

1.4" 140NCD

Compression Driver



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.

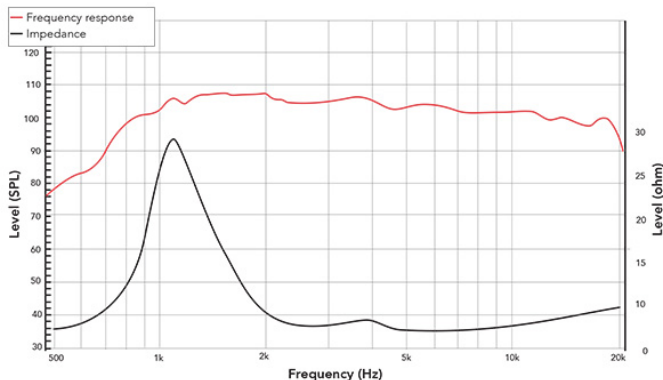
140NCD ultra compact design ensures the driver can be used in enclosure designs where the space is very limited, such as line array systems.

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		T/S Parameters		Design details		Ordering code:	
Nominal Diameter:	1.4 "	Resonant frequency:	1200 Hz	Dome Material:	PEN	CD-1.4-002-8R-B2-C0001	
Rated Impedance:	8 ohm	Re:	5.5 ohm	Surround material:	N/A		
Power handling		Sensitivity:	109 dB	Magnet material:	Neodymium	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.	
AES Power:	30 watts			Overall diameter:	95 mm		
Program Power:	60 watts			Bolt circle diameter:	76 mm		
Peak Power:	120 watts			Mounting holes:	4		
Voice Coil				Depth:	47.85 mm		
Diameter:	35.6 mm			Net weight:	0.538 kg		
Winding wire:	CCAR						
Former:	kapton						
Winding height:	2.5 mm						

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing

