

**1"****101NCD**

# Neodymium Compression Driver



## Key features:

- IDEAL FOR COMPACT LINE-ARRAYS
- HIGH POWER HANDLING
- LOW DISTORTION, HIGH SPL

## Design notes:

The 101NCD compact size compression driver is a very high performance, high frequency device ideal for compact professional loudspeaker systems. The driver neodymium based magnetic circuit provides precision control over Polyamide diaphragm assembly in very compact package. The unit delivers extended frequency response and high power handling throughout 1.0 inch exit throat. The diaphragm is carefully

attached to a high temperature Nomex voice coil former that can withstand the long term power handling characteristic typically seen in professional audio applications. REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome bonding is 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.

## 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: 1 in.

Winding wire: CCAW

Former: kapton

### T/S Parameters

Resonant frequency: 1900 Hz

Nominal sensitivity 109 dB

Re: 4.6 ohm

Le: n/a mH

### Design details

Dome Material: Polymer

Surround material: Polymer

Magnet material: Neodymium

Overall diameter: 86 mm

Bolt circle diameter: 53 mm

Throat diameter: 25mm mm

Number of mounting holes: 2

Depth (front to rear): 37 mm

Net weight: 615g

### Ordering codes:

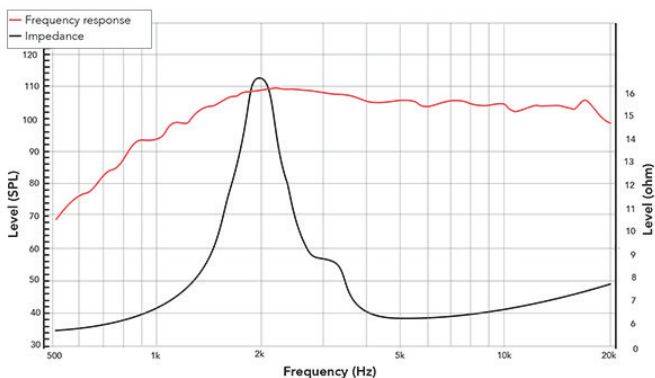
101NCDX-160

### Recone kits:

RC101NCDX-160

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

