**WPS2910 Ten Cell**

**Whelen’s Mass Notification**

**WPS2900 Series** omni-directional voice product delivers clear, powerful voice communication.

**SYSTEM FEATURES**
- **WPS2910** – Ten omni-directional speaker cells assembled in a vertical column
- Three compartment (Type III) natural finish aluminum or stainless steel cabinet
- Speaker cell includes ten 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
- Ten 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 – 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)

**OPTIONS**
- **STATUS** – Cabinet window LED status indicator
- **PGINT** – Paging interface
- **INTRUWPS** – Intrusion alarm

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

**OTHER FEATURES**
- Solar option – Two each 80 watt panels, with brackets and solar regulator
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- Low battery alarm (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>WPS2910 Speaker</td>
<td>130.4 (331.21)</td>
<td>33.4 (84.84)</td>
<td>–</td>
<td>584 (264.89)</td>
</tr>
<tr>
<td>Electronics Cabinet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type III (Aluminum)</td>
<td>74.5 (189.23)</td>
<td>33.2 (84.33)</td>
<td>12 (30.5)</td>
<td>240 (108.9)</td>
</tr>
<tr>
<td>(with top plate)</td>
<td>30.5 (77.47)</td>
<td>(with top plate)</td>
<td>12 (30.5)</td>
<td>71 (32.20)</td>
</tr>
</tbody>
</table>

Battery Charger Input: 120VAC, 60Hz, 7A fuse (240VAC 50/60 Hz available)
Battery Charger Output: 28VDC, 10A (nominal)
Batteries: (4) 12V, 115AH lead calcium
Standby Current: 70mA, 24VDC
Operating Current: 221A, 24VDC
Power Amplifier Output Power: Tone: 4000 watts, Voice: 5000 watts

Environmental

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

Ordering Information

**WPS2910** - Speaker assembly with 50’ (15.24m) cable and 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 controls
- C2030LL / C2030NV / C2030NU – Two-way controls
- WPSST – 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
- WPSNCMIC – Microphone for public address use at the cabinet
- WPS8ATT – 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: 4000 watts
Estimated 70dB Range: 6,100 ft / 1859 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