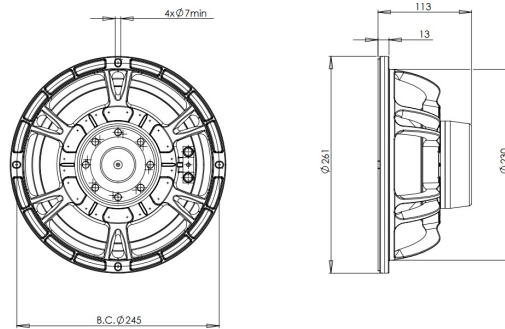


10NW64

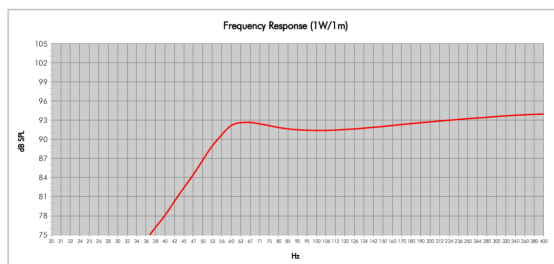
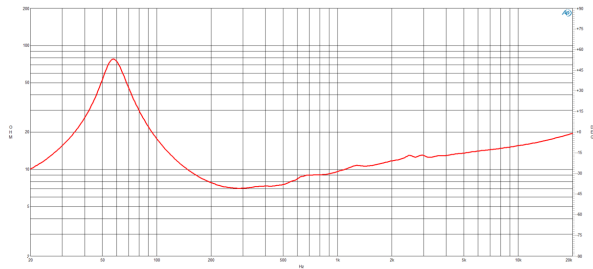
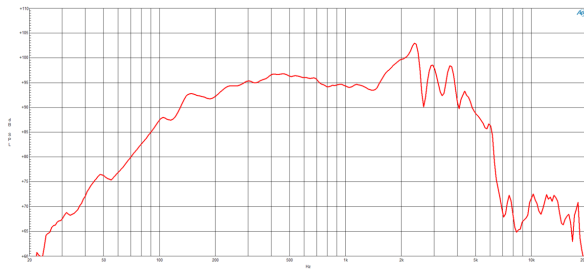
8Ω**LF Drivers - 10.0 Inches**

- 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



10NW64

LF Drivers- 10.0 Inches



| | | | |
|-------------------------------|-------------------|-------------------------------|-------------------|
| Model: | 10NW64 | Configuration: | One Driver |
| Enclosure Type: | Box Reflex | | |
| Internal Net Volume (liters): | 26 | Q _B : | 7 |
| Tuning Frequency (Hz): | 59 | Port Area (cm ²): | 69.0 |
| Frequency (-3 dB) (Hz): | 58.4 | Port Length (cm): | 14.8 |
| Frequency (-10 dB) (Hz): | 47.3 | | |

SPECIFICATIONS

| | |
|----------------------------------------|-------------------|
| Nominal Diameter | 250 mm (10.0 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.5 Ω |
| Nominal Power Handling ¹ | 300 W |
| Continuous Power Handling ² | 600 W |
| Sensitivity ³ | 96.0 dB |
| Frequency Range | 60 - 2500 Hz |
| Voice Coil Diameter | 64 mm (2.5 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 16.0 mm (0.62 in) |
| Magnetic Gap Depth | 8.0 mm (0.31 in) |
| Flux Density | 1.25 T |

DESIGN

| | |
|-----------------------|----------------------------------------------|
| Surround Shape | Double Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Inside Slug |
| Spider | Single |
| Pole Design | Straight Pole |
| Woofer Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 26.0 dm ³ (0.92 ft ³) |
| Recommended Tuning | 59 Hz |

PARAMETERS⁴

| | |
|---------------------|-----------------------------------------------|
| Resonance Frequency | 59 Hz |
| Re | 5.2 Ω |
| Q _{es} | 0.27 |
| Q _{ms} | 4.3 |
| Q _{ts} | 0.26 |
| V _{as} | 22.0 dm ³ (0.78 ft ³) |
| S _d | 320.0 cm ² (49.6 in ²) |
| η _o | 1.6 % |
| X _{max} | ± 6.0 mm |
| X _{var} | ± 5.5 mm |
| M _{ms} | 47.0 g |
| Bl | 18.3 Txm |
| Le | 0.65 mH |
| EBP | 218 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---------------------------------------------|
| Overall Diameter | 261 mm (10.28 in) |
| Bolt Circle Diameter | 245 mm (9.6 in) |
| Baffle Cutout Diameter | 230.0 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 dm ³ (0.05 ft ³) |
| Net Weight | 2.9 kg (6.4 lb) |
| Shipping Units | 1 |
| Shipping Weight | 3.5 kg (7.7 lb) |
| Shipping Box | 295x314x175 mm (11.61x12.36x6.89 in) |

SERVICE KIT

| | |
|------------|------------|
| Recone kit | RCK10NW648 |
|------------|------------|

B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

1. 2 hours test made with continuous pink noise signal within the range F_s -10 F_s . Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.