Whelen’s Mass Notification WPS2900 Series omni-directional voice product delivers clear, powerful voice communication.

SYSTEM FEATURES
- **WPS2905** – Five omni-directional speaker cells assembled in a vertical column
- Two compartment (Type II) natural finish aluminum or stainless steel cabinet
- Speaker cell includes five 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
- Five power amplifiers
- Electronic controller
- Tone Generator Timer
- Local control push-buttons
- Battery switch
- **RDVM1G** – digital voice 1-28 message capable
- **SI TEST**®
- **SLIDEOUT**™ battery tray
- Lightning arrester
- Six standard warning tones – Wail, Whoop, Alert, Attack, Hi-Lo, 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. 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. **BLUE BOLD** 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/138-174 MHz
- **D2030NU** – 10 digit DTMF UHF Narrow-Band /450-470 MHz
- **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/138-174 MHz
- **C2030NU** – 10 digit DTMF UHF Narrow-Band /450-470 MHz

**OPTIONS**
- **STATUS** – Cabinet window LED status indicator
- **PGINT** – Paging interface
- **INTRUWPS** – Intrusion alarm
**WPS2905 Five 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>WPS2905 Speaker</td>
<td>68.4 (173.73)</td>
<td>33.4 (84.84)</td>
<td>-</td>
<td>315 (142.88)</td>
</tr>
<tr>
<td>Electronics Cabinet Type II (aluminum)</td>
<td>60.5 (153.67)</td>
<td>33.2 (84.33)</td>
<td>12 (30.5)</td>
<td>162 (73.50)</td>
</tr>
<tr>
<td>Pole Top Bracket</td>
<td>30.5 (77.47)</td>
<td>12.0 (30.5)</td>
<td>13.5 (34.30)</td>
<td>71 (32.20)</td>
</tr>
</tbody>
</table>

*Chassis add 115 lbs. (52.16 kg)*  
*Stainless cabinet option add 58 lbs. (26.30 kg)*  
*Pallets, boxes and skids add weight. Check with Whelen if a freight quote is needed.*

### Electrical
- Battery Charger Input: 120VAC, 60Hz, 7A fuse (240 VAC 50/60 Hz available)
- Battery Charger Output: 28VDC, 10A (nominal)
- Batteries: (2) 12V, 115 AH lead calcium
- Standby Current: 82mA, 24VDC
- Operating Current: 111A, 24VDC

### Environmental
- Operating Temperature: -35°C to +60°C
- Storage Temperature: -65°C to +125°C
- Humidity: Non Condensing: 0 to 95%

### Ordering Information
- **BASIC SYSTEM INCLUDES THE FOLLOWING**
  - **WPS2905** – Speaker assembly with 50’ (15.24m) cable & electronics cabinet with all the standard components including voice board for 1-28 pre-recorded messages, Pole Top Bracket
- **OPTIONALS**
  - **AUXIN** (one-way) / **AUXCS** (two-way): Auxiliary boards for contact activation
  - **D2030LL/D2030NV/D2030NU** – One-way controls
  - **C2030LL/C2030NV/C2030NU** – Two-way controls
  - **WPSTT** – Two-tone sequential
  - **STATUS** – Cabinet window LED status indicator
  - **PGINI** – Paging interface
  - **INTRUWPS** – Intrusion alarm (two-way only)
  - **MSGPROG** – Custom pre-recorded messages
  - **MSGPROGL** – Whelen library messages
  - **WPSNCMIC** – 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

### Acoustic Performance
- **Wattage**: 2000 watts
- **Estimated 70dB Range**: 4,200 ft / 1280 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](http://whelen.com/regulatory).