

**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	<b>250 mm (10 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.5 Ω</b>
Nominal Power Handling	<b>300 W</b>
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	<b>600 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>96 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>60 Hz - 2500 Hz</b>
Voice Coil Diameter	<b>64 mm (2.5 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>16 mm (0.62 in)</b>
Magnetic Gap Depth	<b>8 mm (0.31 in)</b>
Flux Density	<b>1.25 T</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>

## PARAMETERS

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

Fs	<b>59 Hz</b>
Re	<b>5.2 Ω</b>
Qes	<b>0.27</b>
Qms	<b>4.3</b>
Qts	<b>0.26</b>
Vas	<b>22 dm<sup>3</sup> (0.78 ft<sup>3</sup>)</b>
Sd	<b>320 cm<sup>2</sup> (49.6 in<sup>2</sup>)</b>
η0	<b>1.6 %</b>
Xmax	<b>6 mm</b>
Xvar	<b>5.5 mm</b>
Mms	<b>47 g</b>
Bl	<b>18.3 Tm</b>
Le	<b>0.65 mH</b>
EBP	<b>219 Hz</b>

## DESIGN

Surround Shape	<b>Double Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Neodymium Inside Slug</b>
Spider	<b>Single</b>
Pole Design	<b>Straight Pole</b>
Woofers Cone Treatment	<b>TWP Waterproof Both Sides</b>
Recommended Enclosure	<b>26 dm<sup>3</sup> (0.92 ft<sup>3</sup>)</b>
Recommended Tuning	<b>59 Hz</b>

