

8NDL64 8 Ω

Woofer

- 700 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 80 - 4000 Hz response
- 97 dB sensitivity
- Neodymium inside slug 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	7.2 Ω
Nominal Power Handling	350 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	700 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	80 Hz - 4000 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	14 mm (0.55 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.25 T
Woofer Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	80 Hz
Re	5.4 Ω
Qes	0.25
Qms	10.91
Qts	0.25
Vas	9.6 dm³ (0.34 ft³)
Sd	220 cm² (34.1 in²)
η ₀	1.88 %
X _{max}	4.5 mm
X _{var}	5 mm
M _{ms}	28 g
Bl	17.5 Tm
Le	0.62 mH
EBP	320 Hz

DESIGN

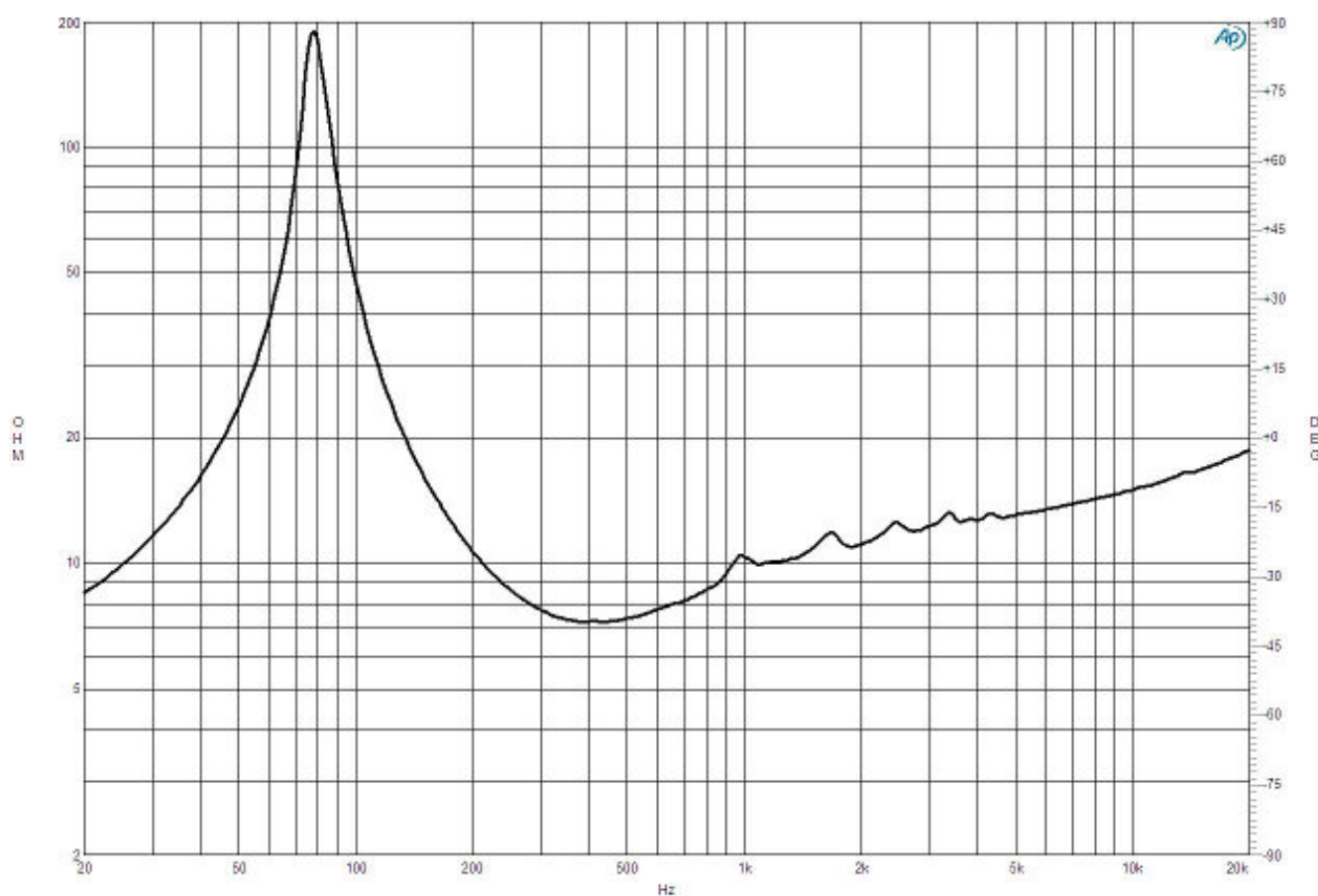
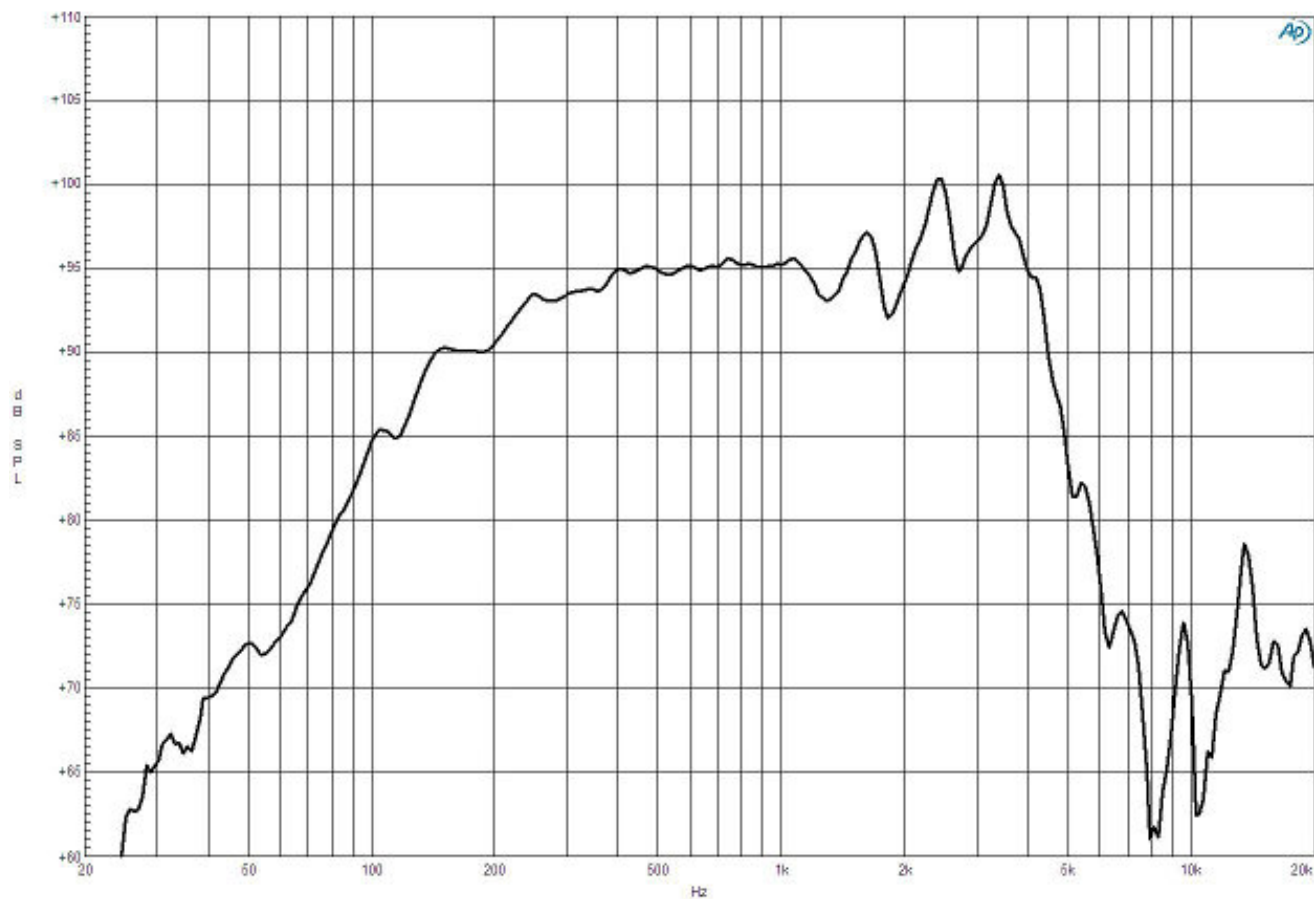
Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	10 dm³ (0.35 ft³)
Recommended Tuning	85 Hz

