

VA300 ALERT MONITOR

WHELEN[®]

Instant Audible Emergency Information

Expand the reach of your All-Hazard Warning System with the VA300.

When disaster strikes, deliver urgent and critical 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**. The VA300 provides an economical manner to expand the reach of your Whelen Warning System. When activated from Whelen's series of DTMF base station controls, the VA300 sounds a piercing alert tone for about 5 seconds, flashes a high intensity LED and enables an audio speaker to monitor radio activity with a commercial grade receiver.

FEATURES

- Complements a Whelen Emergency All Hazards Warning System
- Simple and Easy to Use CLEAR and TEST Controls
- Receive Only Warning Device Featuring an Alert Tone and Flashing LED
- Follows Whelen's All Hazards Public 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

- Stand-Alone Desk Top Unit
- Operates on 12vdc, a U.L. Listed Wall Mount Transformer is Supplied for Primary Power.
- Includes an Internal Antenna

Now included is a ½ AMP Relay Contact Closure



VA300 ALERT MONITOR

Specification Data

BASIC SYSTEM

Communication:

Radio receiver and internal antenna

DTMF Decoding:

Whelen 10 digit protocol.
Other protocols of 3 or more DTMF digits

Alert Indicator:

Flashing, high intensity red LED

Local Controls:

Clear, Test, LO/HI volume setting

Weight:

1.2 lbs. (0.6 Kg)

Enclosure:

High Impact Polymer

Color:

Driftwood/Black

Size:

2.3" (58.4 mm) High x
8.2" (202.3 mm) Wide x
4.4" (111.8 mm) Deep

ELECTRICAL

Tone Alert:

Piezo, 3.7Khz. tone

Input power:

12VDC nominal. VA-300 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:

1/2 @ 120VAC, 1a @ 12VDC

RECEIVER

Receive Frequency:

150-174Mhz, 450-470Mhz
Contact factory for other frequencies. Contact factory for Narrow Band Requirements

FCC Rule Parts:

90,95

Operating Temperature Range:

-30° to +60° C

Receiving System:

Dual Conversion
Superheterodyne

Frequency Stability:

+/- 10PPM (-30° to +60° C)

Selectivity:

-55dB Minimum @ +/-25 Khz

Intermodulation:

-65dB Minimum @ +/-25 Khz

Sensitivity:

-35 μ V Minimum @12dB
SINAD

ORDERING INFORMATION

Model VA300H:

VA300 basic unit with VHF high-band receiver, 150-174Mhz

Model VA300U:

VA300 basic unit with UHF receiver, 450-470Mhz
Contact Factory for Narrow-Band Applications

WHELEN[®]**ENGINEERING COMPANY, INC.****PUBLIC WARNING PRODUCTS**

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