

10NW64 8 Ω

Woofer

- 600 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 60 - 2500 Hz response
- 96 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Shorting copper cap for extended HF response
- 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	6.5 Ω
Nominal Power Handling	300 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	600 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	60 Hz - 2500 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	16 mm (0.62 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	59 Hz
Re	5.2 Ω
Qes	0.27
Qms	4.3
Qts	0.26
Vas	22 dm³ (0.78 ft³)
Sd	320 cm² (49.6 in²)
η0	1.6 %
Xmax	6 mm
Xvar	5.5 mm
Mms	47 g
Bl	18.3 Tm
Le	0.65 mH
EBP	219 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	59 Hz

MOUNTING AND SHIPPING INFO

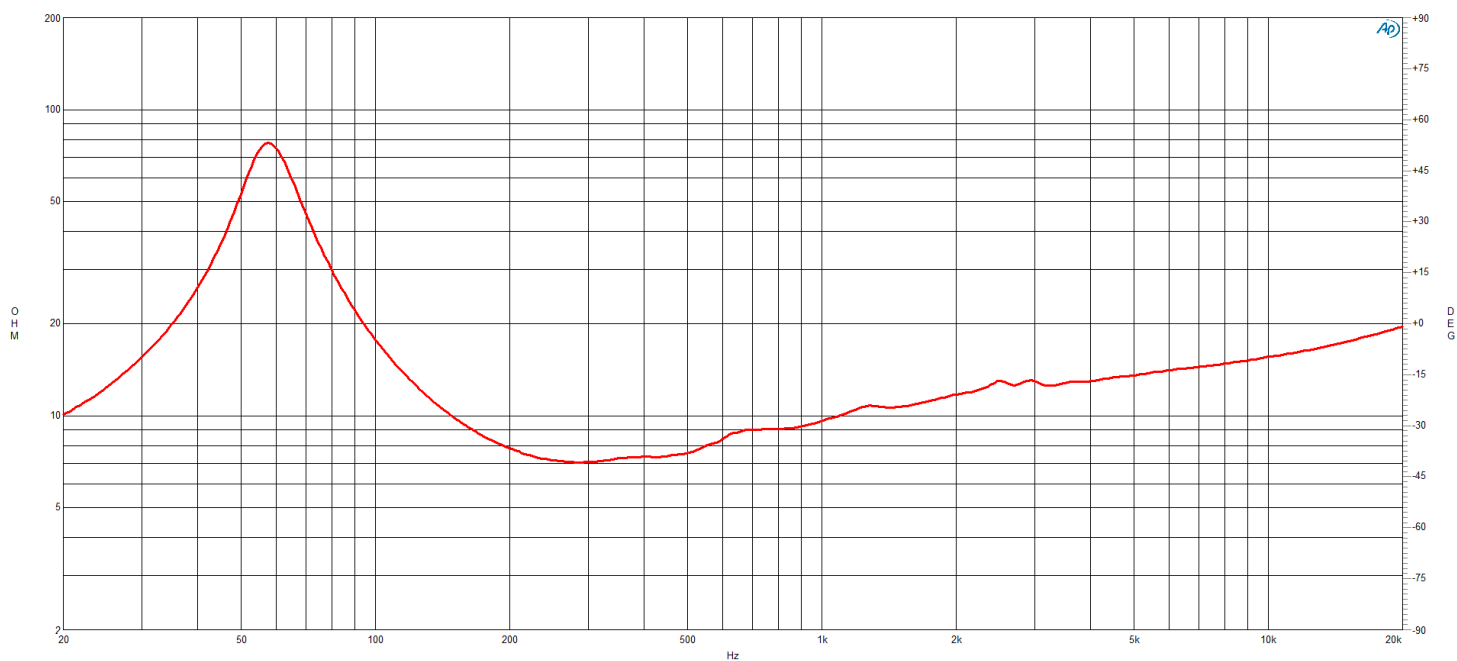
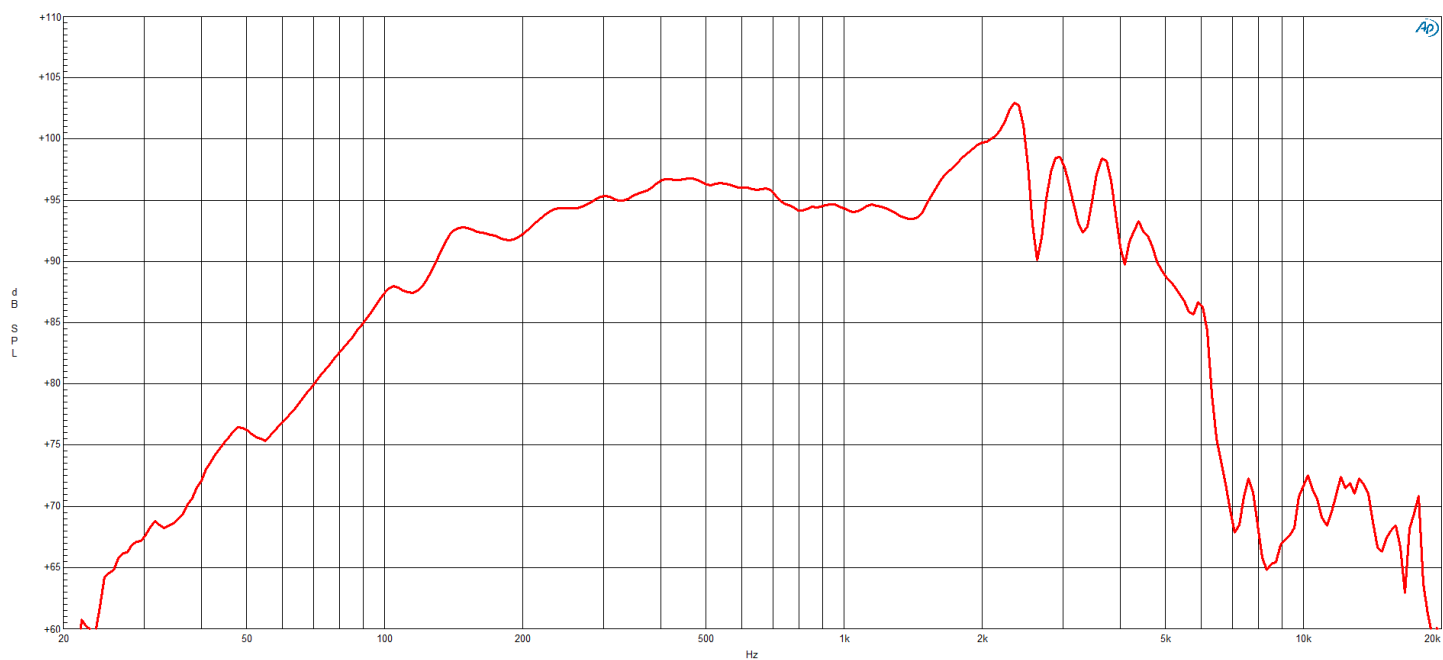
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230 mm (9.1 in)
Depth	113 mm (4.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air Volume Occupied by Driver	1.5 dm³ (0.05 ft³)
Net Weight	2.95 kg (6.5 lb)
Shipping Units	1 pcs
Shipping Weight	3.55 kg (7.83 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

