Model: P1S8-15
Type: SVC Subwoofer
Power Rating: 250 Watts (RMS)
Impedance: 8 ohms

Features
- High modulus Kevlar™ re-inforced 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 re-inforcement collar
- Optimized motor magnetics 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 (Qts)</th>
<th>-3dB (F3)</th>
<th>Port Dia.</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealed</td>
<td>44.7 L</td>
<td>1.58 Hz</td>
<td>42.1 Qts</td>
<td>1.13 Hz</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ported</td>
<td>75.3 L</td>
<td>2.66 Hz</td>
<td>34.4 Qts</td>
<td>4.0 Hz</td>
<td>101.6 cm</td>
<td>10.8 cm</td>
</tr>
</tbody>
</table>

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

Thiele-Small Specifications
- Fs (Hz): 23.5
- Re (Ohms): 6.20
- Le (mH): 4.6
- Qts: 0.56
- Qes: 0.69
- Qms: 3.00
- Cms (mm/N): 0.18
- Vas (L): 191.5
- Mms (g): 261.9
- Mmd (g): 247.0
- Rms (kg/s): 12.9
- Airload (g): 14.9
- No (%): 0.34
- SPL (dB - 1W/1M): 87.5
- BL (T*M): 18.7
- *Xmax10 (mm): 9.0
- Sd (cm2): 876
- EBP: 34
- Krm (mOhms): 0.73
- Exm: 0.78
- Rem (Ohms): 40.84

Technical Specifications
- Voice Coil Diameter: 2.0 inches | mm
- Voice Coil Height: 1.10 inches | mm
- Voice Coil Layers: 4 layers
- Magnetic Gap Height: 0.39 inches | mm
- Linear Excursion, (Xmax): 0.35 inches | mm
- Maximum Excursion (mech), pk-pk: 2.13 inches | mm
- Magnet Weight: 60 oz. | kg
- Woofer Displacement: 5.4 liters | cubic ft.
- Net Weight: 13.6 lbs. | kg
- Power Rating: 250 RMS | Peak

* All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. All dual voice coil models are wired in series. Xmax10 represents actual effective excursion at <10% THD.

Above specifications and dimensions comply with the CEA-2031 standard.
Specifications subject to change without notice.