VALCOM

TECHNICAL SPECIFICATIONS

ONE ZONE ENHANCED INTEGRATED PAGE CONTROL MODEL V-2001A

FEATURES:

LOOP START 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:

POWER REQUIREMENT
1 Amp at 120 Vac

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 Levels: -10 dBm nominal
DC Output: -24 Vdc at 1 Amp

CONTROLS
Background Music Volume Control
Warble/Single Tone Volume Control

OUTPUTS
Page Without Background Music
Page With Background Music

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

ENVIRONMENT
Temperature: +32 to +104 ^{o}F (0 to +40 ^{o}C)
Humidity: 0-85% Non-Condensing

HOUSING AND FINISH
Gray painted aluminum alloy

DIMENSIONS AND WEIGHT
7.09" (18.0 cm) H x 9.0" (22.86 cm) W x 2.5" (6.35 cm) D. Shipping Weight: 5.0 lbs (2.27 kg)

5614 Hollins Road Roanoke, Virginia 24019 Phone: 540-563-2000 Fax: 540-362-9800
E-Mail: support@valcom.com www.valcom.com

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS
MODEL V-2001A ONE ZONE ENHANCED INTEGRATED PAGE CONTROL

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. A "power on" LED shall be provided.

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 be 7.09" (18.01 cm) H x 9.0" (22.86 cm) W x 2.5" (6.35 cm) D. Shipping Weight shall be approximately: 5.0 lbs (2.27 kg)

Limited Warranty

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened. (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor).

This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.

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