

10NDL88 16 Ω

Woofer

- 1400 W continuous program power capacity
- 88 mm (3.5 in) aluminum wire voice coil
- 67 - 2500 Hz response
- 95.5 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power



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SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Nominal Impedance	16 Ω
Minimum Impedance	13.1 Ω
Nominal Power Handling	700 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	1400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	95.5 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	67 Hz - 2500 Hz
Voice Coil Diameter	88 mm (3.5 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.05 T
Woofers Cone Treatment	WP Waterproof Front Side

PARAMETERS

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

Fs	67 Hz
Re	10.7 Ω
Qes	0.33
Qms	6.2
Qts	0.32
Vas	15.6 dm³ (0.55 ft³)
Sd	320 cm² (49.6 in²)
η ₀	1.42 %
X _{max}	7.8 mm
X _{var}	8 mm
M _{ms}	52 g
Bl	26.4 Tm
Le	2 mH
EBP	203 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Curvilinear
Magnet Material	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofers Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	20 dm³ (0.71 ft³)
Recommended Tuning	70 Hz
Recommended Loading	Vented Box

MOUNTING AND SHIPPING INFO

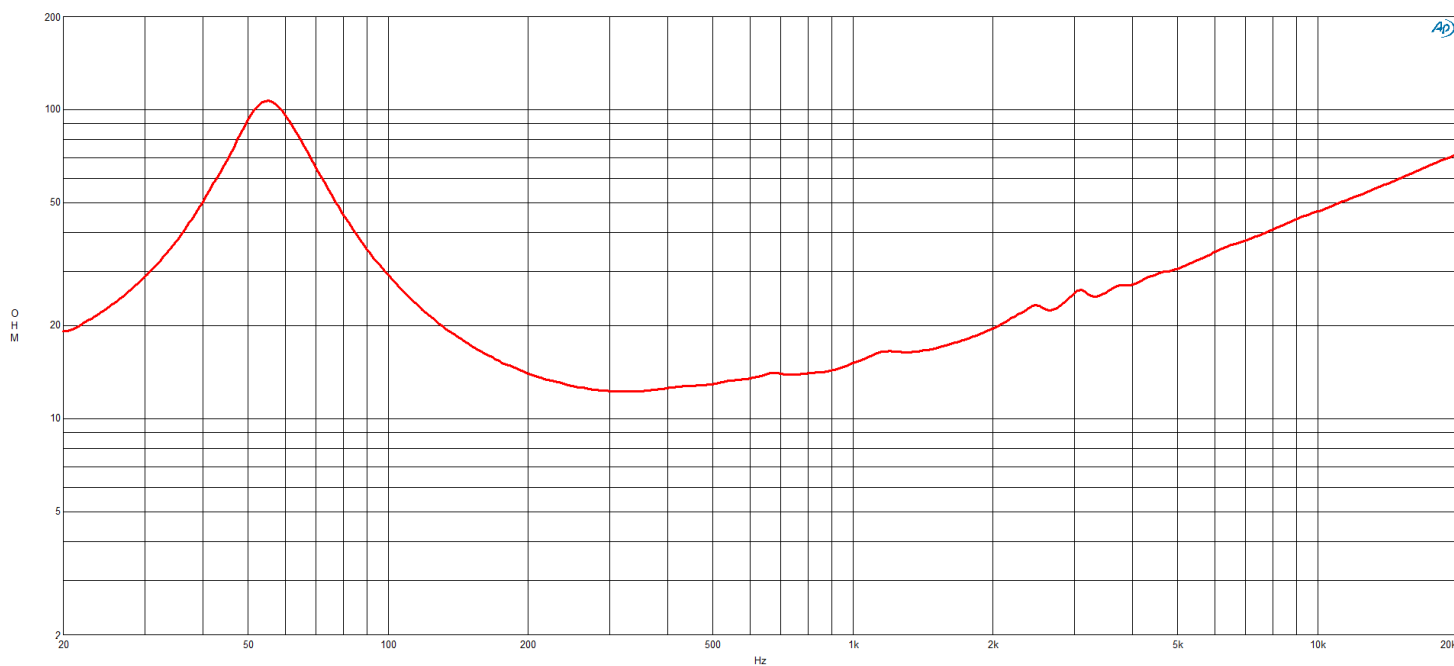
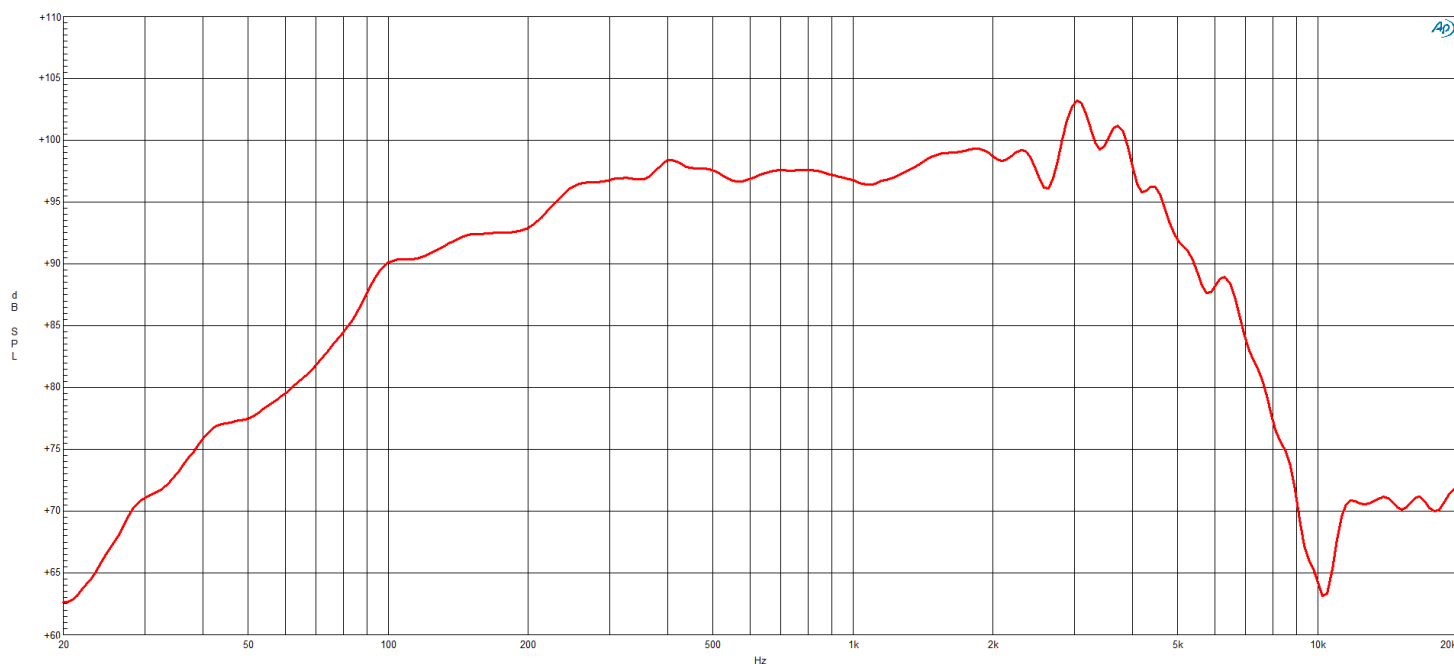
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	232 mm (9.13 in)
Depth	128 mm (5.04 in)
Flange and Gasket Thickness	14 mm (0.55 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	4.6 kg (10.14 lb)
Shipping Units	1 pcs
Shipping Weight	5.2 kg (11.46 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

SERVICE KITS

LF recone-kits	RCK10NDL8816
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