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	95 mm (3.74 in)
Flange and Gasket Thickness	10 mm (0.39 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	2.6 kg (5.73 lb)
Shipping Units	1 pcs
Shipping Weight	3.05 kg (6.72 lb)
Shipping Box	255x255x150 mm (10.04x10.04x5.91 in)

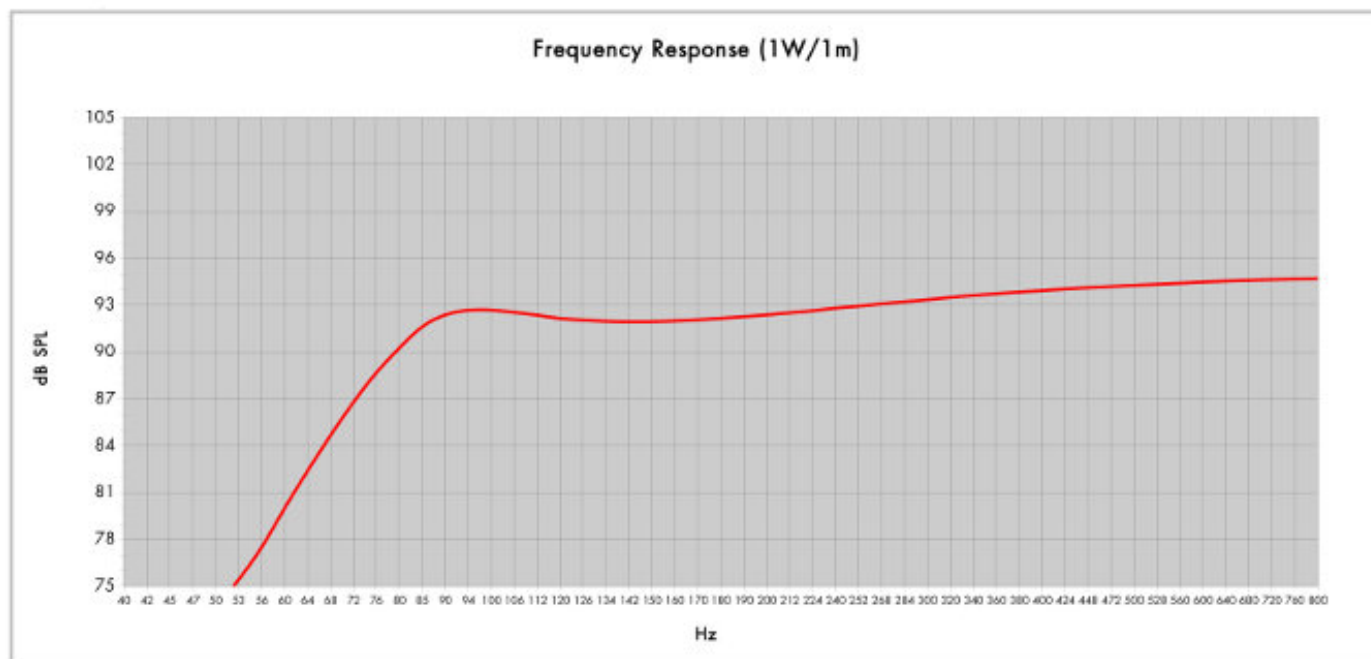
SERVICE KITS

LF recone-kits	RCK008NDL648
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Model:	8NDL64		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	10	QB:	6
Tuning Frequency (Hz):	85	Port Area (cm²):	36,3
Frequency (-3 dB) (Hz):	87,4	Port Length (cm):	9,2

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