

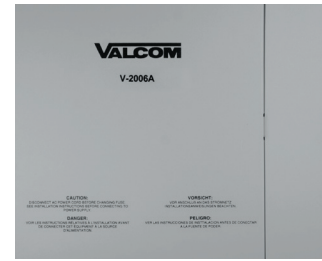
Technical Specifications

V-2006A Integrated Page Control

- Loop start trunk port and page port access
- One-way all call (one page to all zones)
- Pulse & tone dial
- Background music mutes only in zone being paged
- Emergency page override for priority announcements
- Unlimited expansion
- Features programmable per zone
- Built-in tones: steady tone, warble tone, alert tones
- Battery back-up input (VPB-260)
- UL, CSA, CE

Description:

The V-2006A 6 Zone One-way Page Control allows the user to page six individual zones of one-way paging and all call. The built-in tone generator enables you to notify with individuals through a variety of tones indicating various events such as break time. The V-2006A also has an emergency page override for priority messages so you can alert individuals of emergency or priority notifications.



6 Zone
One-Way

SPECIFICATIONS

INPUT

Input Impedance: 600 Ohms
Input level: -10 dBm minimum
Music source impedance: 8 to 600 Ohms
Music input level: -10 to -18 dBm nominal

OUTPUT

Low level output impedance 8 Ohms
Low level output level: -10 dBm nominal
Low level output level: 0 dBm maximum
DC Output: -24 Vdc @ 1.5
For powering one-way amplified speakers or other accessory devices.

SENSITIVITY

Voice switch sensitivity: -26 dBm

CONNECTIONS

Equipped with male 50 pin Amphenol connector for input/output connections. A RJ11 jack is also provided for tip and ring input connections. A three prong polarized Molex connector is provided for battery back-up connection.

POWER REQUIREMENTS

2A at 120 Vac
1A at 230 Vac

CONTROLS

Background music volume control
Tone volume control
All call page volume control

AUXILIARY RELAYS

2 Form C make-break contacts
Rated 2 Amps at 30 Vdc

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

10.90in H x 13.00in W x 2.70in D
(27.69cm x 33.02cm x 6.86cm)
Weight: 6.20lbs (2.81kg)
Shipping Weight: 12.00lbs (5.40kg)

ACCESSORIES

V-9956 Plug-in Talkback Module
VPB-260 Battery Back-up Supply

2022 Rev. 7.7.18

Technical Specifications

ARCHITECTS AND ENGINEERS

The Six Zone Integrated Page Control, model V-2006A shall be a wall or shelf mounted telephone compatible, six zones, one-way, page control unit with integrated power supply and single/warble tone. The V-2006A shall be optionally loop start, ground start or contact closure start and shall be capable of recognizing either DTMF tones or rotary pulse for dial selection of six individual zones, three groups containing selected combinations of zones and all call. The V-2006A shall be programmable on a per zone basis for single tone and interrupted warble tone, inclusion in groups or all call, background music and with the installation of the optional plug-in talkback module, handsfree talkback or one-way page operation. System options shall include dial tone and ring back tone. The V-2006A shall have the ability to connect in tandem with up to nine other units to provide a system wide all call.

The V-2006A Six Zone Integrated Page Control shall provide individual one-way low-level outputs for each zone. Individual handsfree talkback output shall also be provided with the installation of the optional plug-in talkback module. Group call and all call shall be one-way operation only. Access of specific zones shall not affect features programmed for other zones, i.e. background music shall mute only in the zone being paged while other zones programmed for background music shall not be affected.

The V-2006A Six Zone Integrated Page Control shall provide two-page access inputs. One input shall be used for primary access of the V-2006A. The second input shall be used for priority override page. When priority override is accessed for page, it shall override any other page in progress and provide an override tone indication. The V-2006A shall provide AGC circuitry for all voice page inputs.

In connection with a telephone system, the V-2006A Six Zone Integrated Page Control shall have the ability to provide loop current, the detection of which shall indicate a request for service (in the loop start mode of operation). Ground start operation shall be available as an optional mode of service request. In connection with a telephone system page port, a "dry" tip and ring connection with provision for contact closure start shall be provided.

A battery feed switch located on the V-2006A Six Zone Integrated Page Control shall enable or disable the loop current option of the tip and ring connections. A second switch shall select loop start or ground start service request options.

In connection with a telephone system supplying "A" lead control from each telephone, the V-2006A Six Zone Integrated Page Control shall also have the ability to provide inhibit (speaker cancel) to allow handset to handset "meet me" answer to a page without the paging system broadcasting the conversation.

The V-2006A Six Zone Integrated Page Control shall have the ability to provide a single tone and an interrupted warble tone over page. The single tone shall be activated by a contact closure and shall follow the contact operation. The interrupted warble tone shall be activated by a contact closure or a 90 Vac ring signal. The single tone shall have priority over the warble tone in the instance of coinciding activation.

The V-2006A Six Zone Integrated Page Control shall provide the ability to program features on a per zone basis using DTMF tones through a dedicated RJ11 jack. Eight LED's shall be provided for

aid in programming and to check programming status of each zone. The V-2006A shall provide two auxiliary form C make-break contact closures. One shall activate simultaneously with the dial selection of zone six. The other shall activate upon the detection of the "*" tone after any individual zone has been accessed and shall time out after 2 seconds. The detection of the "#" tone shall return dial access. Dialing codes shall be 1 through 6 for individual zones, 7, 8, and 9 for group calls and 0 for all call.

The V-2006A Six Zone Integrated Page Control shall be equipped with a 50-pin male Amphenol connector for input and output connections and an RJ11 jack for page tip and ring input, override page tip and ring input, programming input, and all call expansion input/output connections. Screw terminals shall be provided for auxiliary contact closure connections. Volume controls shall be provided for tones, background music and all call. The V-2006A 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 a total of 1.5 Amps of -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 2.0 Amps. The V-2006A shall be UL Listed.

The V-2006A Six Zone Integrated Page Control shall have a power consumption of 2 Amp at 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. Low level output impedance shall be 8 Ohms. Low level output level shall be -10 dBm nominal. Auxiliary relay contacts shall be rated at 2 Amps at 30 Vdc. Operating temperature shall be +32 to 104°F (0 to + 40°C). Operating humidity level shall be 0% to 85% noncondensing.

An optional Plug-in Talkback Module, Model V-9956, shall be available separately. It shall be a plug-in circuit board compatible with the V-2006A to field upgrade it for handsfree talkback capability. It shall provide phone to speaker, speaker to phone, tone, background music and page and all call volume controls. System options shall include alert tone and repeated alert tone. Output impedance shall be 45 Ohms. Output level shall be 1-Watt nominal. Voice switch sensitivity shall be -26 dBm. A separate unit, the Six Zone Integrated Talkback Page Control, Model V-2006AHF, shall be available with the talkback module already installed.

The Battery Back-up Supply, Model VPB-260, shall be available separately. It shall provide a polarized Molex connector compatible with the Molex connector on the V-2006A. In the event of power failure, it shall provide power back-up to the V2006A and any additional equipment powered by the DC outputs on the V-2006A.

The V-2006A Six Zone Integrated Page Control shall be constructed of gray painted aluminum alloy.

The maximum dimensions shall be: 10.90in H x 13.00in W x 2.70in D (27.69cm x 33.02cm x 6.86cm). Weight shall be approximately: 6.20lbs (2.81kg).

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