

TECHNICAL SPECIFICATION
ONE ZONE BASIC INTEGRATED PAGE CONTROL
MODEL V-2001A



FEATURES:

- Loop Start Trunk Port and Page Port Access
- One-Way Page
- Integrated Power Supply
- Background Music Input
- Voice Operated Music Mute
- Built-In Tone Generator
- Provides External Power for One-Way Amplified Speakers
- Night Ring and Clock Tones
- Separate page & Music and Page Only Outputs
- Wall or Shelf Mount



DESCRIPTION:

A telephone-compatible one-zone, one-way page control unit with integrated single and warble tone generator, power supply, and background music input.

Specifications

INPUTS/OUTPUTS

Input Impedance: 600 ohms
Music Source Impedance: 8 to 600 ohms
Music Input Level: -10 dBm nominal
Voice Switch Sensitivity: -21 dBm
Output Impedance: 8 ohms
Output Level: -10 dBm nominal
DC Output: -24 Vdc @ 600 mA

OUTPUTS

Page without background Music
 Page with background Music

CONTROLS

Background Music Volume Control
 Warble/Single Tone Volume Control

CONNECTIONS

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

POWER REQUIREMENT

.35 Amp at 120 Vac

HOUSING AND FINISH

Gray painted aluminum alloy

ENVIRONMENT

Temperature: +32 to +104°F (0 to +40°C)
Humidity: 0-85% Non-Condensing

DIMENSIONS AND WEIGHT

7.1 "H x 9.0 "W x 2.4 "D (18.034 cm x 22.86 cm x 6.096 cm)
Weight: 3.7 lbs (1.665 kg)
Shipping Weight: 5.1 lbs (2.295 kg)

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 unit shall provide a page input, page override input, and background music input. The unit shall provide voice activated switching to automatically cutoff music during a voice page. Volume controls shall be provided to control tones and background music levels. The unit shall provide two separate outputs, one-page only output and one page with background music output.

In connection with a telephone system, the unit shall have the ability 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 unit shall turn loop current on or off to the tip and ring connections.

The unit shall provide both screw terminals and an RJ11 jack for page tip and ring input connections. Screw terminals shall be provided for music input and all output connections.

The unit 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 unit shall be UL Listed. The unit 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. 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. Operating temperature shall be +32 to +104°F (0 to + 40°C). Operating humidity level shall be 0% to 85% non-condensing.

The housing of the unit shall be constructed of gray painted aluminum alloy. The maximum dimensions shall 7.1 "H x 9.0 "W x 2.4 "D (18.034 cm x 22.86 cm x 6.096 cm). Weight shall be approximately: 3.7 lbs (1.665 kg).

Warranty information may be found on our website at www.valcom.com/warranty.