## MOUNTING AND SHIPPING INFO

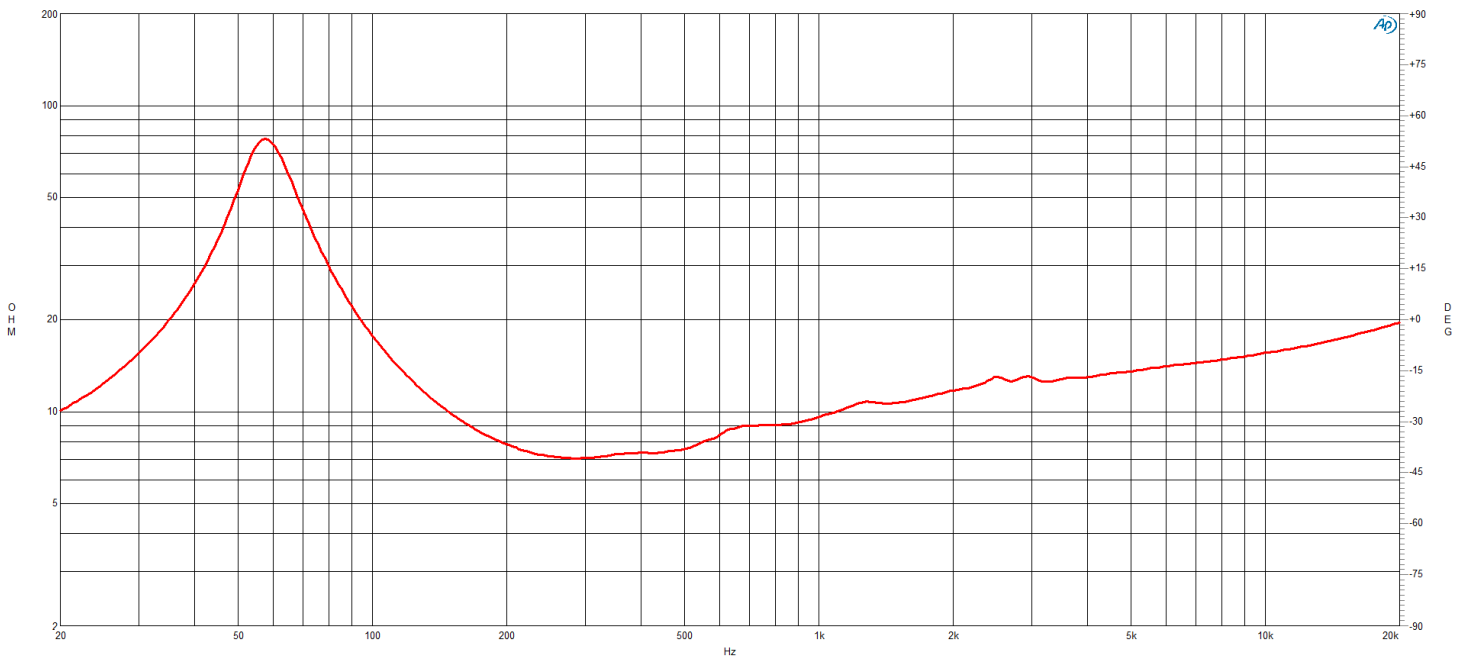
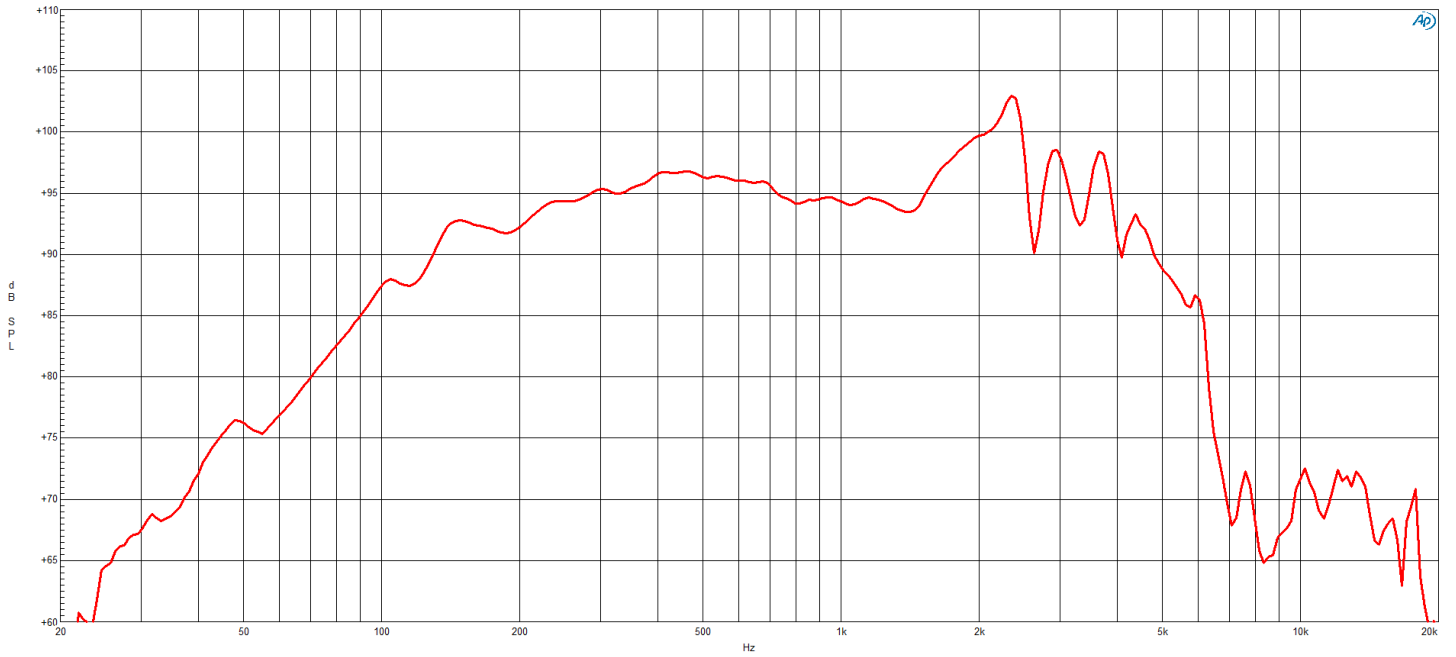
Overall Diameter	<b>261 mm (10.28 in)</b>
Bolt Circle Diameter	<b>245 mm (9.6 in)</b>
Baffle Cutout Diameter	<b>230 mm (9.1 in)</b>
Depth	<b>113 mm (4.4 in)</b>
Flange and Gasket Thickness	<b>13 mm (0.5 in)</b>
Air Volume Occupied by Driver	<b>1.5 dm<sup>3</sup> (0.05 ft<sup>3</sup>)</b>
Net Weight	<b>2.95 kg (6.5 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>3.55 kg (7.83 lb)</b>
Shipping Box	<b>295x314x175 mm (11.61x12.36x6.89 in)</b>

