**Focal-JMlab - 15, rue J.C. Verpilleux - B.P. 201 - 42013 Saint-Etienne cedex 2 - FRANCE**

**AUDIOPHILE SERIES**

- Thick zamak alloy metal cast frame
- Semi exponential ultra light Polykevlar® cone, rubber surround
- Edgewound flat aluminium wire 40 mm voice coil, Kapton™ former, phase plug
- Efficiency : 91 dB
- Very high resolution midrange, low resonance frequency

**5 K 4411**

5" Polykevlar® midrange

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal power handling</td>
<td>70 W</td>
</tr>
<tr>
<td>Program power handling</td>
<td>150 W</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>91 dB (2.8V/1m)</td>
</tr>
<tr>
<td>Cone</td>
<td>Polykevlar®</td>
</tr>
<tr>
<td>Surround</td>
<td>Rubber</td>
</tr>
<tr>
<td>Nominal impedance</td>
<td>8 Ω</td>
</tr>
<tr>
<td>DC resistance</td>
<td>6 mm</td>
</tr>
<tr>
<td>VC diameter</td>
<td>40 mm</td>
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<tr>
<td>VC height</td>
<td>7 mm</td>
</tr>
<tr>
<td>Former</td>
<td>Kapton™</td>
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<tr>
<td>Layers</td>
<td>1</td>
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<tr>
<td>Wire</td>
<td>Aluminium</td>
</tr>
<tr>
<td>Inductance</td>
<td>0.24 mH</td>
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<tr>
<td>Xmax</td>
<td>1.55 mm</td>
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<tr>
<td>Magnet diameter x height</td>
<td>100 x 18 mm x mm</td>
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<tr>
<td>Magnet weight</td>
<td>564 g</td>
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<tr>
<td>Flux density</td>
<td>1.06 T</td>
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<tr>
<td>Gap height</td>
<td>6 mm</td>
</tr>
<tr>
<td>Net weight</td>
<td>1.6 kg</td>
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**PARAMETERS**

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<thead>
<tr>
<th>Parameters</th>
<th>Value</th>
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<tbody>
<tr>
<td>Fs</td>
<td>70.7 Hz</td>
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<tr>
<td>Vas</td>
<td>7.7 I</td>
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<td>Qms</td>
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<td>Rs</td>
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<tr>
<td>Rd</td>
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<td>Cqs</td>
<td>553E-10 m³/N</td>
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<tr>
<td>Mas</td>
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<tr>
<td>Ras</td>
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<tr>
<td>Cms</td>
<td>734E-6 m³/N</td>
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<tr>
<td>Mms</td>
<td>6.9 g</td>
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<tr>
<td>Rms</td>
<td>718 g/s</td>
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<td>Ces</td>
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<tr>
<td>Les</td>
<td>40.6 mH</td>
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<tr>
<td>Res</td>
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<tr>
<td>Bli</td>
<td>7.4 N/A</td>
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<tr>
<td>SPL</td>
<td>90.9 dB/W/m</td>
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**SIMULATION**

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<td>Qts (+Rg)</td>
<td>9580.9</td>
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<tr>
<td>Rs</td>
<td>6.9</td>
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<tr>
<td>Rd</td>
<td>6.9</td>
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**DRAWING**

**MEASUREMENTS**

**On axis and 30° off axis frequency response**

**Impedance magnitude versus frequency**

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