

3"**201NTi**

Neodymium Compression Driver



Key features:

- VERY COMPACT DESIGN
- PURE TITANIUM DOME WITH SURROUND INTEGRATED RESONANCE CONTROL FEATURES
- PORTABLE PRODUCTS, 2-WAY AND MULTI-WAY SYSTEMS, LINE-ARRAY APPLICATIONS

Design notes:

The 201NTi compression driver is based on the design of our successful 200NTi. We have shared the same dome assembly between these two models, while we have packed the driver into a smaller form factor. Not any compromises have been made to the sound character. This driver is here to support your needs in the applications where the space is limited. The driver, a Neodymium based magnetic circuit provides a robust, high force BL field, deliver-

ing precision control of the pure titanium diaphragm assembly, featuring 1.4inch exit throat.

Dome Assembly Design
REDCATT has designed the dome and the surround of this compression driver as a single part. The voice coil former is attached to the dome as a sandwich. This solution greatly improves the transfer of all frequencies onto the dome, with a good transient response. It also dramatical-

ly improves the power handling capability of the driver. REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome bonding is a unique process, developed to greatly improve the power handling capabilities. REDCATT unique and precise adhesives dispensing, combined with our in-house developed dome treatments are further improving the long term reliability of this product.

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: **700 Hz**
Nominal sensitivity: **109 dB**
Re: **6 ohm**
Le: **n/a mH**

Design details

Dome Material: **Titanium**
Surround material: **Titanium**
Magnet material: **Neodymium**
Overall diameter: **112 mm**
Bolt circle diameter: **102 mm**
Throat diameter: **36mm mm**
Number of mounting holes: **4**
Depth (front to rear): **62.1 mm**
Net weight: **1.95kg**

Ordering codes:

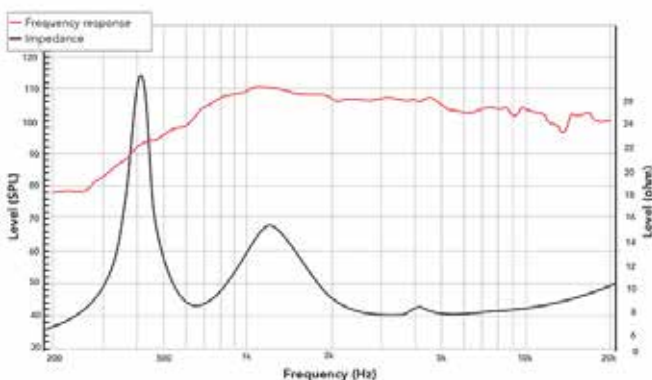
201NTiX-316

Recone kits:

RC201NTiX-316

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

