

10NDL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 50 - 3000 Hz response
- 97 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	8 Ω
Minimum Impedance	7 Ω
Nominal Power Handling	250 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	500 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	97 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	50 Hz - 3000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 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	56 Hz
Re	5.7 Ω
Qes	0.29
Qms	3.4
Qts	0.26
Vas	31 dm³ (1.1 ft³)
Sd	320 cm² (50 in²)
η ₀	1.8 %
X _{max}	6 mm
X _{var}	7 mm
M _{ms}	37 g
Bl	16.2 Tm
Le	0.9 mH
EBP	193 Hz

DESIGN

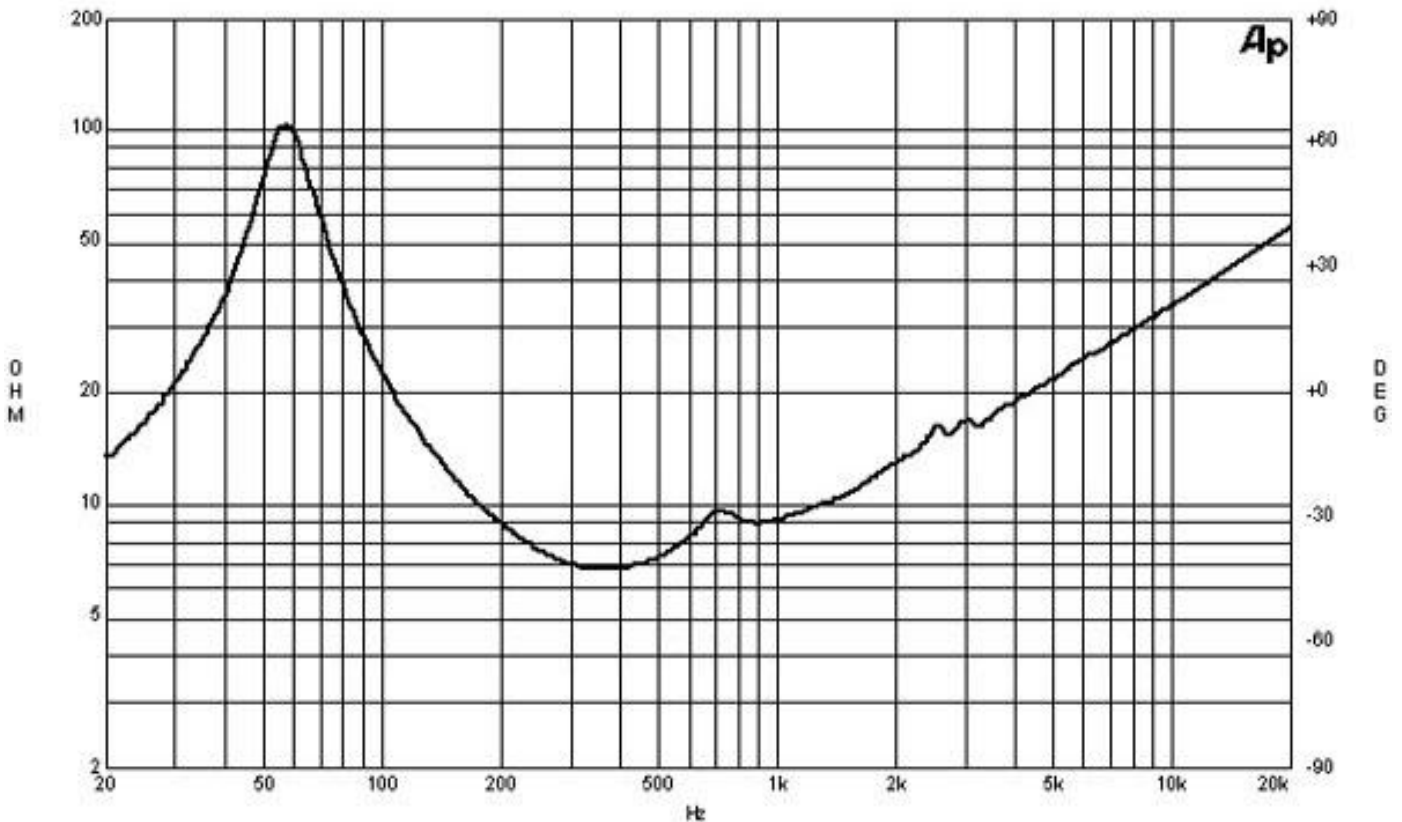
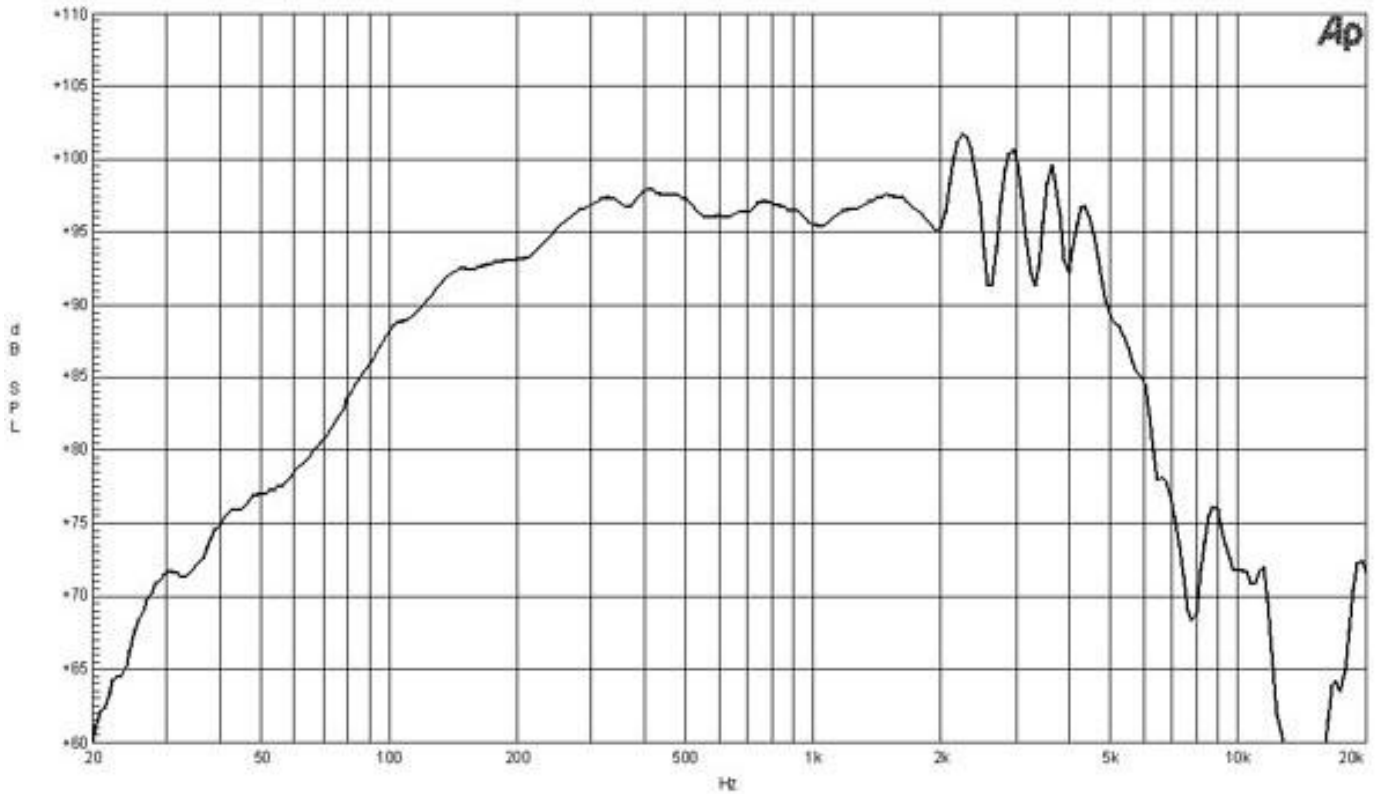
Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofers Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	26 dm³ (0.92 ft³)
Recommended Tuning	62 Hz

