

3"**200NTI**

Neodymium Compression Driver



Key features:

- ULTRA HIGH FORCE MAGNETIC SYSTEM WITH BACK PRESSURE REGULATION FEATURES
- VERY HIGH SPL
- CNC MACHINED, PRECISE ALUMINUM PHASE PLUG

Design notes:

The 200NTi compression driver is a high performance high frequency device ideal for professional loudspeaker systems. The driver,Âs advanced neodymium based magnetic circuit provides a compact, yet robust, ultra high force BL field with precision control of the pure titanium diaphragm assembly. The unit delivers incredibly linear frequency response and very high power handling through 1.4inch exit throat. The driver features a 75mm pure titanium

diaphragm formed as single piece with titanium suspension consisting resonance control features. REDCATT uses advanced manufacturing and quality control techniques, resulting in superb consistency of all our compression drivers.

Magnetic Circuit Design
Redcatt has focused on designing an optimized lightweight neodymium based magnetic circuit capable of delivering the highest level of performance. This effort

has resulted in a device that offers uncompromising performance featuring high efficiency, exceptional transient response and controlled distortion characteristics. The annular phase plug is CNC machined from a single block of aircraft grade aluminum. Our phase plug is true high-tech masterpiece. The reached shape and aligning tolerances are beyond what have been commercially produced

Specifications:

General specs

Nominal Diameter: **3"**Rated Impedance: **8 ohm**

Power handling

AES Power: **100 watts**Program Power: **200 watts**Peak Power: **400 watts**

Voice Coil

Diameter: **3 in.**Winding wire: **CCAR**Former: **kapton**

T/S Parameters

Resonant frequency: **800 Hz**Nominal sensitivity **111 dB**Re: **6 ohm**Le: **n/a mH**

Design details

Dome Material: **Titanium**Surround material: **Titanium**Magnet material: **Neodymium**Overall diameter: **130 mm**Bolt circle diameter: **102 mm**Throat diameter: **36mm mm**Number of mounting holes: **4**Depth (front to rear): **57 mm**Net weight: **2.9kg**

Ordering codes:

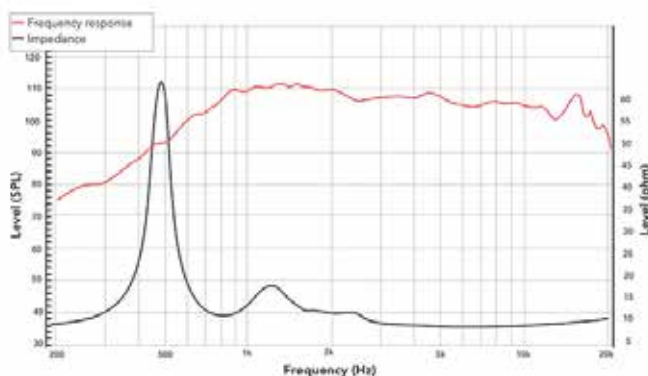
200NTIX-043

Recone kits:

RC200NTIX-043

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

Frequency response & Impedance



Frequency response measured on IAC baffle

2D drawing

