

**10PLB76** 8 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) aluminium voice coil
- 50 - 2500 Hz response
- 98 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



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**SPECIFICATIONS**

Nominal Diameter	<b>250 mm (10 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6 Ω</b>
Nominal Power Handling	<b>400 W</b>
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	<b>800 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>98 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>50 Hz - 2500 Hz</b>
Voice Coil Diameter	<b>76 mm (3 in)</b>
Winding Material	<b>Aluminium</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>20 mm (0.79 in)</b>
Magnetic Gap Depth	<b>8 mm (0.33 in)</b>
Flux Density	<b>1.1 T</b>
Woofer Cone Treatment	<b>None</b>

**PARAMETERS**

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	<b>52 Hz</b>
Re	<b>4.8 Ω</b>
Qes	<b>0.2</b>
Qms	<b>3.4</b>
Qts	<b>0.19</b>
Vas	<b>31 dm<sup>3</sup> (1.09 ft<sup>3</sup>)</b>
Sd	<b>320 cm<sup>2</sup> (49.6 in<sup>2</sup>)</b>
η0	<b>2.2 %</b>
Xmax	<b>6 mm</b>
Xvar	<b>7 mm</b>
Mms	<b>43 g</b>
Bl	<b>18.4 Tm</b>
Le	<b>0.32 mH</b>
EBP	<b>260 Hz</b>

