

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	
Nominal Diameter:	1.4 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	30 watts
Program Power:	60 watts
Peak Power:	120 watts
Voice Coil	
Diameter:	35.6 mm
Winding wire:	CCAR
Former:	kapton
Winding height:	2.5 mm

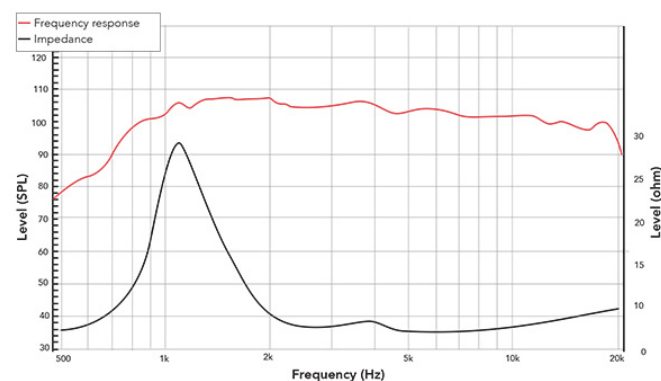
T/S Parameters	
Resonant frequency:	1200 Hz
Re:	5.5 ohm
Sensitivity:	109 dB

Design details	
Dome Material:	PEN
Surround material:	N/A
Magnet material:	Neodymium
Overall diameter:	95 mm
Bolt circle diameter:	76 mm
Mounting holes:	4
Depth:	47.85 mm
Net weight:	0.538 kg

Ordering codes:	
CD-1.4-002-8R-B2-C0001	
Legacy code: 140NCDX8-077	
Recone kits:	
RC140NCDX8-077	

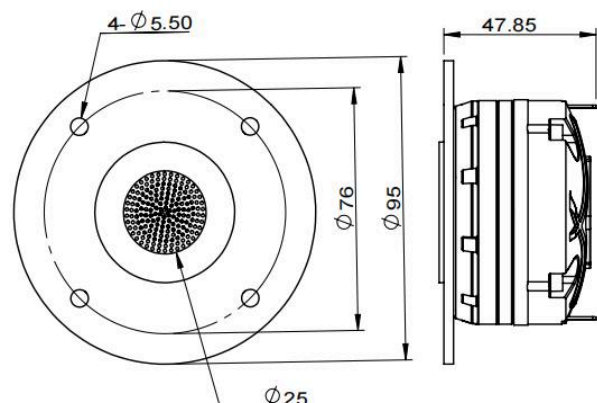
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



info@redcatt.net

www.redcatt.net