Model: P1S4-12
Type: SVC Subwoofer
Power Rating: 250 Watts (RMS)
Impedance: 4 ohms

Features
• High modulus Kevlar™ reinforced paper-pulp cone.
• Tear & fatigue resistant poly-cotton spider.
• High Density NBR (Nitrile Butadine Rubber) surround.
• High temp 2" voice coil with spun-laced Nomex™ insulating reinforcement collar
• Optimized motor magnets with extended pole and bumped vented backplate.
• Fatigue resistant and reduced strain "stitched on" flexible lead wire design.
• Proprietary spider venting/cooling technique
• Multi-point high-temp/high-strength neck joint bonding technique.
• Sturdy 16 gauge compound bend frame geometry
• Heavy gauge proprietary stamped steel frame
• Semi-flexible, PVC removable protective motor cover.
• Proprietary all metal, radially oriented compression input terminal assembly.
• Flex-fit™ Mounting pattern
• Soft-touch painted trim ring allows for optional integrated grill

Recommended Applications

<table>
<thead>
<tr>
<th>Enclosure</th>
<th>Volume (Vb)</th>
<th>Tuning(Fb)</th>
<th>System</th>
<th>-3dB (Fs)</th>
<th>Port Dia.</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealed</td>
<td>28.9</td>
<td>43.7</td>
<td>0.88</td>
<td>43.7</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ported</td>
<td>50.7</td>
<td>36.3</td>
<td>-</td>
<td>33.0</td>
<td>3.0</td>
<td>76.2</td>
</tr>
</tbody>
</table>

SPL & Excursion (at 250 Watts) / Impedance (at 1 Watt)

Thiele-Small Specifications

- Fs (Hz): 25.0
- Re (Ohms): 3.60
- Le (mH): 3.0
- Qts: 0.48
- Qes: 0.56
- Qms: 3.40
- Cms (mm/N): 0.21
- Vas (L): 88.3
- Mms (g): 194.9
- Mmd (g): 187.5
- Rms (kg/s): 9.0
- Airload (g): 7.4
- No (%): 0.24
- SPL (dB - 1W/1M): 86.0
- BL (T*M): 14.0
- *Xmax (mm): 9.4
- Sd (cm²): 548
- EBP: 45
- Krm (mOhms): 0.30
- Erm: 1.32
- Exm: 0.82
- Rem (Ohms): 30.95

Technical Specifications

- Voice Coil Diameter: 2.0  inches | mm
- Voice Coil Height: 1.10  inches | mm
- Voice Coil Layers: 4
- Magnetic Gap Height: 0.39  inches | mm
- Linear Excursion, (Xmax): 0.35  mm
- Maximum Excursion (mech), pk-pk: 2.05  inches | mm
- Magnet Weight: 45  oz | kg
- Woofer Displacement: 3.2  liters | cubic ft.
- Net Weight: 10.1  lbs | kg
- Power Rating: 250  RMS | Peak

Above specifications and dimensions comply with the CEA-2031 standard.

Specifications subject to change without notice.