

# Technical Specifications

## V-2001A Enhanced Page Control

- Loop start trunk port and page port access
- One-way page
- Background music input with voice operated mute
- Built-in single and warble tone generator
- Phantom Zone™ allows paging to all speakers but limits music to selected speakers
- Page override for special or priority announcements
- Battery back-up input (VPB-260)
- Built-in power
- UL listed



1 Zone  
One-way

### Description:

The V-2001A One Zone, One-way Enhanced Page Control Unit is an integrated page control unit equipped with a power supply to provide additional power to Valcom self-amplified speakers and horns. The built-in tone generator (single and warble) allows for night rings and break tones after normal business hours. The V-2001A enables you to do emergency page overrides for priority announcements.

## SPECIFICATIONS

### INPUT

**Input Impedance:** 600 Ohms  
**Input level:** -10 dBm nominal  
**Music source impedance:** 8 to 600 Ohms  
**Music input level:** -10 dBm nominal

### OUTPUT

**Output Impedance:** 8 Ohms  
**Output level:** -10 dBm nominal  
**DC Output:** -24 Vdc @ 600 mA  
For powering One-way amplified speakers or other accessory devices.

### SENSITIVITY

**Voice switch sensitivity:** -21 dBm

### POWER REQUIREMENTS

1A at 120 Vac  
0.5A at 230 Vac

### CONTROLS

Background music volume control  
Warble/single tone volume control

### CONNECTIONS

Screw terminals are provided for all connections. A RJ11 jack is provided for tip and ring input connection

### ENVIRONMENT

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

### HOUSING AND FINISH

Gray painted aluminum alloy

### DIMENSIONS AND WEIGHT

7.06in H x 9.00in W x 2.40in D  
(17.93cm x 22.86cm x 6.10cm)  
**Weight:** 3.70lbs (1.68kg)  
**Shipping Weight:** 7.10lbs (3.20kg)

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## ARCHITECTS AND ENGINEERS

The One Zone Enhanced Integrated Page Control, model V-2001A, shall be a wall or shelf-mounted, telephone-compatible, One Zone, One-way, page control unit with integrated single and warble tone generator and power supply. The V-2001A shall provide a page input, page override input, and background music input. The unit shall provide voice-activated switching to cut off music during a voice page automatically. Volume controls shall be provided to control tones and background music levels. The V-2001A shall provide two separate outputs, One page-only output and one page with background music output.

In connection with a telephone system, the V-2001A One Zone Enhanced Integrated Page Control shall be able to provide loop current to the system for access. In connection with a telephone system page port, a "dry" tip and ring connection shall be provided. A battery feed switch located on the V-2001A shall turn loop current on or off to the tip and ring connections.

The V-2001A One Zone Enhanced Integrated Page Control shall provide both screw terminals and a RJ11 jack for page tip and ring input connections. Screw terminals shall be provided for music input and all output connections.

The V-2001A One Zone Enhanced Integrated Page Control shall provide a three-conductor grounded power cord with NEMA 15-5P type plug for AC input and shall provide auxiliary -24 Vdc and GND outputs. The outputs shall provide 1A @ -24 Vdc for powering One-way amplified speakers or other accessory devices. The chassis shall be AC grounded. The AC input shall be fuse-protected at 1 Amp.

The V-2001A shall have a power consumption of 1 Amp @ 120 Vac. Both page inputs shall have an impedance of 600 Ohms. Music source impedance shall be 8 to 600 Ohms. The music input level shall be -10 dBm nominal. Voice switch sensitivity shall be -21 dBm. Output impedance shall be 8 Ohms. Output levels shall be -10 dBm nominal. The operating temperature shall be +32 to +104°F (0 to + 40°C). The operating humidity level shall be 0% to 85% non-condensing.

The V-2001A One Zone Basic Integrated Page Control shall be constructed of gray-painted aluminum alloy.

The maximum dimensions shall be: 7.06in H x 9.00in W x 2.40in D (17.93cm x 22.86cm x 6.10cm). Weight shall be approximately: 3.70lbs (1.68kg).

The V-2001A shall be UL listed.

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).