

VA-2000 ALERT MONITOR AND MESSAGE DISPLAY

Instant Audible and Visual Emergency Information

Expand the Reach of Your Public Warning System with the VA-2000.

When disaster strikes, deliver urgent and critical text-based emergency information directly to:

- Homes
- Schools
- Hospitals
- Business/Industrial Facilities
- Government Offices
- Emergency Vehicles

Warning the public is a two step process: **Alert** and **Inform**.

When activated, the VA-2000 will sound a piercing alert tone, flash a high intensity LED and display one of up to 60 pre-programmed messages on its easy to read display. A message will remain on the VA-2000 until reset.

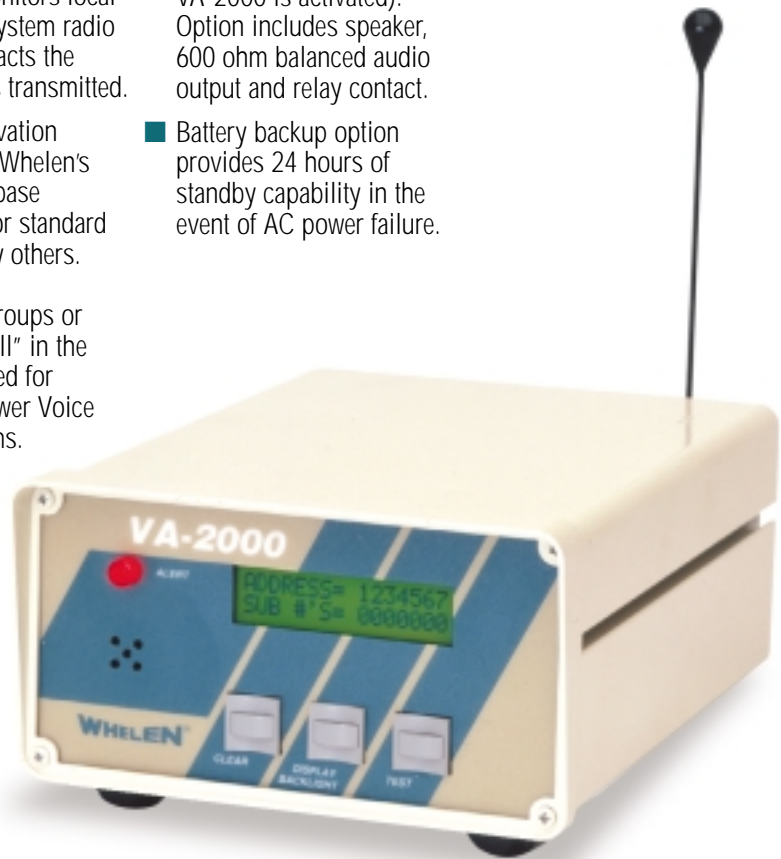
Whelen's VA-2000 provides instant information that defines the emergency condition and prompts the correct response, eliminating confusion and saving lives.

The VA-2000 is also useful for providing emergency notification in ADA (Americans with Disabilities Act) applications.

FEATURES

- Two line by 16 character backlighted message display. Messages may be up to 96 characters in length. The VA-2000 display advances through messages longer than 32 characters at the rate of 3 seconds per "page."
- Total message capacity: 1500 characters.
- Continuously monitors local public warning system radio frequency and reacts the instant an alert is transmitted.
- Responds to activation commands from Whelen's Series of DTMF base station controls or standard DTMF formats by others. May be activated individually, in groups or by system "all call" in the same manner used for Whelen High-Power Voice and Siren Systems.
- Messages and activation codes are user programmable via personal computer and many commercially available modem communication programs using the "chat" mode.
- Audio option adds capability to receive live announcements via local public warning system radio frequency (when VA-2000 is activated). Option includes speaker, 600 ohm balanced audio output and relay contact.
- Battery backup option provides 24 hours of standby capability in the event of AC power failure.

WHELEN[®]
ENGINEERING COMPANY, INC.



VA-2000 ALERT MONITOR AND MESSAGE DISPLAY

Specification Data

BASIC SYSTEM

Communication

DTMF, 2 of 8 format.

DTMF Decoding

Whelen 10 digit protocol or other 3-8 digit activation formats. Digit rate programmable @ 1-15 digits per second.

Message Display

Backlighted LCD (Liquid Crystal Display) 2 line by 16 character. Character height: 5.55 mm.

Number of Messages

Whelen 10 digit protocol: up to 60 messages. Other 3 to 8 digit DTMF formats: up to 15 messages.

Message Length

Up to 96 characters. Messages longer than 32 characters advance at the rate of 3 seconds per "page."

Message Capacity

1500 characters.

Alert Indicator

High-intensity LED, with red prismatic lens.

Local Controls

Clear, Display Backlight & Test.

Programming

RS-232, 1200bps, programmed from PC using commercially available modem communication program in "chat" mode.

Weight

3.6 Lbs. (1.63kg) Includes all options.

Enclosure

Aluminum, powder coated.

Color

Almond.

Size

3.4" (9mm) high x 5.9" (15mm) wide x 7.6" (19.30mm) deep.

ELECTRICAL

Receive frequency

132-174Mhz, 403-430Mhz, 450-470Mhz

Tone Alert

Piezo, 3.7Khz tone, 106 dBa.- Nominal.

Input power

12VDC nominal. VA-2000 is supplied with UL listed wall mount transformer.

Power consumption

40ma @12VDC typical, 225ma maximum.

Operating Temperature

0°C to 60°C.

Humidity

0-95%, non-condensing.

ORDERING INFORMATION

Model VA2000H

VA-2000 basic unit with VHF high-band receiver, 132-174Mhz.

Model VA2000U

VA-2000 basic unit with UHF receiver, 403-430Mhz, 450-470Mhz.

OPTIONS

VA2AUDIO

Internal one (1) watt speaker, 600 ohm balanced audio output, -25dB to 0dB and 1-form C relay contact. Relay contact: 1/2a @120VAC, 1a @12VDC.

VA2BATT

Sealed gell cell battery and battery charger. Option provides up to 24 hours of standby capacity in the event of power failure. In the event of activation, display remains active, display backlight and LED alert indicator extinguish 3 minutes following activation.

VA2PKIT

PC to VA2000 wiring connection. Programming wiring kit includes RS-232 nine pin connector, 6' cable and connector for VA-2000. User programming requires PC and modem communications program supplied by end user.

VA2PROG

Factory programming of VA-2000 display messages.

VA2TSQ

CTCSS , Tone Coded Squelch.

YOUR WARNING SYSTEM

At Whelen, no application is too large or too small. Systems engineering and product application is our specialty. For more information on our VA-2000, and our complete line of Whelen High-Power Voice and Siren Systems and associated products, please call or write.

WHELEN®

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