



Key features:

- HIGH SENSITIVITY IN VERY SMALL BODY
- LIGHTWEIGHT, SUITABLE FOR PORTABLE PRODUCTS

Design notes:

The 075NCD compression driver is a high performance, high frequency device ideal for professional loudspeaker systems, high output hi-fi systems and after market car audio applications. The driver, a neodymium based magnetic circuit provides a robust, high force BL field, providing precision control of the Polyimide diaphragm assembly. The unit delivers the frequency response and high power handling through 0.75

inch exit throat.

Diaphragm Assembly

The driver features a 19mm Polyimide diaphragm formed as single piece with Polyimide suspension.

The dome is carefully attached to a high temperature Kapton voice coil former that withstands the long term power characteristics typically seen in professional applications. The acoustic output exits through a bullet phase

plug and a 0.75 inch throat aperture.

Nominal sensitivity is 109 dB 1watt / 1 meter.

Specifications:

General specs

Nominal Diameter: 1"

Rated Impedance: 8 ohm

Power handling

AES Power: 20 watts

Program Power: 40 watts

Peak Power: 80 watts

Voice Coil

Diameter: 0.75 in.

Winding wire: CCAW

Former: kapton

T/S Parameters

Resonant frequency: 2300 Hz

Nominal sensitivity 100 dB

Re: 7.0 ohm

Le: n/a mH

Design details

Dome Material: Polymer

Surround material: Polymer

Magnet material: Neodymium

Overall diameter: 59.5 mm

Bolt circle diameter: 53 mm

Throat diameter: 19 mm mm

Number of mounting holes: 4

Depth (front to rear): 35 mm

Net weight: 0.17 kg

Ordering codes:

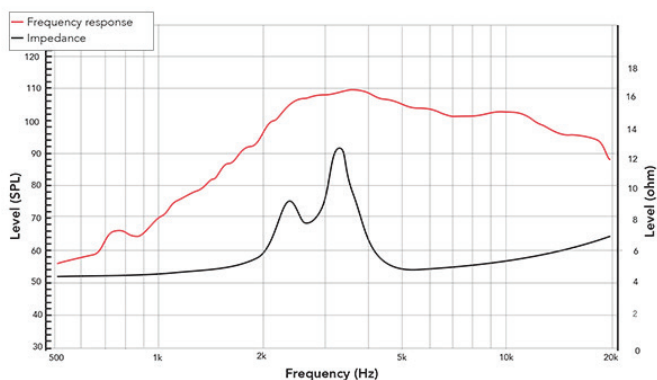
075NCDX-015

Recone kits:

RC075NCDX-015

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

