Whelen’s Mass Notification WPS2900 Series omnidirectional voice product delivers clear, powerful voice communication.

**SYSTEM FEATURES**
- **WPS2909** — Nine omni-directional speaker cells assembled in a vertical column
- Three compartment (Type III) natural finish aluminum or stainless steel cabinet
- Speaker cell includes nine high efficiency 400 watt EZ-PULL™ speaker drivers
- 50’ (15.24m) cable included
- Pole top mounting bracket included
- Public address and pre-recorded voice message capability
- AC temperature compensated "tri-mode" 10 amp battery charger
- Local or remote controls available
- Battery powered
- Nine power amplifiers
- Electronic controller
- Tone Generator Timer
- Local control push-buttons
- Battery switch
- RDVM1G — digital voice 1-28 message capable
- SLIDEOUT™ battery tray
- Lightning arrestor
- Six standard warning tones – Wail, Whoop, Alert, Attack, Hi-Low, Airhorn

**SYSTEM OPTIONS**
- Solar option — Two each 80 watt panels, with brackets and solar regulator
- Batteries — Four each Delco S2000 or Interstate Workaholic 31-MHD Batteries. Check Whelen’s web site, www.whelen.com, for other recommended batteries
- Microphone — for use at the cabinet (locally) or at the control point (remotely)
- VisuAlert™ — Omni-Directional visual warning Model VALERT* for 2900 Series
- L31H*F4 — Top mount high dome beacon for 2900 Series, 24 VDC

**ACTIVATION CONTROLS**
Our VHF and UHF radio narrow-band control packages feature Whelen protocol COMM/STAT™ and include the following:
- Radio
- Radio interface
- Tone or digital squelch
- 3-5 dB 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 dependent upon one or two-way controls. Whelen equipment can be interfaced with many different types of two-way radio communications products and systems, from ACE, MOSCAD and FSK.

The following is available as standard options. **BOLD BLUE** indicates the Whelen Model:

**ONE-WAY CONTROLS**
- **AUXIN** — Auxiliary board for contact closure activation
- **D2030LL** — 10 digit DTMF Landline
- **D2030NV** — 10 digit DTMF VHF High-Band Narrow-Band/138-174MHz
- **D2030NU** — 10 digit DTMF UHF Narrow-Band /450-470MHz
- **WPSTT** — Two-tone sequential option (one-way radio package must be ordered from above options)

**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/138-174MHz
- **C2030NU** — 10 digit DTMF UHF Narrow-Band /450-470MHz

**OPTIONS**
- **STATUS** — Cabinet window LED status indicator
- **PGINT** — Paging interface
- **INTRUWPS** — Intrusion alarm
WPS2909 Nine Cell

Specifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Height (Inches)</th>
<th>Width (Inches)</th>
<th>Depth (Inches)</th>
<th>Weight (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WPS2909 Speaker</td>
<td>118.0 (299.72)</td>
<td>33.4 (84.84)</td>
<td>–</td>
<td>535 (242.67)</td>
</tr>
<tr>
<td>Electronics Cabinet</td>
<td>74.5 (189.23)</td>
<td>33.2 (84.33)</td>
<td>12 (30.5)</td>
<td>233 (105.7)</td>
</tr>
<tr>
<td>Pole Top Bracket</td>
<td>30.5 (77.47)</td>
<td>12.0 (30.5)</td>
<td>13.5 (34.5)</td>
<td>71 (32.20)</td>
</tr>
</tbody>
</table>

Batteries add 230 lbs. (104.32 kg). *Stainless cabinet option adds 80 lbs. (36.29 kg)

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

The table above provides a summary of the dimensions and weight for each component of the WPS2909 system.

Environmental

- Operating Temperature: -35°C to +80°C
- Storage Temperature: -65°C to +125°C
- Humidity, Non Condensing: 0 to 95%

Ordering Information

**BASIC SYSTEM INCLUDES THE FOLLOWING**

- WPS2909 – Speaker assembly with 50° (15.24m) cable & electronics cabinet with all the standard components including voice board for 1-2 pre-recorded messages and Pole Top Bracket

**OPTIONS**

- AUXIN (one-way) / AUCCS (two-way) – Auxiliary boards for contact closure activation
- D230SLL/D230SNV/D230SU – One-way controls
- C230SLL/C230SNV/C230SU – Two-way controls
- WPSTT – Two-tone sequential
- STATUS – Cabinet window LED status indicator
- PGINT – Paging interface
- INTRUWPS – Intrusion alarm (two-way only)
- MSGPROG – Custom pre-recorded messages
- MSGPROGL – Whelen library messages
- WPSCMIC – Microphone for public address use at the cabinet
- WPSBATT – One pair of Whelen approved batteries
- RTM – Roof top mount
- SBC280 – Solar option

**OPTIONAL LIGHTING ACCESSORIES**

- VALERT* - VisuAlert™ lighting accessory
- L31H*F4 – L31 LED, 24VDC
- LCWPS – LED controller with mounting plate, hardware and harnessing for L31
- LEDCTRL – LED controller only

* Specify color A-Amber, B-Blue, R-Red, C-White/Clear

Acoustic Performance

- Wattage: 3600 watts
- Estimated 70dB Range: 5,800 ft / 1768 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:** 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**