Whelen’s OMNI-ALERT™ Series provides an economical alternative for powerful omni-directional siren warning without compromising quality.

SYSTEM FEATURES

- **OA3** – Three omni-directional speaker cells assembled in a vertical column
- Two-compartment (Type I) natural finish aluminum cabinet
- Speaker cell includes three high efficiency 400 watt EZ-PULL™ speaker drivers
- Pole top mounting bracket included
- Battery powered. Minimum of 15 minutes of full power output with batteries of our recommendation
- AC temperature compensated 5 amp battery charger
- 50’ (15.24m) cable included
- Three power amplifiers
- Local controls or remote controls
- Electronic siren controller
- Tone generator timer
- Local control push-buttons
- SI TEST®.
- Low battery alarm
- Battery tray
- Lightning arrester
- Six standard public warning tones - Wail, Whoop, Attack, Hi-Lo, Alert, Airhorn

SYSTEM OPTIONS

- Solar option – 2 each 80 watt panels, with brackets and solar regulator
- Batteries – 2 each Whelen approved batteries. Check Whelen’s web site (www.whelen.com) for other recommended batteries
- VisuAlert™ – Omni-Directional visual warning Model VALERT® for OA Series
- L31H*F4 – Top mount high dome beacon for 2900 Series, 24 VDC

SIREN ACTIVATION CONTROLS

Our VHF High and UHF siren activation control packages include the following:

- Radio
- Radio Interface
- Tone or digital squelch
- 3-5dB Gain Omni-Directional Antenna with Bracket
- 35’ (10.67m) of RG58 Antenna Cable
- Polyphaser
- SI TEST

Other features are dependant upon one or two-way controls. Whelen equipment can be interfaced with many different types of two-way radio communications products and systems. The following is offered as standard options. Contact factory for special applications.

ONE-WAY CONTROLS

- **OAUXIN** - Auxiliary board for contact closure activation
- **OD2030LL** - 10 Digit DTMF landline activation
- **OD230NV** - 10 Digit DTMF VHF High-Band Narrow-Band / 138-174 MHz
- **OD230NU** - 10 Digit DTMF UHF Narrow-Band 450-470 MHz
- **OTT** - Two-tone sequential option

TWO-WAY CONTROLS

- **OAUXCS** - Two-way contact closure activation and status board
- **OC2030LL** - Two-way landline activation
- **OC230NV** - 10 digit DTMF VHF High-Band Narrow-Band 138-174 MHz
- **OC230NU** - 10 Digit DTMF UHF Narrow-Band 450-470 MHz

OPTIONS

- **OSTATUS** - Cabinet window LED Status Indicator
- **OPGINT1** - Paging interface to interface Whelen tones with existing paging systems
- **OINTRU** - Intrusion alarm (available with two-way only)
**OA3 Three Cell**

### Specifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Height Inches (CM)</th>
<th>Width Inches (CM)</th>
<th>Depth Inches (CM)</th>
<th>Weight Lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OA3 Speaker</td>
<td>43.6 (110.74)</td>
<td>33.4 (84.84)</td>
<td>–</td>
<td>217 (98.42)</td>
</tr>
<tr>
<td>Electronics Cabinet Type I (Aluminum)</td>
<td>32.5 (82.6)</td>
<td>22.5 (57.2)</td>
<td>10.5 (26.7)</td>
<td>76 (34.5)</td>
</tr>
<tr>
<td>Pole Top Bracket</td>
<td>30.5 (77.47)</td>
<td>12.0 (30.5)</td>
<td>13.5 (34.3)</td>
<td>See Drawing</td>
</tr>
</tbody>
</table>

Batteries add 90 lbs. Pallets, boxes and skids add weight. Check with Whelen if a freight quote is needed.

### Electrical

- **Battery Charger Input**: 120VAC, 60Hz, 7A Fuse.
- **Battery Charger Output**: 28VDC, S.A. (nominal)
- **Batteries**: 2-12V, 60AH lead cadmium (user supplied).
- **Standby Current**: 82mA, 24VDC
- **Operating Current**: 67A, 24VDC.
- **Power Amplifier Output Power**: 1200 watts.

### Environmental

- **Operating Temperature**: -35C to +60C.
- **Storage Temperature**: -65C to +125C.
- **Humidity, Non-Condensing**: 0 to 95%.

### Ordering Information

**BASIC SYSTEM INCLUDES ALL OF THE FOLLOWING**

- **OA3 - Speaker Assembly, Electronics Cabinet & Pole Top Bracket**
- **OAUXIN - Auxiliary board for contact closure activation**
- **OAUXCS - Auxiliary / status control board for contact closure activation and status**
- **OD2030LL, OD230NV, OD230NU - One-way Narrow-Band radio control**
- **OC2030LL, OC230NV, OC230NU - Two-way Narrow-Band radio control / status monitoring, COMM/STAT™**
- **OTT - Two-tone sequential**
- **OSTATUS - Cabinet window LED status indicator**
- **OPGINT1 - Paging interface to interface Whelen tones with existing paging systems**
- **ONTRU - Intrusion alarm**
- **OSBC280 - Solar power, 2 x 80W**
- **OBATT - One pair of batteries**
- **VALERT™ - VisuAlert™ 360° highly effective LED warning**
- **L31TH™ F4 - L31 LED, 24VDC**

*Replace symbol in model number with letter indicating LED color desired: A = Amber; B = Blue; C = Clear/White; R = Red; RC = Red/White.

**NOTES**

- 10 digit DTMF Controls • Landline • VHF High-Band / 138-174 MHz • UHF / 450-470 MHz
- Our VHF High and UHF activation control packages include tone squelch, radio, radio interface, 3-5dB gain omni-directional antenna with bracket, 35 (10.67m) of RG58 antenna cable and polyphaser.

### OA3 Acoustic Performance

**Wattage**: 1200 watts

Estimated 70db range: 2,400 ft / 731 m

Weather, terrain and other structures may impact the range. Each siren within the system may have a decreased or increased range depending on conditions beyond our control.

**WARNING**: These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.