

APPLICATION:

- Ideal for high output, two-way and multiple way systems
- Due to its compact formfactor very suitable for linearrays

High Frequency Compression Driver

Ordering code:201NTi-316

Cont. Power	Sens.	Fs	Freq. Range	VC Dia.	VC Wire	Cone/Surround/Dome	Magnet type
220 watts	109.5 dB	410 Hz	400 Hz - 18 kHz	75mm	EW CCAW	Titanium	Neodymium

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. Not any compromises have been made to the sound character. This driver is here to support your needs in the applications where space is limited. The driver's Neodymium based magnetic circuit provides a robust, high force BL field providing precision control of the pure titanium diaphragm assembly, featuring 1.4inch exit throat. The suspension has designed and FEM optimized resonance control features to lower the harmonic distortion.

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 "L" sandwich. This solution greatly improves the transfer of all frequencies onto the dome, with a good transient response. It also dramatically 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.



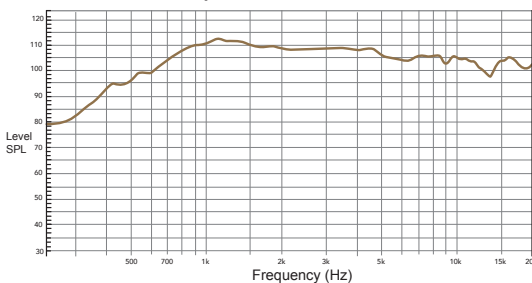
General Specifications

Exit Throat Diameter:	35.56 mm (1.4 in.)
Rated Impedance:	8 Ohm (or 16 Ohm)
Power Handling:	
AES Power:	110 Watts
Program Power:	220 Watts
Sensitivity:	109.5 dB
Frequency Range:	400 Hz - 18,000 Hz
Minimum Recommended Xover Freq.:	>700 Hz
Minimum Impedance:	5.3 Ohms at 25C
Voice Coil Diameter:	75mm (3 in.)
Voice Coil Winding Wire Material:	Edge Wound CCAW
Diaphragm:	Pure Titanium
Flux Density:	1.9 T
Magnetic Material:	Neodymium
Fs	410 Hz

Mounting Information

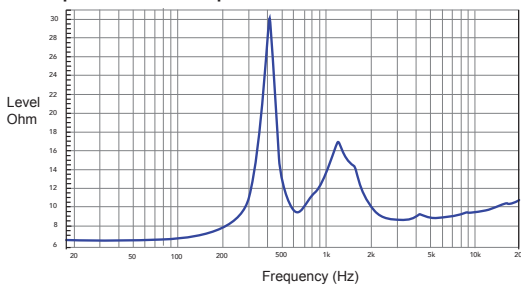
No. Of mounting holes	4x
4x M6 Holes	102mm Dia.
Total depth	61.65mm
Total outside dimension	112mm Dia.
Net weight	1.95 kg

Frequency Response



Frequency response measurement with transducer mounted on constant directivity horn

Impedance Response



Impedance measured in free air without a horn

