Whelen’s All-Hazard WPS4004 Series
High-Power Voice and Siren Systems deliver clear, powerful voice and siren communication.

SYSTEM FEATURES

- **WPS4004** - Speaker with four active speaker cells
- Two compartment (Type II) natural finish aluminum or stainless steel cabinet
- WPS4004 speaker includes four high efficiency 400 watt speaker drivers
- 50’ (15.24m) Cable
- Pole top mounting bracket
- Public address and pre-recorded voice message capability
- Battery powered. Minimum of 30 minutes of full power output, with batteries of our recommendation.
- AC temperature compensated “tri-mode” 10 amp battery charger
- Local or remote controls available
- Four power amplifiers
- Electronic siren controller
- Tone generator timer
- Local control push-buttons
- Battery switch
- **RDVM1G** – digital voice 1-28 message capable
- **SI TEST**
- **SLIDEOUT**™ - Pull out 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, Delco S2000 or Interstate Workaholic 31-MHD Batteries. Also, check Whelen’s web site for other recommended batteries.
- Microphone - noise cancelling microphone for use at the cabinet (locally) or at the control point (remotely)

**SIREN ACTIVATION CONTROLS**

Our VHF High and UHF radio narrow-band control packages feature Whelen Protocol COMM/STAT™ and 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 available as standard options. Contact factory for special applications.

**TWO-WAY CONTROLS**

- **AUXCS** - Two-way contact closure activation and status board
- **C2030LL** - two-way landline activation
- **C2030NV** - 10 Digit DTMF VHF high band narrow band / 450-470 MHz
- **C2030NU** - 10 Digit DTMF UHF narrow-band

**OPTIONS**

- **STATUS** - cabinet window LED status indicator
- **PGINT** - paging interface to interface Whelen tones with existing paging systems
- **INTRUWPS** - intrusion alarm (available with two-way only)
**Specifications**

<table>
<thead>
<tr>
<th>Component</th>
<th>Height (Inches)</th>
<th>Width (Inches)</th>
<th>Depth (Inches)</th>
<th>Weight (Lbs. (kg))</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPS4004 Speaker</td>
<td>52.5 (133.35)</td>
<td>29.0 (73.6)</td>
<td>56.0 (142.24)</td>
<td>281 (127.50)</td>
</tr>
<tr>
<td>Electronics Cabinet Type II (Aluminum)</td>
<td>60.5 (153.67)</td>
<td>33.20 (84.33)</td>
<td>12.0 (30.50)</td>
<td>147 (66.70)**</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>

*Stainless cabinet option adds 58 lbs. (26.30 kg)
① A 6.00” Wide Mounting Channel adds 3.50” in Height and 2.00” in Depth.
** Less batteries. Two batteries, add 115 Lbs. (40.9kg)

**Electrical**

- Battery charger input: 120VAC, 60Hz, 7A fuse (240VAC 50/60 Hz available)
- Battery charger output: 28VDC, 10A (nominal)
- Batteries: (2) 12V, 115AH lead calcium
- Standby current: 82mA, 24VDC
- Operating current: 89A, 24VDC
- Power amplifier output power: Tone: 1600 Watts
  Voice: 2000 Watts

**Environmental**

- Operating temperature: -35°C to +60°C
- Storage temperature: -65°C to +125°C
- Humidity, non condensing: 0 to 95%

**Ordering Information**

- **WPS4004** – Speaker assembly with 50’ (15.24m) cable & electronics cabinet with all the standard components including voice board for 1-28 pre-recorded messages and Pole Top Bracket

**OPTIONS**

- AUXIN (one-way) / AUXCS (two-way) – Auxiliary boards for contact closure activation
- D2030LL, D2030NV, D2030NU – One-way radio control
- C2030LL, C2030NV, C2030NU – Two-way radio control / status monitoring, COMM/STAT™
- WPSTT – Two-tone sequential
- STATUS – Cabinet window LED status indicator
- PGINT – Paging interface
- INTRUWPS – Intrusion alarm (two-way only)
- MSGPGR03 – Custom pre-recorded messages
- MSGPGR06 – Whelen library messages
- WPSNCMIC – Microphone for public address use at the cabinet
- WPSBATT – One pair of Whelen approved batteries
- SBC280 – Solar option

**Acoustic Performance**

- Wattage: 1600 watts
- Estimated 70dB Range: 6,000 ft./1829 m

**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.

**ISO 9001 Registered QMS**