paintable), Custom Colors -CCV-9808



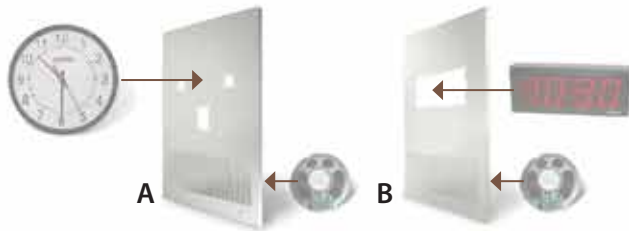
► Choose Your Vandal-Resistant Backbox & Faceplate:

Vandal-Resistant Enclosure & Faceplate:

Heavy Gauge Steel Construction
 Colors: Gray (Paintable), Custom Colors -CC V-9807



► Choose Your Clock Speaker Faceplate:



A Analog Baffle for 12-Inch Clock & 8-Inch SpeakerV-CSB12S
 Color: White, Light Texture Powder Paint
 20.32"H x 14.41"W x .56"D (51.44cm x 36.53cm x 1.42cm) 2.4lbs (1.09kg)

B Digital Baffle for 4 Digit, 2.5-Inch Clock & 8-Inch Speaker ...V-CSB25
 Color: White, Light Texture Powder Paint
 20.25"H x 14.38"W x .56"D (51.44cm x 36.53cm x 1.42cm) 2.4lbs (1.09kg)

► Choose Your Backbox:

Surface Mount Recessed Mount Angled Mount



C Surface MountVB-S20
 20.81"H x 14.27"W x 2.78"D (52.86cm x 36.25cm x 7.06cm) 4.2lbs (1.91kg)

D Recessed MountVB-R19
 19.25"H x 10.75"W x 3.75"D (48.89cm x 27.31cm x 9.53cm) 4.0lbs (1.81kg)

E Angled MountVB-A21
 19.88"H x 14.27"W x 6.27"D[t] x 2.72"D[b]

Color: White, Light Texture Powder Paint

Backbox Selection Chart

Part No.	Mount Style	Dimensions	For Use With
VB-S11	Surface	11.63"H x 11.63"W x 3.94"D	VIP-428A, VIP-428A-IC, V-CTSQPK, V-936480, V-1920C, V-1921, V-1961
VB-R12	Recessed	10.75"H x 10.75"W x 3.94"D	VIP-428A, VIP-428A-IC, V-CTSQPK, V-936480, V-1920C, V-1921, V-1961
VB-A13	Angled	11.63"H x 11.63"W x 4.60"D	VIP-428A, VIP-428A-IC, V-CTSQPK, V-936480, V-1920C, V-1921, V-1961
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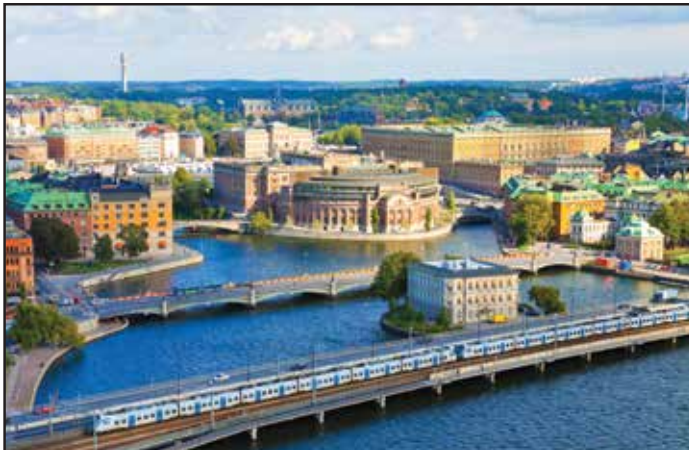
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