8NDL51 8 Ω

Woofer

- 51 mm (2 in) copper voice coil
- 65 - 3000 Hz response
- 94 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Shorting copper cap for extended HF response
- 400 W continuous program power capacity
- 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	**6.6 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**200 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**94 dB**
Frequency Range	**65 Hz - 3000 Hz**
Voice Coil Diameter	**51 mm (2 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**17 mm (0.65 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.05 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

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

Fs	**66 Hz**
Re	**5.3 Ω**
Qes	**0.41**
Qms	**3.6**
Qts	**0.37**
Vas	**14 dm³ (0.5 ft³)**
Sd	**220 cm² (34.1 in²)**
η0	**1 %**
Xmax	**7 mm**
Xvar	**7 mm**
Mms	**28 g**
Bl	**12.4 Tm**
Le	**0.5 mH**
EBP	**161 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**14 dm³ (0.49 ft³)**
Recommended Tuning	**65 Hz**

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	**90 mm (3.5 in)**
Flange and Gasket Thickness	**11 mm (0.4 in)**
Air Volume Occupied by Driver	**1.1 dm³ (0.04 ft³)**
Net Weight	**1.85 kg (4.08 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**2.3 kg (5.07 lb)**
Shipping Box	**255x255x150 mm (10.04x10.04x5.91 in)**

