A Legend Reborn

A legend among serious sound enthusiasts everywhere, the 800 Diamond is the top speaker in the range with clarity, imaging and dynamics that set it apart from everything else.

Technical Specifications

<table>
<thead>
<tr>
<th>Technical features</th>
<th>Description</th>
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<tbody>
<tr>
<td>Drive units</td>
<td>Free-mounted diamond dome tweeter Nautilus™ tube tweeter loading Quad magnet tweeter motor Kevlar® brand fibre cone FST™ midrange Sphere/tube midrange enclosure Rohacell® cone bass Dual magnet bass driver motor Matrix™ cabinet Flowport™</td>
</tr>
<tr>
<td>Frequency range</td>
<td>-6dB at 25Hz and 33kHz</td>
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<tr>
<td>Frequency response</td>
<td>32Hz - 28kHz ±3dB on reference axis</td>
</tr>
<tr>
<td>Dispersion</td>
<td>Within 2dB of reference response Horizontal: over 60º arc Vertical: over 10º arc</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>90dB spl (2.83V, 1m)</td>
</tr>
<tr>
<td>Harmonic distortion</td>
<td>2nd and 3rd harmonics (90dB, 1m) &lt;1% 45Hz - 100kHz &lt;0.5% 80Hz - 100kHz</td>
</tr>
<tr>
<td>Nominal impedance</td>
<td>8Ω (minimum 3.1Ω)</td>
</tr>
<tr>
<td>Crossover frequency</td>
<td>350Hz, 4kHz</td>
</tr>
<tr>
<td>Recommended amplifier power</td>
<td>50W - 1000W into 8Ω on unclipped programme</td>
</tr>
<tr>
<td>Max. recommended cable impedance</td>
<td>0.1Ω</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Height: 1180mm (46.5 in) (including rollers) Width: 450mm (17.7 in) Depth: 645mm (25.4 in)</td>
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<tr>
<td>Net weight</td>
<td>102kg (225 lb)</td>
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<tr>
<td>Finish</td>
<td>Cabinet: Cherrywood Rosnut Piano Black Gloss Grilles: Black cloth</td>
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