

**10NW64** 8  $\Omega$ 

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>                    |
| Woofer 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 dm³ (0.78 ft³)</b>  |
| Sd   | <b>320 cm² (49.6 in²)</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>             |
| Woofer Cone Treatment | <b>TWP Waterproof Both Sides</b> |
| Recommended Enclosure | <b>26 dm³ (0.92 ft³)</b>         |
| Recommended Tuning    | <b>59 Hz</b>                     |

## MOUNTING AND SHIPPING INFO

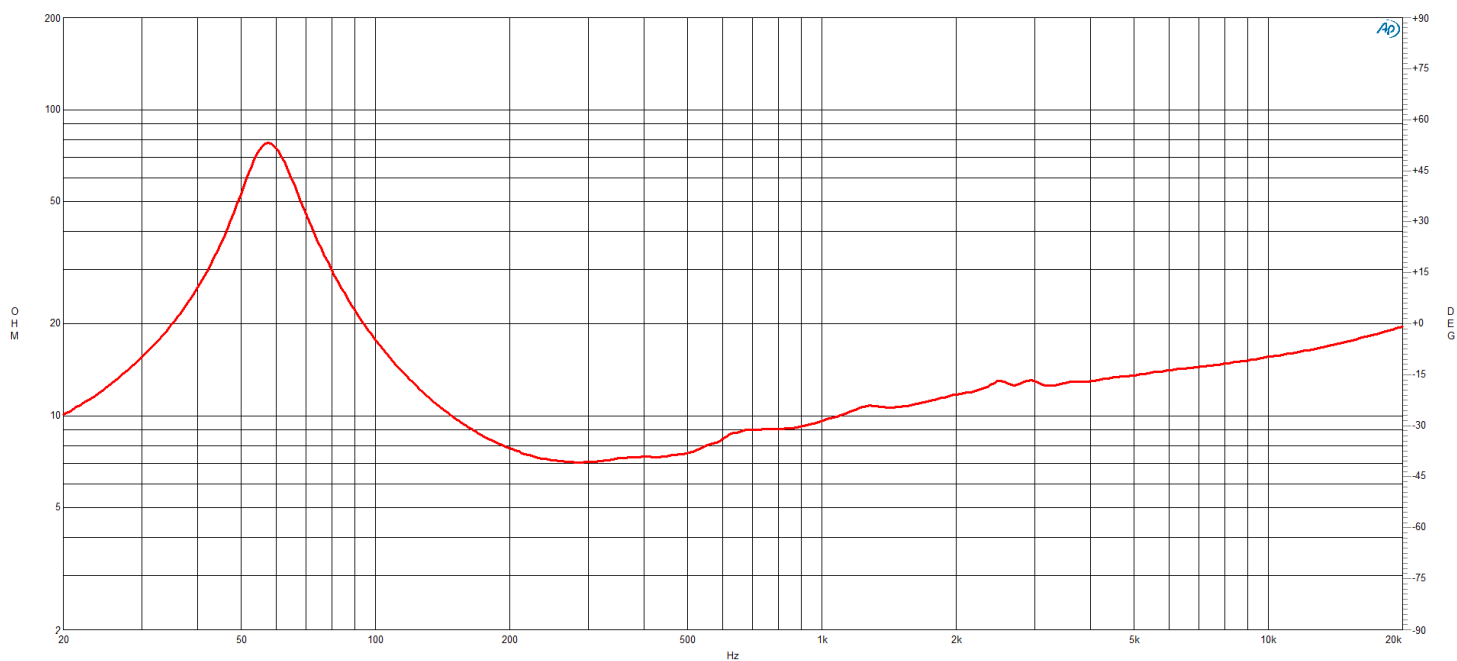
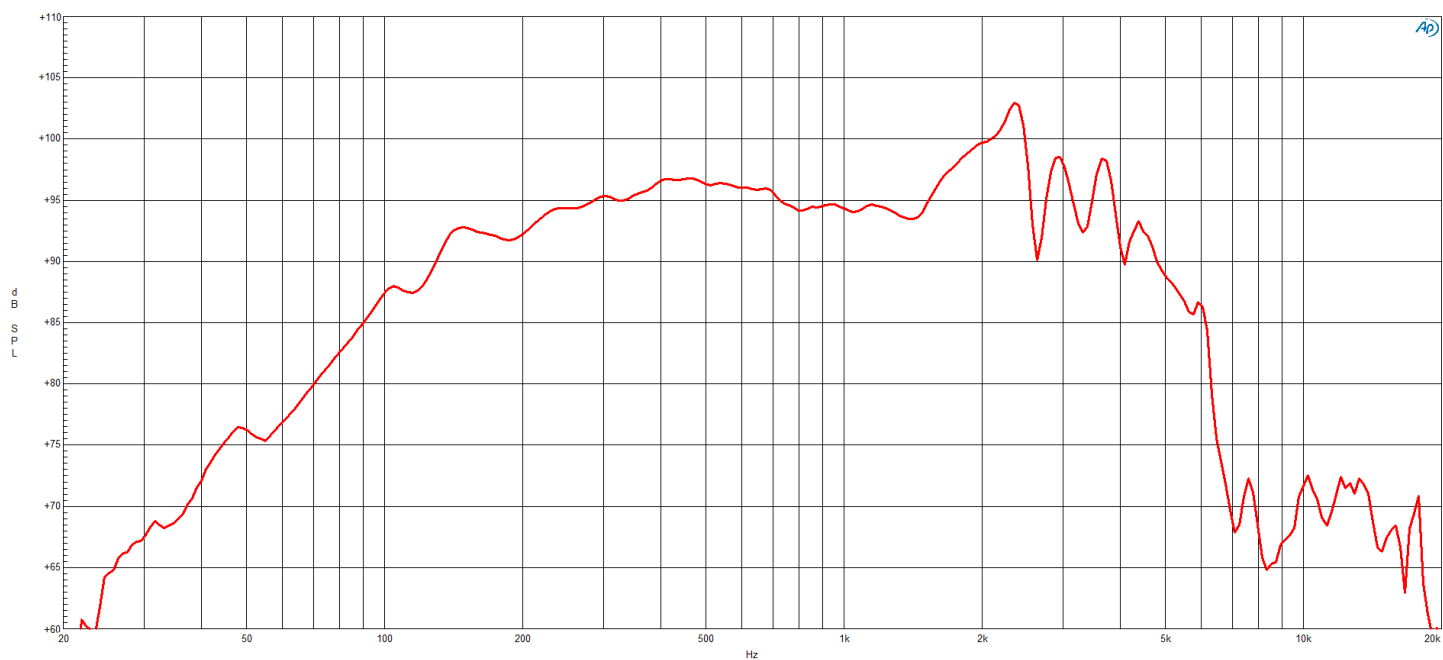
|                               |                                             |
|-------------------------------|---------------------------------------------|
| Overall Diameter              | <b>261 mm (10.28 in)</b>                    |
| Bolt Circle Diameter          | <b>245 mm (9.6 in)</b>                      |
| 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 dm³ (0.05 ft³)</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> |