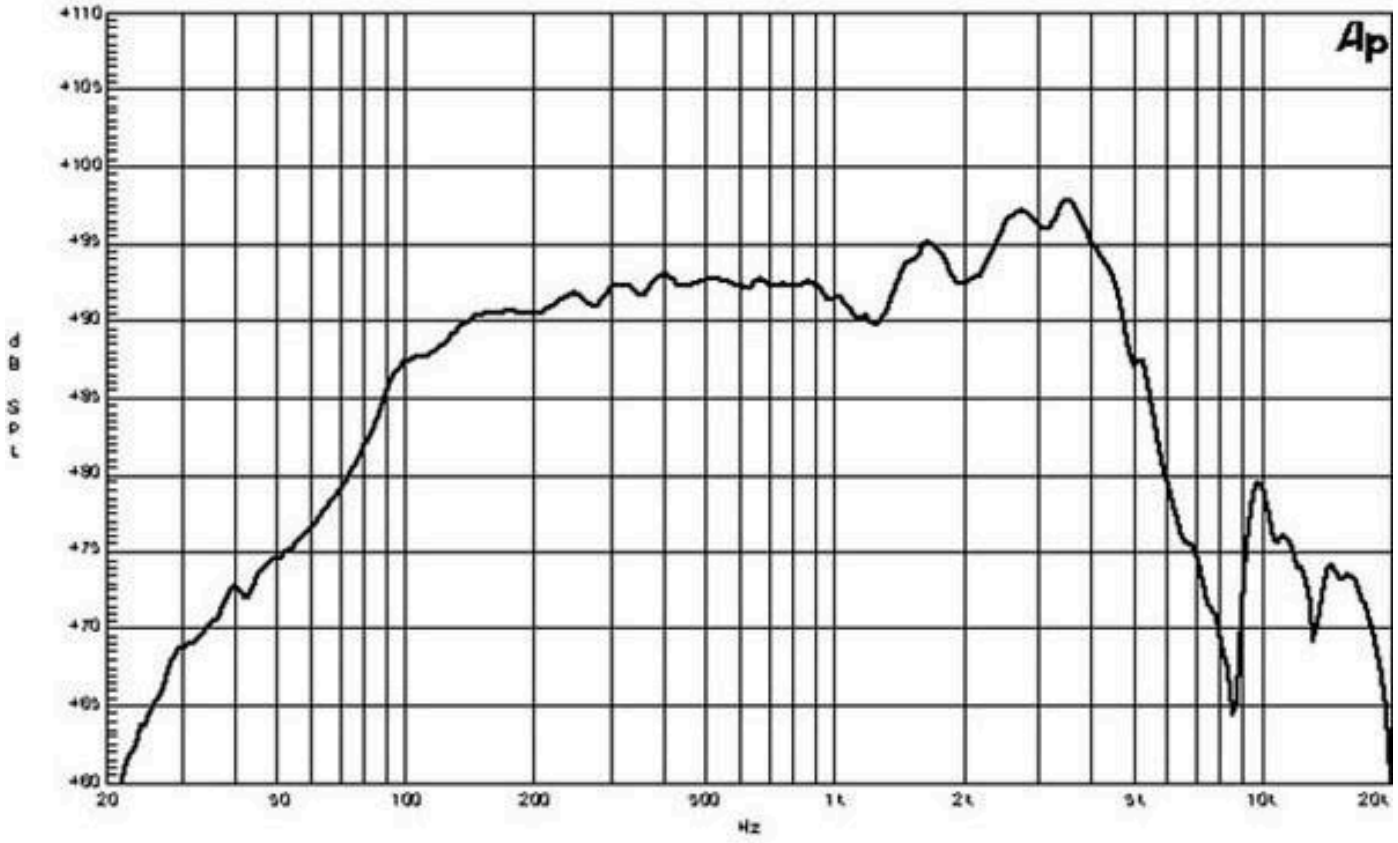
SERVICE KITS

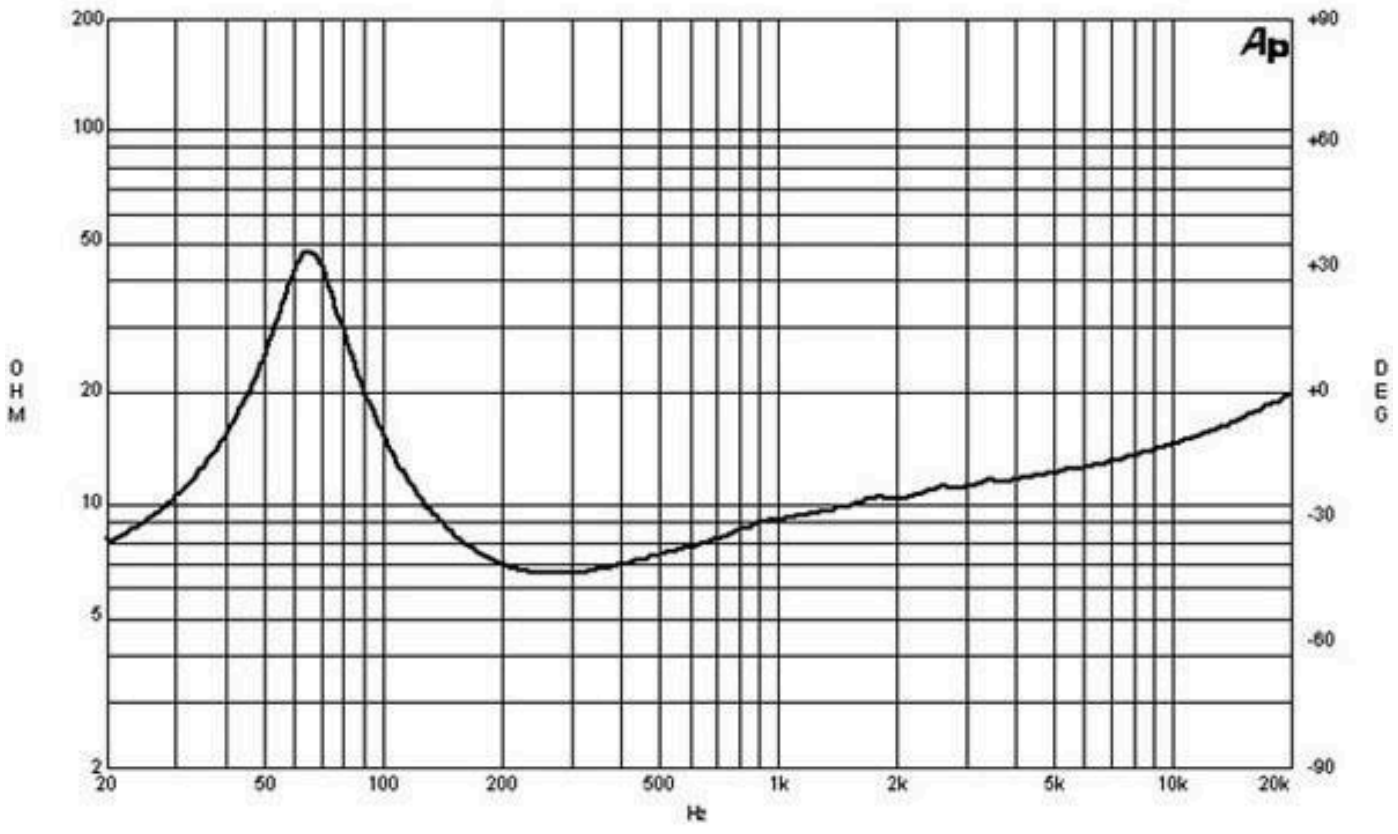
LF recone-kits	**RCK008NDL518**

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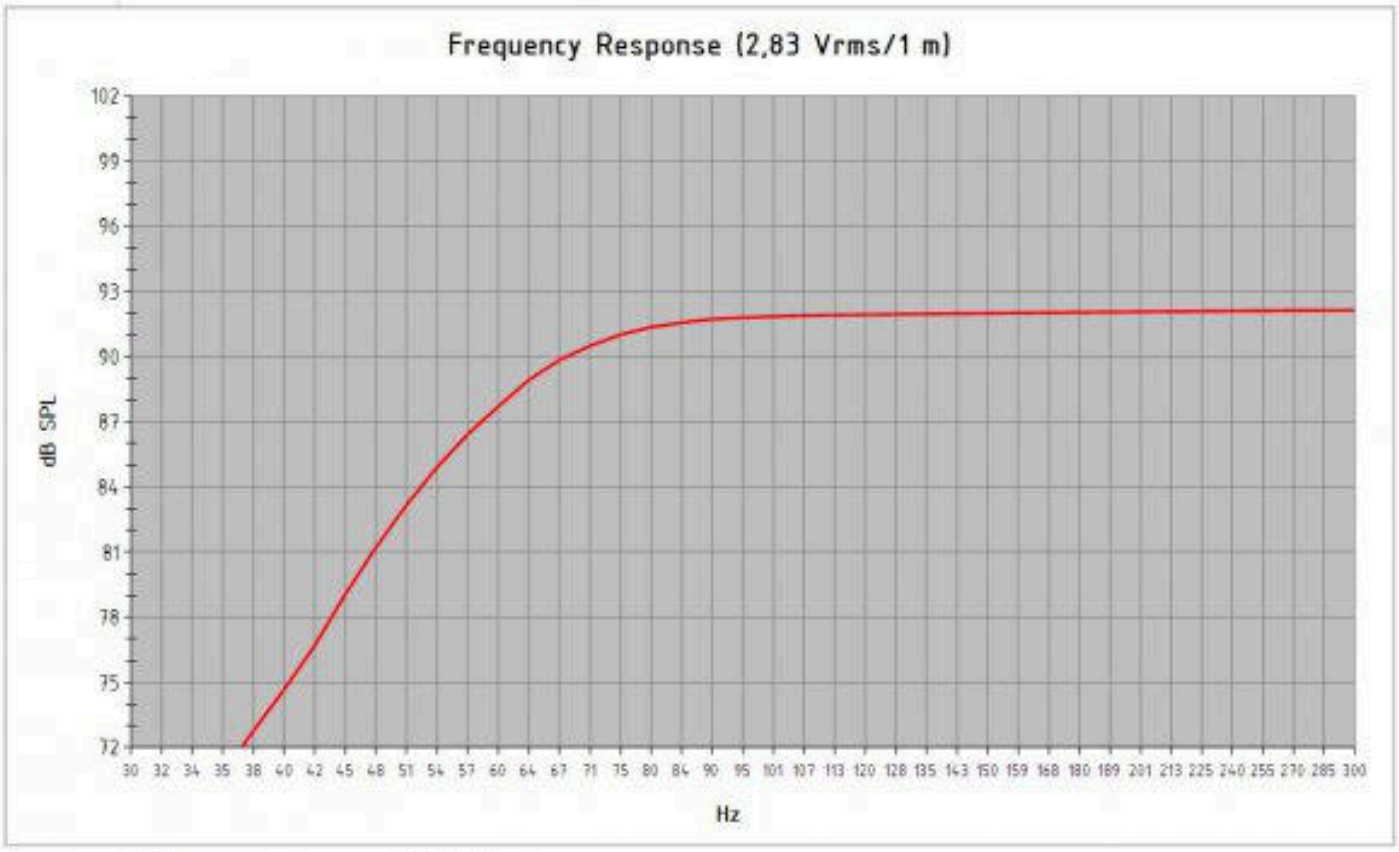
Woofer





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Model:	***8 NDL 51***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***14***		
Tuning Frequency (Hz):	***65***	*Port Area (cm²):*	***32,2***
Frequency (-3 dB) (Hz):	***64,7***	*Port Length (cm):*	***10,8***

Excursion Limited Maximum SPL at 1 meter (dB):	***113,4*** *equal to*	***160,2*** *Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***114,4*** *equal to*	***200,0*** *Watts*	*(Mid Band Power Rating)*

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