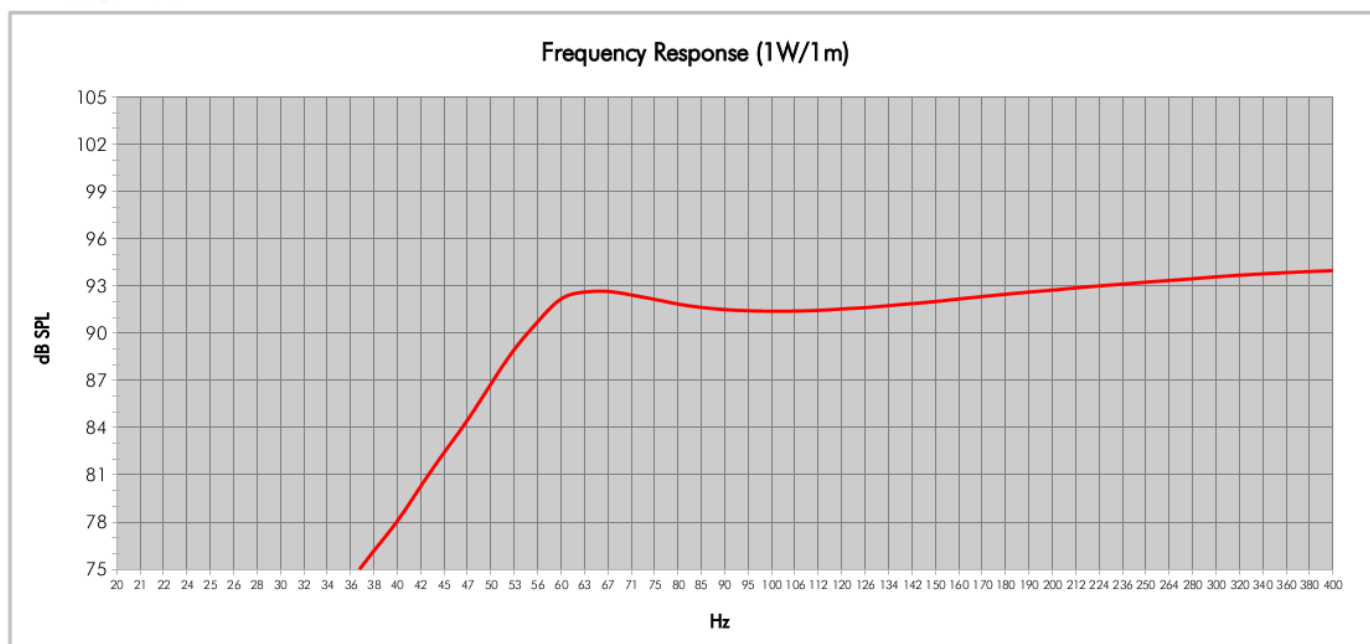
SERVICE KITS

LF recone-kits	RCK10NW648
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Model:	10NW64	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	26	QB:	7
Tuning Frequency (Hz):	59	Port Area (cm²):	69,0
Frequency (-3 dB) (Hz):	58,4	Port Length (cm):	14,8
Frequency (-10 dB) (Hz):	47,3		

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