OBERTON
Professional Loudspeakers

KEY FEATURES:

- **1.4" Throat diameter**
- **72 mm (2.85 in.) voice coil**
- **200 W Program Power Capacity (1-20 kHz)**
- **111 dB Sensitivity (1-10 kHz)**
- **Frequency range 0.8 - 18 kHz**
- **Neodymium magnetic structure**
- **Special anti-corrosion coating**
- **Ultra compact design - OD 110 mm**

The NDC72CN is compact powerful 1.4” neodymium high frequency compression driver, which features a carbon composite dome with high damped vented suspension, providing high output with very low distortion. The new carbon composite technology reduces breakup modes and ensures excellent Waterfall Response of the driver. These new dome materials provide perfect vocal reproduction with very warm and clean sounding. The neodymium magnet, top and back plates are treated with special high quality epoxy electro-deposition coating, which extremely improves the corrosion resistance of the driver.The voice coil assembly is easily fielded replaceable without soldering. It is designed for a wide variety of applications in high quality, high power professional reinforcement systems and stage monitors. reproduction. The massive heatsink improve the cooling of the magnet structure, which reduce power compression. The double aluminium demodulating rings on the magnet structure reduce distortion and inductance and improve transient response. This results in a high efficient transducer for subwoofer applications, with the ability to handle high excursion with low distortion and reduced thermal power compression. It is suitable for tuned reflex enclosures for high level and high definition subwoofer applications.

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SPECIFICATIONS

Throat diameter 36 mm (1.4 in.)
Nominal impedance 16 Ohms
Minimum impedance 12.7 Ohms
D.C. resistance 10 Ohms
Power capacity (1-20 kHz) 100 W
Program Power Capacity (1-20 kHz) 200 W
Sensitivity (1 - 10 kHz) 111 dB
Frequency range 0,8 - 18 kHz
Recommended crossover 1 kHz or higher 12 dB/oct.min
Voice coil diameter 72 mm (2,85 in.)
Flux density 1.9 T

MATERIALS

Diaphragm Carbon composite
Voice coil material CCAW
Voice coil former Kapton™

MOUNTING INFORMATION

Overall diameter 110 mm
Depth 58.5 mm
Mounting 4 x M6 on 101,6 mm (4 in.) diameter
Net weight

Positive voltage on red terminal moves diaphragm toward the phasing plug

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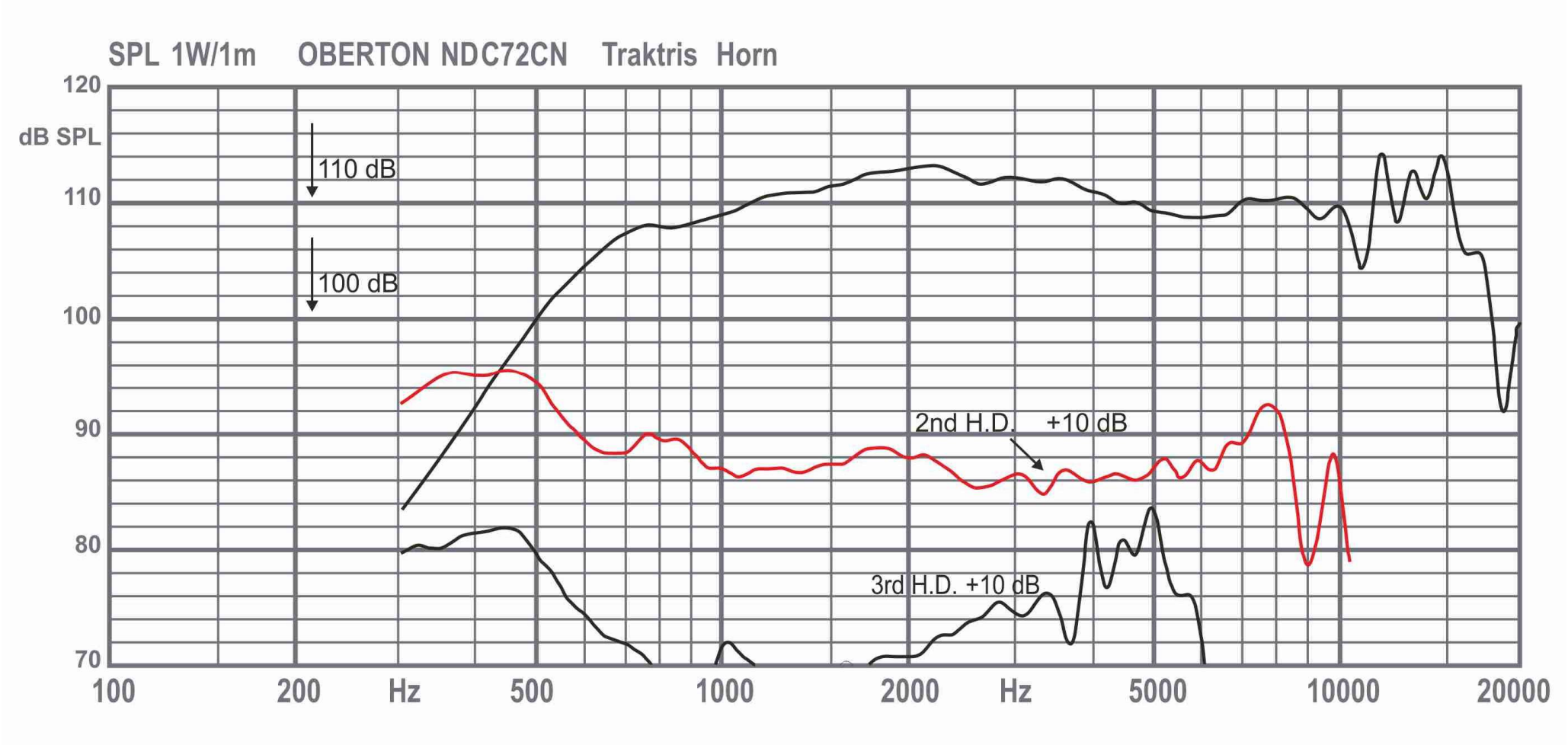

Frequency Responce

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Drawings