

# VA2000 ALERT MONITOR & MESSAGE DISPLAY



## Instant Audible and Visual Emergency Information

### Expand the reach of your Mass Notification System with the VA2000.

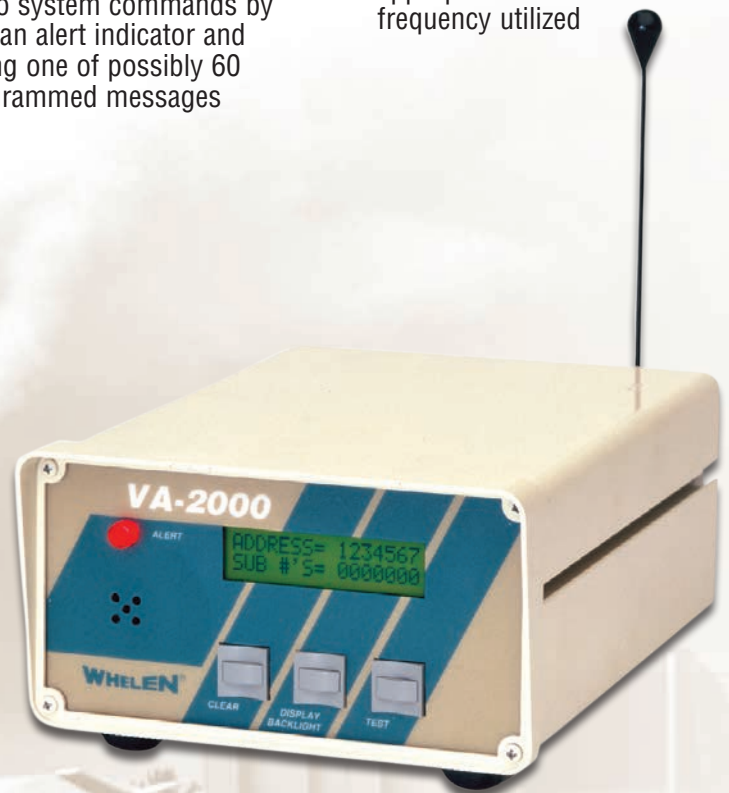
When disaster strikes, deliver urgent and critical text-based emergency information directly to:

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

When activated, the VA2000 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 VA2000 until reset.

Whelen's VA2000 provides instant information that defines the emergency condition and prompts the correct response, eliminating confusion and saving lives.

- Complements a Whelen Mass Notification System
- High grade commercial quality radio
- Receive only warning device featuring an alert monitor and message display
- Follows Whelen's Mass Notification Warning activation command sequences as well as other DTMF protocols
- Continuously monitors local public warning system radio frequency, enabling instantly in a real time response
- Reacts to system commands by flashing an alert indicator and displaying one of possibly 60 pre-programmed messages
- Stand-alone desk top unit
- Operates on 12VDC, a UL listed wall mount transformer is supplied for primary power
- Capable of receiving live announcements through Whelen system's public address. This enables the user to listen to live public address through the audio output path
- Rechargeable battery back-up option provides 24 hours of standby capability in the event of an AC power loss
- Includes a whip antenna appropriate to the radio frequency utilized



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# WHELEN®

## 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**  
Backlight 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.
- **Audio**  
Internal 1 watt speaker, 600 ohm balanced audio output -25dB to 0dB.
- **Weight**  
3.6 lbs. (1.63kg) includes all options.
- **Enclosure**  
Aluminum, powder coated.
- **Color**  
Almond.
- **Size**  
3.4" (9mm) H x  
5.9" (15mm) W x  
7.6" (19.30mm) D.

### RECEIVER

- **Receive frequency**  
138-174MHz, 450-470MHz. Contact factory for narrow-band requirements.
- **Tone Alert**  
Piezo, 3.7Khz tone, 106 dBA.- nominal.
- **Input power**  
12VDC nominal. VA2000 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.
- **Relay Contact**  
1/2a @ 120VAC,  
1a @ 12VDC

### ORDERING INFORMATION

- **Model VA2000H**  
VA2000 basic unit with VHF high-band receiver, 138-174MHz.
  - **Model VA2000U**  
VA2000 basic unit with UHF receiver, 450-470MHz.
- Note:** Contact factory for narrow-band requirements.

### OPTIONS

- **VA2BATT**  
Sealed gel 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.
- **VA2MTG**  
Mounting bracket for under cabinet or vehicle mounting.
- **VA2PROG**  
Factory programming of VA2000 display messages.
- **VA2TSQ**  
CTCSS, Tone coded squelch.

### WHELEN MASS NOTIFICATION PRODUCTS

At Whelen, no application is too large or too small. Emergency warning products designing, engineering and manufacturing is our specialty. For more information on the VA2000, and our complete line of Whelen Mass Notification Products and associated products, please call or e-mail us at [iowsales@whelen.com](mailto:iowsales@whelen.com)

### MASS NOTIFICATION PRODUCTS

Whelen Engineering Company, Inc.  
51 Winthrop Road  
Chester, Connecticut 06412-0684  
860-526-9504  
800-637-4736  
[www.whelen.com](http://www.whelen.com)  
[iowsales@whelen.com](mailto:iowsales@whelen.com)

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**"Our Mass Notification Products  
Speak for Themselves"™**