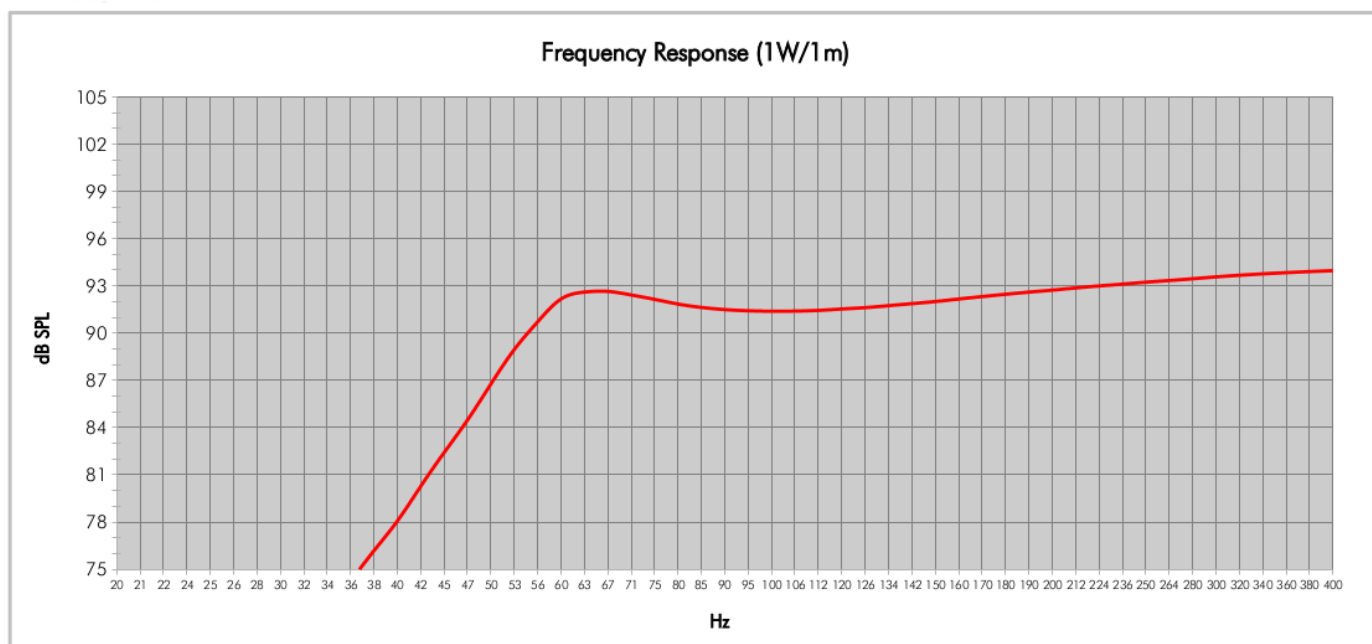
## SERVICE KITS

|                |                   |
|----------------|-------------------|
| 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 (cm²):  | <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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