**KEY FEATURES**

- Real 800 w AES power handling
- Sensitivity: 100 dB @ 2.83v
- 4" duo technology voice coil
- Forced air convection circuit for low power compression
- Extende controlled displacement: Xmax ± 7.5mm
- Massive mechanical displacement capability: 52 mm p-p

**TECHNICAL SPECIFICATIONS**

- Nominal diameter: 380 mm. 15 in.
- Rated impedance: 8 ohms
- Minimum impedance: 6.2 ohms
- Power capacity*: 800 w AES
- Program power: 1600 w
- Sensitivity: 100 dB @ 2.83v @ 1m @ 2r
- Frequency range: 30 - 5000 Hz
- Recom. enclosure vol.: 40 / 150 l 1.4 / 5.3 ft.
- Voice coil diameter: 100 mm. 4 in.
- Magnetic assembly weight: 4.62 kg. 10.16 lb.
- BL factor: 23 N / A
- Moving mass: 0.099 kg.
- Voice coil length: 20 mm
- Air gap height: 12 mm
- X damage (peak to peak): 52 mm

**THIELE-SMALL PARAMETERS**

- Resonant frequency, fs: 35 Hz
- D.C. Voice coil resistance, Re: 5.2 ohms.
- Mechanical Quality Factor, Qms: 8.00
- Electrical Quality Factor, Qes: 0.22
- Total Quality Factor, Qt: 0.21
- Equivalent Air Volume to Cms, Vas: 217 l
- Mechanical Compliance, Cms: 201 μm / N
- Mechanical Resistance, Rms: 2.3 kg / s
- Efficiency, ηo (%): 4.5
- Effective Surface Area, Sd (m²): 0.0880 m²
- Maximum Displacement, Xmax**: 7.5 mm
- Displacement Volume, Vd: 660 cm³
- Voice Coil Inductance, Le @ 1 kHz: 1.3 mH

**DIMENSION DRAWINGS**

<table>
<thead>
<tr>
<th>Overall diameter</th>
<th>388 mm. 15.28 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolt circle diameter:</td>
<td>370 mm. 14.57 in.</td>
</tr>
<tr>
<td>Baffle cutout diameter:</td>
<td>349.5 mm. 13.76 in.</td>
</tr>
<tr>
<td>- Front mount</td>
<td>355 mm. 13.98 in.</td>
</tr>
<tr>
<td>- Rear mount</td>
<td>157.5 mm. 6.2 in.</td>
</tr>
<tr>
<td>Volume displaced by driver</td>
<td>5.5 l 0.19 ft.³</td>
</tr>
<tr>
<td>Net weight</td>
<td>3.6 kg. 7.92 lb.</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>4.6 kg. 10.12 lb.</td>
</tr>
</tbody>
</table>

Notes:

*The power capacity is determined according to AES2-1984 (2003) standard.
Program power is defined as the transducer’s ability to handle normal music program material.
**T-S parameters are measured after an exercise period using a preconditioning power test.
***The Xmax is calculated as (Lvc - Hag)/2 + Hag/3.5, where Lvc is the voice coil length and Hag is the air gap height.