

# Technical Specifications

## V-2000A Page Control

- Background music input with voice operated mute
- One-way page
- Built-in power
- Wall or shelf mounted
- Drives up to 150 Valcom one-way self-amplified speakers
- UL Listed



1 Zone  
One-Way

### Description:

The V-2000A One Zone Basic Integrated Page Control is an integrated single zone page control unit and provides telephone access to a single zone. The V-2000A is equipped with a background music port and is voice activated music mute when it is initiated. The V-2000A drives audio up to 150 Valcom one-way self amplified speakers and has the ability to mute background music when a voice activated page is performed.

## 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

0.35 Amp at 120 Vac

### CONTROLS

Page volume  
Background music volume

### 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

2.50in H x 7.70in W x 5.30in D  
(6.35cm x 19.56cm x 13.46cm)  
**Weight:** 2.60lbs (1.18kg)  
**Shipping Weight:** 5.40lbs (2.43kg)

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## ARCHITECTS AND ENGINEERS

The One Zone Basic Integrated Page Control, model V-2000A, shall be a wall or shelf-mounted, telephone-compatible, one-zone, one-way page control unit with an integrated power supply. The V-2000A shall provide a page input and background music input. The V-2000A shall provide voice-activated switching to cut off music during a voice page automatically. Volume controls shall be provided to control page and background music levels.

In connection with a telephone system, the V-2000A One Zone Basic Integrated Page Control shall be able to provide a 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-2000A shall turn the loop current on or off to the tip and ring connections. The V-2000A 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-2000A One Zone Basic 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 600 mA @ -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 .5 Amp.

The V-2000A shall have a power consumption of 0.35 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 level 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-2000A One Zone Basic Integrated Page Control shall be constructed of gray-painted aluminum alloy.

The maximum dimensions shall be: 2.50in H x 7.70in W x 5.30in D (6.35cm x 19.56cm x 13.46cm). Weight shall be approximately: 2.50lbs (1.13kg).

The V-2000A shall be UL listed.

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