

8NW51 8 Ω

Woofer

- 400 W continuous program power capacity
- 51 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 96.5 dB sensitivity
- Neodymium ring magnet assembly
- Shorting copper cap for extended HF response
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.7 Ω
Nominal Power Handling	200 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	400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96.5 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	70 Hz - 3000 Hz
Voice Coil Diameter	51 mm (2 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	19 mm (0.73 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.3 T
Woofers Cone Treatment	TWP Waterproof Both Sides

PARAMETERS

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

Fs	74 Hz
Re	5.2 Ω
Qes	0.19
Qms	2.7
Qts	0.17
Vas	11 dm³ (0.4 ft³)
Sd	220 cm² (34.1 in²)
η ₀	2.4 %
X _{max}	6 mm
X _{var}	6 mm
M _{ms}	28 g
Bl	18.9 Tm
Le	0.4 mH
EBP	389 Hz

DESIGN

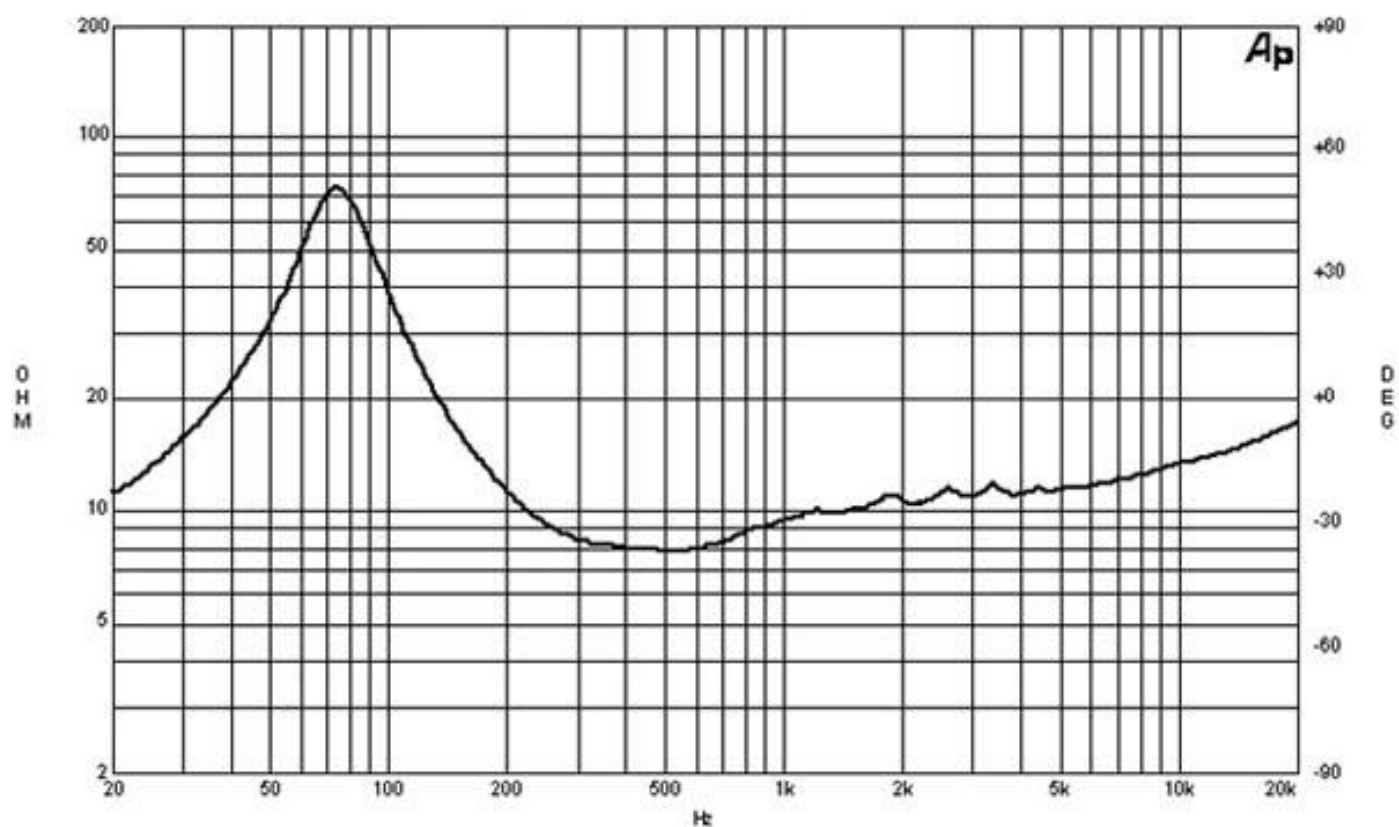
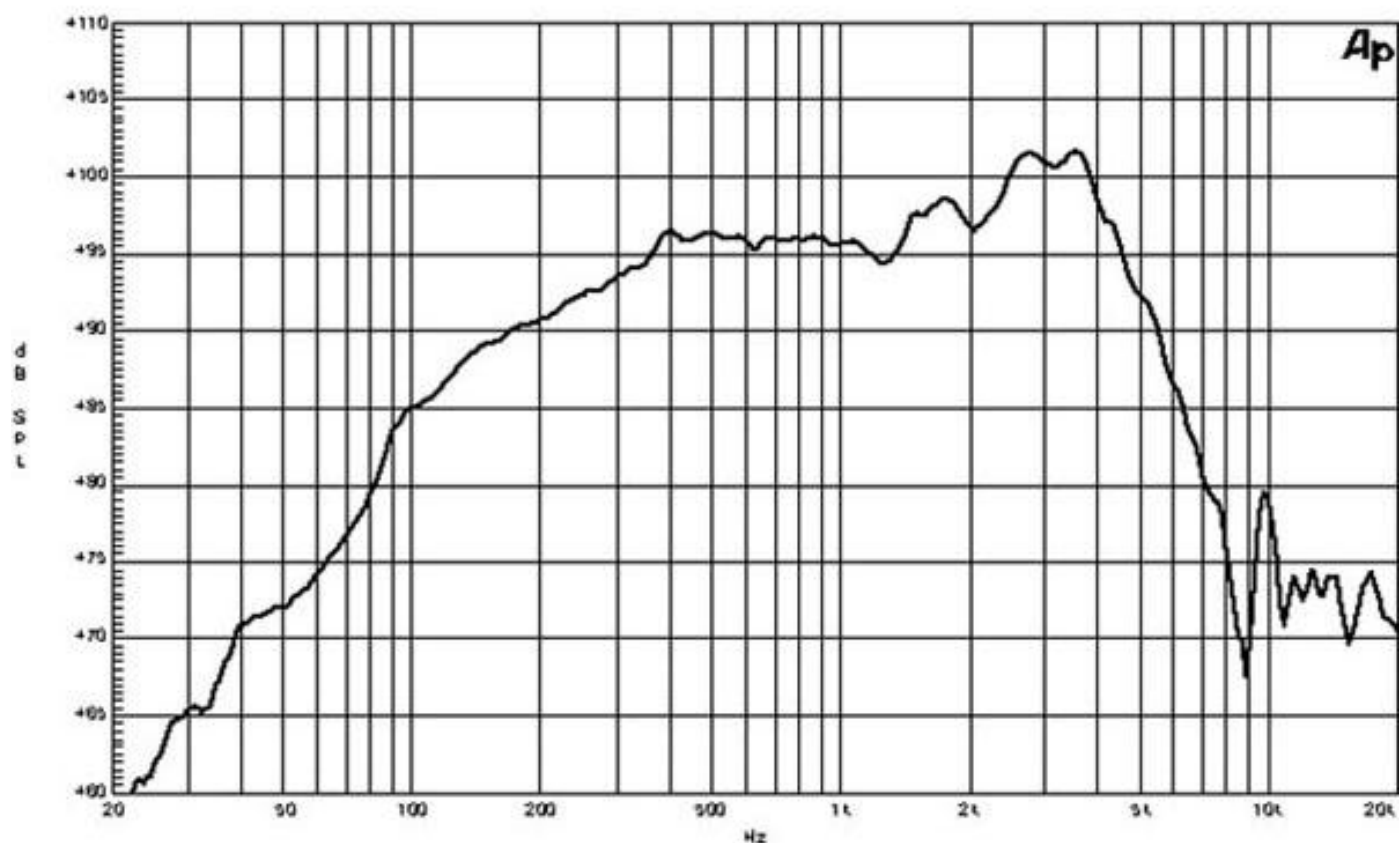
Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	T-Pole
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MOUNTING AND SHIPPING INFO

Overall Diameter	225 mm (8.8 in)
Bolt Circle Diameter	210 mm (8.3 in)
Baffle Cutout Diameter	187 mm (7.4 in)
Depth	100 mm (4 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air Volume Occupied by Driver	1.1 dm³ (0.04 ft³)
Net Weight	3.05 kg (6.72 lb)
Shipping Units	1 pcs
Shipping Weight	3.5 kg (7.72 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

SERVICE KITS

LF recone-kits	RCK008NW518
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