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

### AUDIOPHILE SERIES

- Thick zamak alloy metal cast frame
- Straight profile PolyKevlar® cone, rubber surround
- Edgewound flat copper wire 40 mm voice coil, Kapton™ former
- Efficiency: 89.2 dB
- Excellent for small 15 to 20 liter vented 2-way systems, superb transients

### 6 K 4411

6.1/2" PolyKevlar® midbass

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Nominal power handling</td>
<td>90 W</td>
</tr>
<tr>
<td>Program power handling</td>
<td>125 W</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>90.5 dB</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>13 mm</td>
</tr>
<tr>
<td>VC diameter</td>
<td>40 mm</td>
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<tr>
<td>VC height</td>
<td>13 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>Copper</td>
</tr>
<tr>
<td>Inductance</td>
<td>0.57 mH</td>
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<tr>
<td>Xmax</td>
<td>3.5 mm</td>
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<tr>
<td>Magnet diameter x height</td>
<td>100 x 18 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>0.92 T</td>
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<tr>
<td>Gap height</td>
<td>6 mm</td>
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<tr>
<td>Net weight</td>
<td>1.8 kg</td>
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### PARAMETERS

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<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Fs</td>
<td>52.0 Hz</td>
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<tr>
<td>Vas</td>
<td>16.0 W</td>
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<tr>
<td>Qts</td>
<td>0.39</td>
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<tr>
<td>Qes</td>
<td>0.41</td>
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<tr>
<td>Qsms</td>
<td>7.41</td>
</tr>
<tr>
<td>Re</td>
<td>5.8 Ω</td>
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<tr>
<td>Sd</td>
<td>124.7 cm²</td>
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<tr>
<td>Cax</td>
<td>114E-9 m²/N</td>
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<tr>
<td>Max</td>
<td>3.616.5 kg/m³</td>
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<tr>
<td>Ras</td>
<td>81.9 Ω/ac</td>
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<tr>
<td>Cms</td>
<td>734E-6 m²/N</td>
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<tr>
<td>Mms</td>
<td>12.7 g</td>
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<tr>
<td>Rms</td>
<td>562 g/s</td>
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<tr>
<td>Ces</td>
<td>215.0 μF</td>
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<td>Las</td>
<td>43.5 mH</td>
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<tr>
<td>Res</td>
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<tr>
<td>Bl</td>
<td>7.7 N/A</td>
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<td>SPL</td>
<td>89.3 dB/W/m</td>
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### SIMULATION

<table>
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<tbody>
<tr>
<td>Qc</td>
<td>7</td>
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<tr>
<td>Rg</td>
<td>0.3 Ω</td>
</tr>
<tr>
<td>Qts (1+Rg)</td>
<td>0.41 Ω</td>
</tr>
<tr>
<td>Vb</td>
<td>15</td>
</tr>
<tr>
<td>F-3</td>
<td>52.6 Hz</td>
</tr>
<tr>
<td>F-3</td>
<td>51.2 Hz</td>
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