



**Key features:**

- VERY HIGH PERFORMANCE AT SMALL SIZE
- 2-WAY AND MULTI-WAY SPEAKER SYSTEMS

**Design notes:**

The 140NCD is a high performance high frequency device ideal for professional loudspeaker systems. The unit delivers extended frequency response and high power handling through 1.3inch exit throat. The suspension has designed and FEM optimized venting features to lower the harmonic distortion. The venting holes also improves the control over the dome movements at low frequencies.

140NCD ultra compact design ensures the driver can be used in enclosure designs where the space is very limited, such as line array systems. Redcatt has focused on designing an optimized neodymium based magnetic circuit capable of delivering the highest level of performance and value. The neodymium circuit is optimized to generate the minimum amount of flux modulation providing exceptional stability.

**Specifications:**

**General specs**

Nominal Diameter: 1"  
 Rated Impedance: 8 ohm

**Power handling**

AES Power: 30 watts  
 Program Power: 60 watts  
 Peak Power: 120 watts

**Voice Coil**

Diameter: 1.4 in.  
 Winding wire: CCAR  
 Former: kapton

**T/S Parameters**

Resonant frequency: 1200 Hz  
 Nominal sensitivity: 109 dB  
 Re: 5.5 ohm  
 Le: n/a mH

**Design details**

Dome Material: Polymer  
 Surround material: Polymer  
 Magnet material: Neodymium  
 Overall diameter: 95 mm  
 Bolt circle diameter: 76 mm  
 Throat diameter: 25mm mm  
 Number of mounting holes: 4  
 Depth (front to rear): 47.85 mm  
 Net weight: 538g

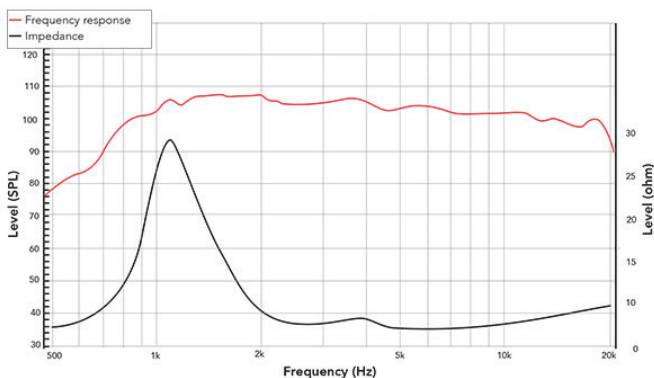
**Ordering codes:**

140NCDX-077

Recone kits:  
 RC140NCDX-077

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**

