Whelen’s HORNET Series All Hazard Sirens provide an economical alternative for replacing outdated electro-mechanical sirens.

SYSTEM FEATURES
- HORNET - Speaker assembly
- Two-Compartment (Type I) natural finish aluminum cabinet
- Speaker includes one high efficiency 400 watt speaker driver
- 50’ (15.24m) Cable
- Battery powered. Minimum of 15 minutes of full power output with batteries of our recommendation
- AC temperature compensated 5 amp battery charger
- Local controls or remote controls
- One power amplifier
- Rotor
- Electronic siren controller
- Tone generator timer
- Local control push-buttons
- SI TEST®
- Low Battery alarm
- Battery tray
- Lightning arrestor
- 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
- Pole Top Bracket

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
- Low battery alarm (two-way only)
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 the factory for special applications.

ONE WAY CONTROLS
- HAU Xin - Auxiliary board for contact closure activation
- HD2030LL - 10 digit DTMF landline activation
- HD230NV - 10 digit DTMF VHF high band narrow band / 138-174 Mhz
- HD230NU - 10 digit DTMF UHF narrow band / 450-470 Mhz
- HORTT - Two-tone sequential option

TWO WAY CONTROLS
- HAUXCS - Two-way contact closure activation and status board
- HC2030LL - Two-way landline activation
- HC230NV - 10 digit DTMF VHF high band narrow band / 138-174 Mhz
- HC230NU - 10 digit DTMF UHF narrow band / 450-470 Mhz

OPTIONS
- HSTATUS - Cabinet window LED status indicator
- HPGINT - Paging interface to interface Whelen tones with existing paging systems
- HINTRU - Intrusion alarm (available with two-way only)
**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>HORNET Speaker &amp; Rotor</td>
<td>41.0 (104.2)</td>
<td>30.5 (77.5)</td>
<td>23.0 (58.4)</td>
<td>100 (45.4)</td>
</tr>
<tr>
<td>Electronics Cabinet Type I</td>
<td>32.5 (82.6)</td>
<td>22.5 (57.2)</td>
<td>10.5 (26.7)</td>
<td>67 (30.5)*</td>
</tr>
<tr>
<td>Pole Top Bracket (Optional)</td>
<td>See Drawing</td>
<td></td>
<td></td>
<td>71 (32.3)</td>
</tr>
</tbody>
</table>

* Less batteries. Two batteries, add 90 Lbs. (40.9kg)

**Electrical**
- Battery Charger Input: 120VAC, 60Hz, 7A Fuse
- Battery Charger Output: 28VDC, 5A (nominal)
- Batteries: 2-12V, 60AH Lead Calcium (user supplied)
- Standby Current: 82mA
- Operating Current: 22A, 24VDC
- Power Amplifier Output Power: 400 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**
- HORNET - Speaker assembly & electronics cabinet

**OPTIONS**
- HAUXIN (one-way) / HAUXCS (two-way) - Auxiliary boards for contact closure activation
- HD2030LL / HD230NV / HD230NU - One-way radio controls
- HC2030LL, HC230NV / HC230NU - Two-way radio controls
- HORTT - Two-tone sequential
- HSTATUS - Cabinet window LED status indicator
- HPGINT - Paging interface to interface Whelen tones with existing paging systems
- HINTRU - Intrusion alarm
- HSBC80 - Solar power
- HPTB - Speaker pole top bracket
- BSETOR - One pair of batteries

**NOTES**
- Solar power option includes 2 - 80 watt panels, mounting bracket and regulator

**Hornet Acoustic Performance**

Wattage: 400 watts  
Estimated 70dB Range: 2400 ft / 730 m

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**WARNING:** This product 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.

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**ISO 9001 Registered QMS**