

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	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Nominal Power Handling	400 W
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	800 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	98 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 2500 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	20 mm (0.79 in)
Magnetic Gap Depth	8 mm (0.33 in)
Flux Density	1.1 T
Woofers Cone Treatment	None

PARAMETERS

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

Fs	52 Hz
Re	4.8 Ω
Qes	0.2
Qms	3.4
Qts	0.19
Vas	31 dm³ (1.09 ft³)
Sd	320 cm² (49.6 in²)
η0	2.2 %
Xmax	6 mm
Xvar	7 mm
Mms	43 g
Bl	18.4 Tm
Le	0.32 mH
EBP	260 Hz

DESIGN

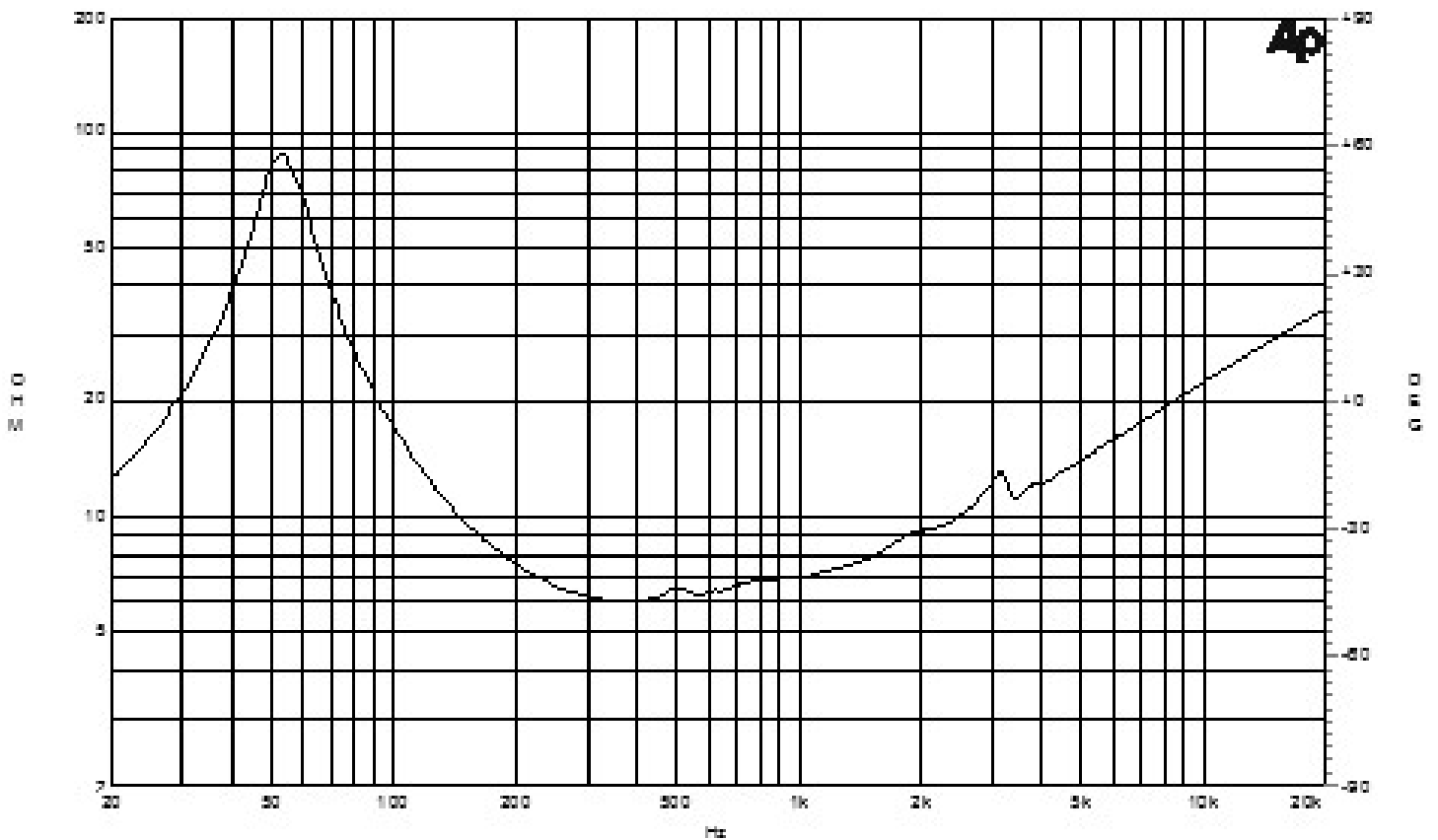
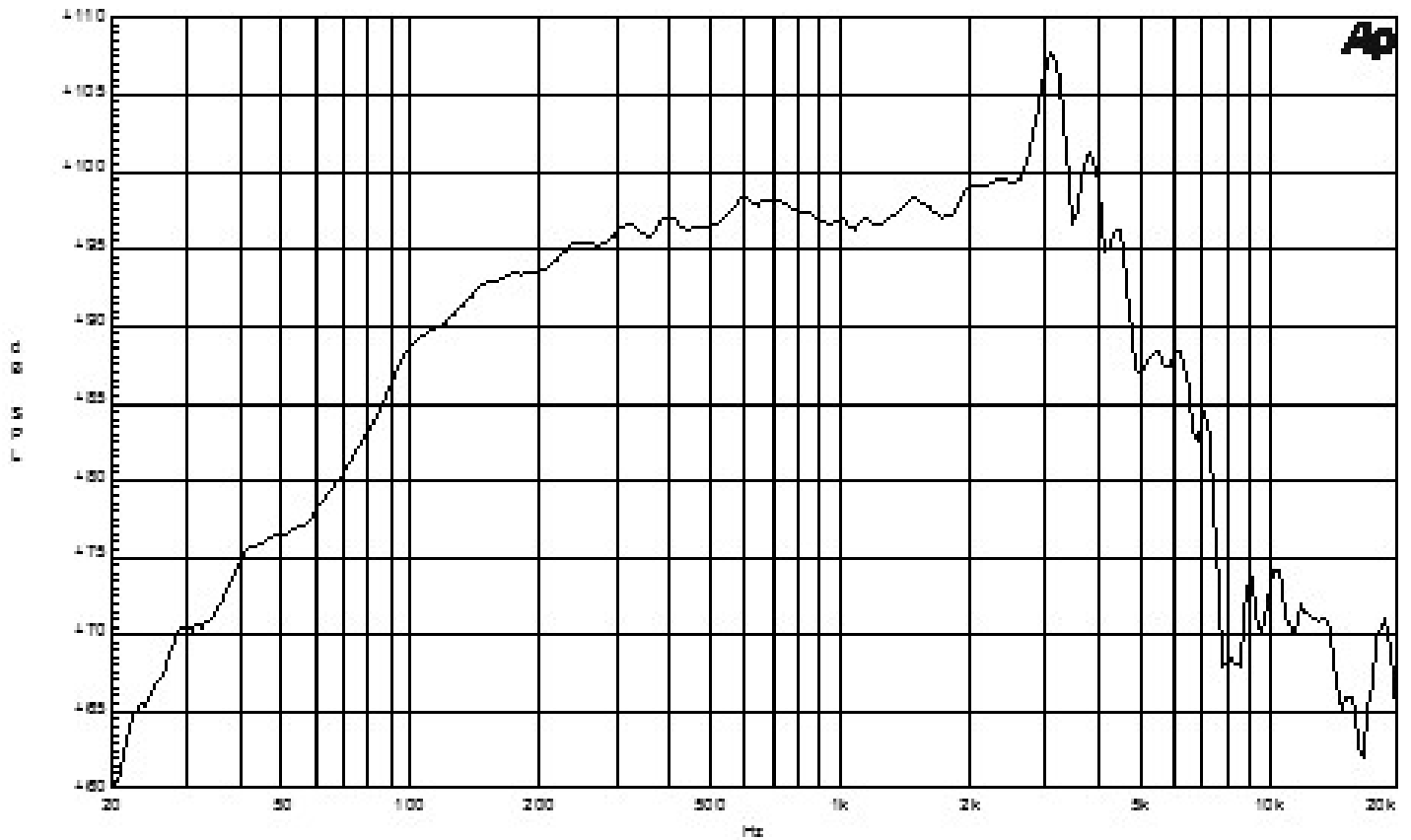
Surround Shape	Double Roll
Cone Shape	Radial
Magnet Material	Ferrite
Spider	Single
Pole Design	T-Pole
Woofers Cone Treatment	None

MOUNTING AND SHIPPING INFO

Overall Diameter	262 mm (10.31 in)
Bolt Circle Diameter	245 mm (9.65 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	124 mm (4.88 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	2.6 dm³ (0.09 ft³)
Net Weight	7.4 kg (16.31 lb)
Shipping Units	1 pcs
Shipping Weight	8 kg (17.64 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

SERVICE KITS

LF recone-kits	RCK10PLB768
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