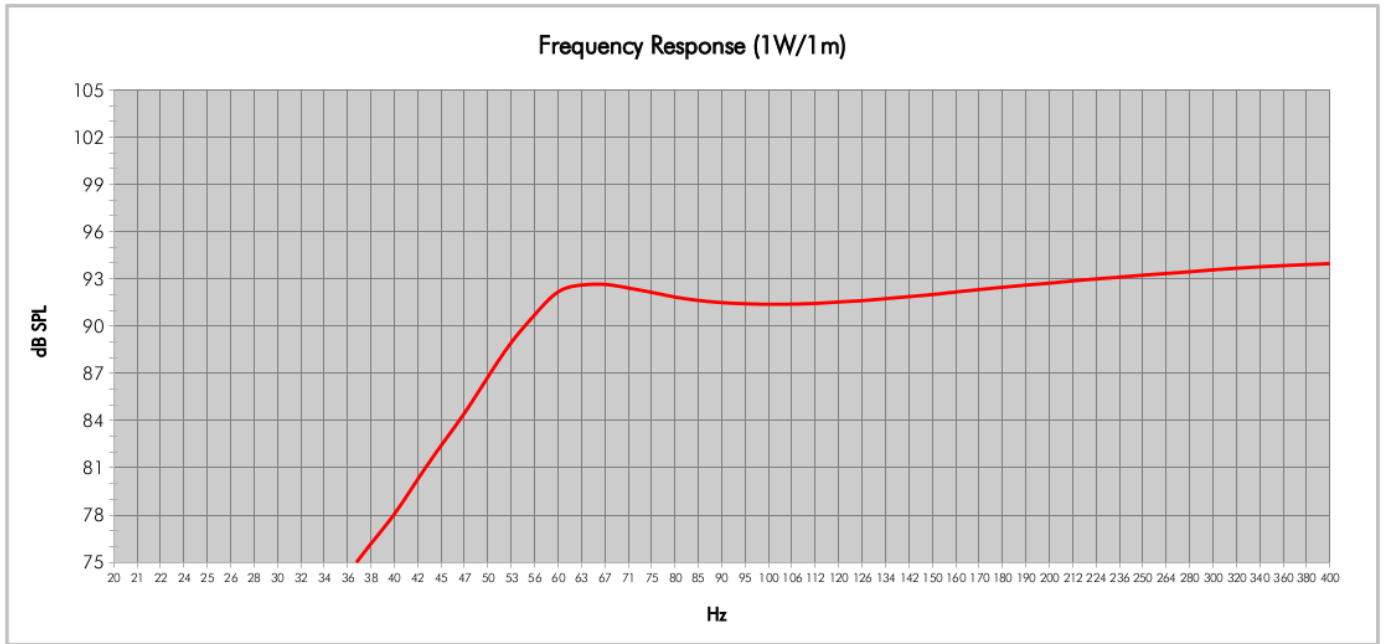
## SERVICE KITS

LF recone-kits	<b>RCK10NW648</b>
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Model:	<b>10NW64</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume (Litres):	<b>26</b>	QB:	<b>7</b>
Tuning Frequency (Hz):	<b>59</b>	Port Area (cm <sup>2</sup> ):	<b>69,0</b>
Frequency (-3 dB) (Hz):	<b>58,4</b>	Port Length (cm):	<b>14,8</b>
Frequency (-10 dB) (Hz):	<b>47,3</b>		

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