**DESIGN**

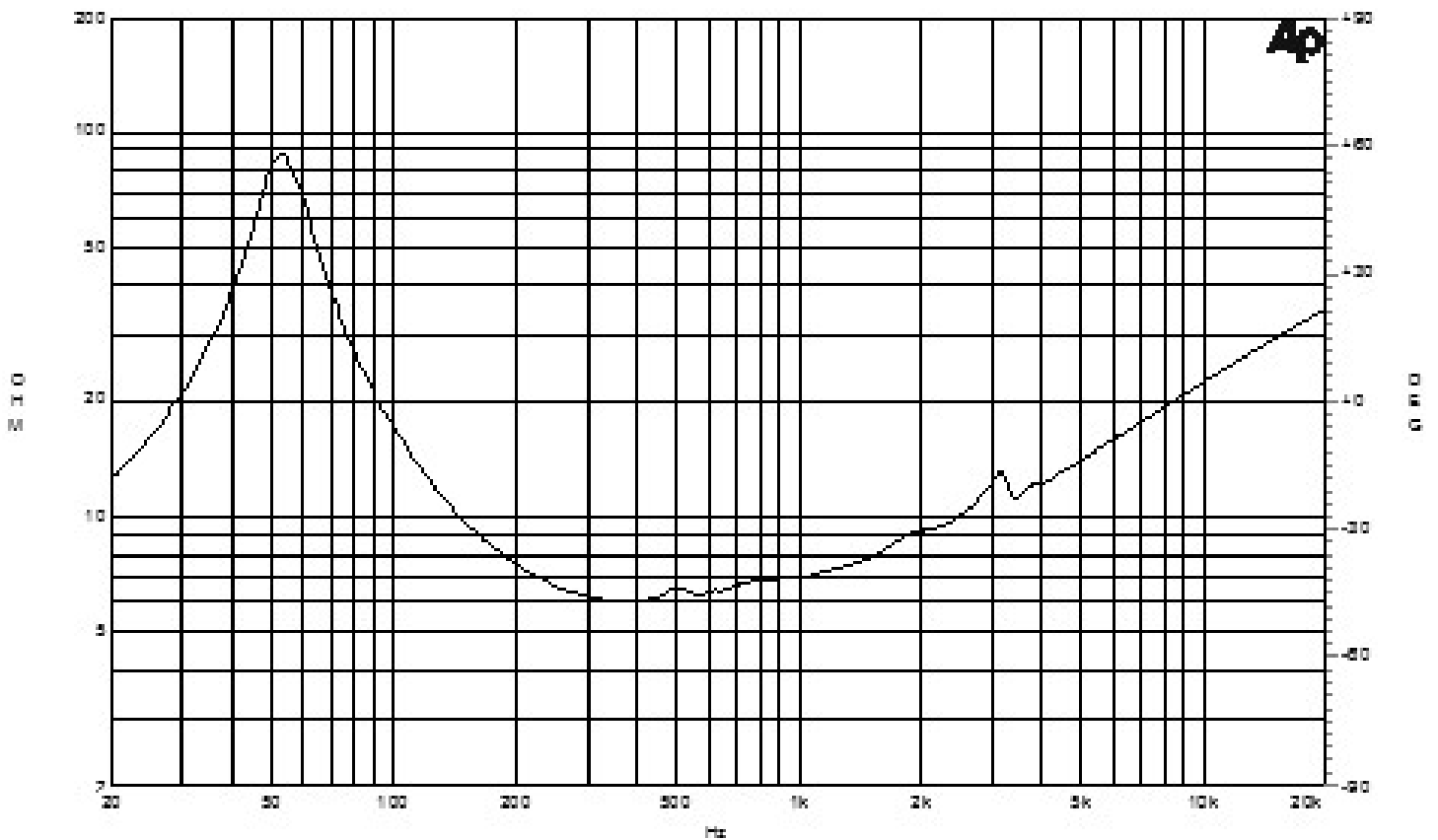
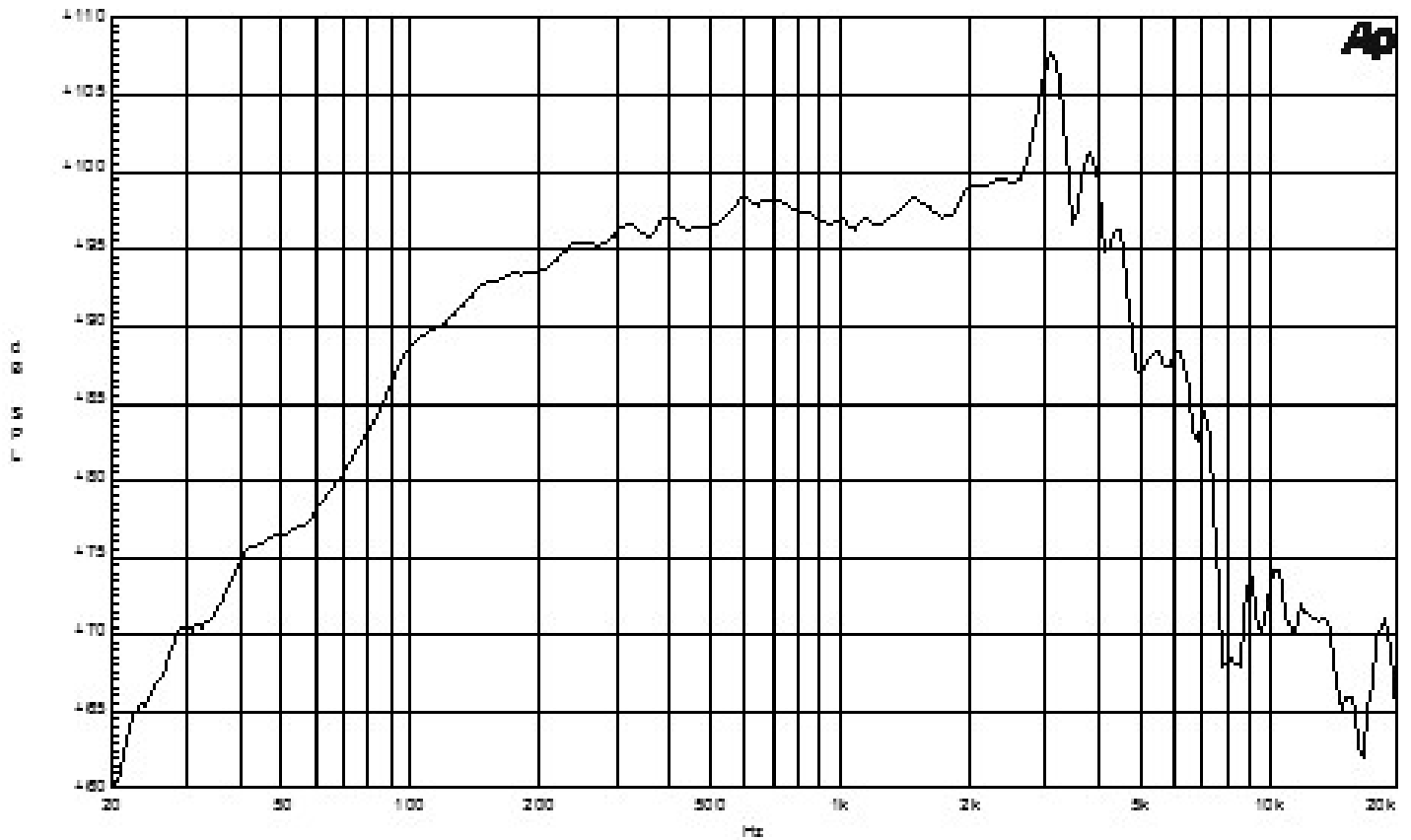
Surround Shape	<b>Double Roll</b>
Cone Shape	<b>Radial</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>None</b>

**MOUNTING AND SHIPPING INFO**

Overall Diameter	<b>262 mm (10.31 in)</b>
Bolt Circle Diameter	<b>245 mm (9.65 in)</b>
Baffle Cutout Diameter	<b>230 mm (9.06 in)</b>
Depth	<b>124 mm (4.88 in)</b>
Flange and Gasket Thickness	<b>14 mm (0.55 in)</b>
Air Volume Occupied by Driver	<b>2.6 dm<sup>3</sup> (0.09 ft<sup>3</sup>)</b>
Net Weight	<b>7.4 kg (16.31 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>8 kg (17.64 lb)</b>
Shipping Box	<b>295x314x175 mm (11.61x12.36x6.89 in)</b>

**SERVICE KITS**

LF recone-kits	<b>RCK10PLB768</b>
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