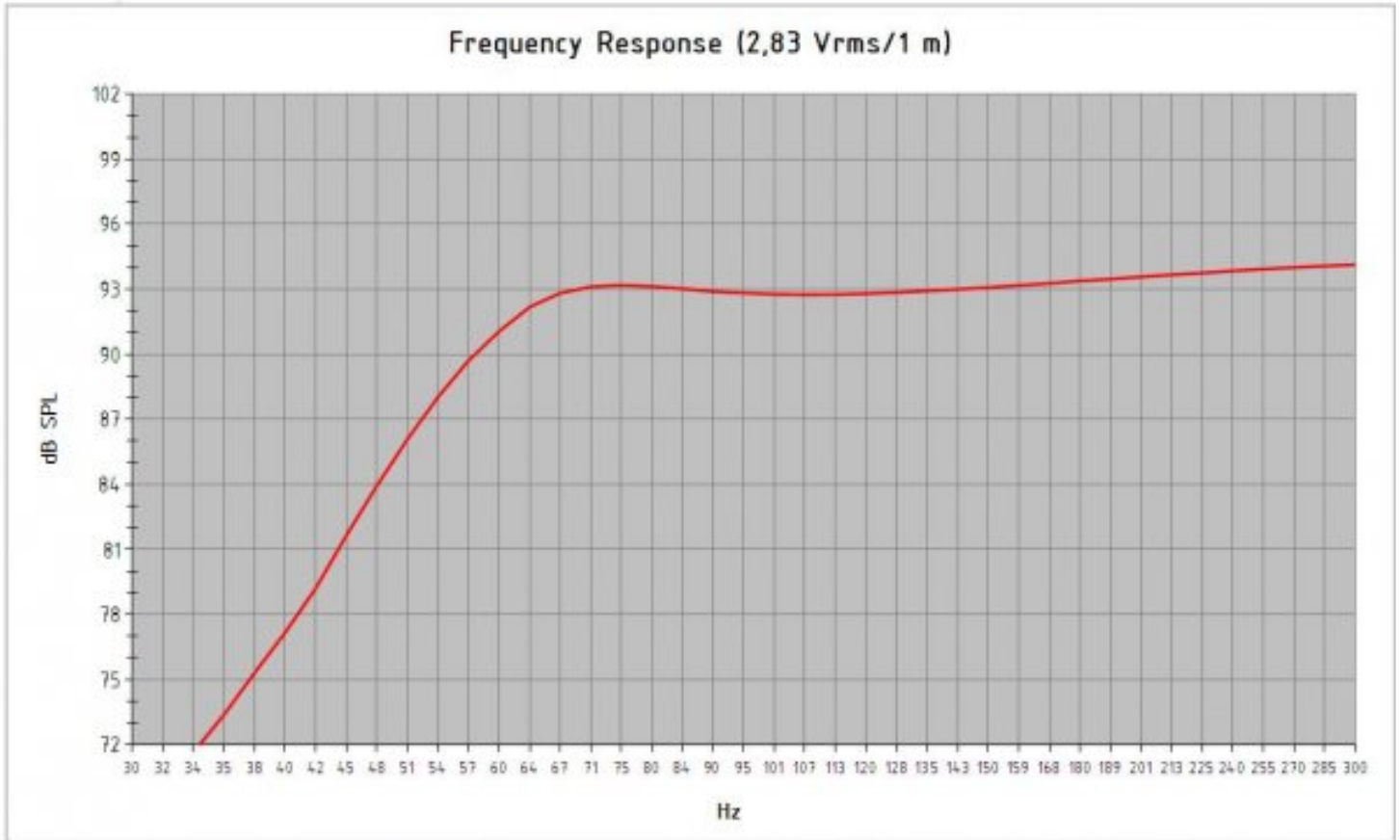
MOUNTING AND SHIPPING INFO

Overall Diameter	261 mm (10.3 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (9.1 in)
Depth	113 mm (4.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	2.9 kg (6.4 lb)
Shipping Units	1 pcs
Shipping Weight	3.5 kg (7.7 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

SERVICE KITS

LF recone-kits	RCK10NDL648
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<i>Model:</i>	10 NDL 64		
<i>Enclosure Type:</i>	Bass Reflex		
<i>Internal Net Volume (Liters):</i>	26	<i>Port Area (cm²):</i>	69,4
<i>Tuning Frequency (Hz):</i>	62	<i>Port Length (cm):</i>	12,7
<i>Frequency (-3 dB) (Hz):</i>	62,4		
<i>Excursion Limited Maximum SPL at 1 meter (dB):</i>	116,0	equal to	152,0 Watts <i>(Bass Band Power Rating)</i>
<i>Thermal Limited Maximum SPL at 1 meter (dB):</i>	118,2	equal to	250,0 Watts <i>(Mid Band Power Rating)</i>

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