**MW 144 - 5” BASS MIDRANGE**

**DCP Cone Double Magnet Vented Motor**

### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Dimensions</td>
<td>142mm (5.59&quot;) x 52mm (2.05&quot;)</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>150 W</td>
</tr>
<tr>
<td>Transient power 10ms</td>
<td>1000 W</td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>8 Ohms</td>
</tr>
<tr>
<td>Sensitivity Tw/Sm</td>
<td>80 dB</td>
</tr>
<tr>
<td>Frequency Response</td>
<td>35 - 5000 Hz</td>
</tr>
<tr>
<td>Resonant Frequency</td>
<td>32 Hz</td>
</tr>
</tbody>
</table>

**Voice coil**

- Voice Coil Diameter: 75mm (3")
- Voice Coil Height: 12.0mm (0.47")
- Voice Coil Former: Aluminum
- Voice Coil Wire: Hexalite Aluminum
- Number of Layers: 2
- DC Resistance: 5.20 Ohms
- Voice Coil Inductance @ 1kHz: 0.50 mH

**Magnet System**

- Magnet System Type: Double magnet Ferrite
- HE - Magnetic Gap Height: 5mm (0.2")
- B Flux Density: 0.68 T
- BL Product: 6.20 N.A
- Max. Linear Excursion: 3.5mm (0.137")

**Operational Parameters**

- Suspension Compliance: 686 uM / N
- Mechanical Q Factor: 2.44
- Electrical Q Factor: 0.71
- Total Q Factor: 0.55
- Mechanical Resistance: 1.76 Kg.
- Moving Mass: 13.68 Kg
- Eq. Cas Air Load (Bills): 8.00 L
- Cone / Dome Material: DPC
- Effective Piston Area: 90 cm²
- Net Weight: 1.0 Kg.

** FEATURES: **
- Large Hexalite aluminum voice coil
- Double magnet system
- High power handling
- Shallow profile DCP cone

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