

# Two-Inch Neodymium Compression Drivers

By George Petersen

The heart of many high-output sound reinforcement speakers is the 2-inch (exit) compression driver. Other versions of compression drivers exist — from half-inch to four-inch exit models — but the 2-inch neodymium versions offer a combination of efficiency, power handling, serious midrange punch and light weight that has made these ideal replacements in live sound systems. Looking at current offerings in 2-inch exit neodymium compression drivers, we found a wide range of models from a dozen manufacturers.

## Beyma CP850Nd



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 130 watts above 500 Hz  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 112 dB, 1w/1m

**Impedance:** 8 ohms  
**Voice Coil:** 4-inch  
**Weight:** 9.7 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$599/street

profesional.beyma.com NAMM Booth #6796

## Celestion CDX20-3000



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 75 watts RMS  
**Frequency Response:** 500 Hz to 18k Hz  
**Sensitivity:** 107 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 3-inch  
**Weight:** 4.4 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$439/street

celestion.com NAMM Booth #4674

## B&C DE1085TN



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 140 watts above 800 Hz  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 109 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 4-inch  
**Weight:** 7.9 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$446/MAP

bcspeakers.com NAMM Booth #6851

## BMS 4596ND



**Magnet:** Neodymium  
**Diaphragm:** Polyester  
**Power Rating:** 150 watts AES  
**Frequency Response:** 250 Hz to 9k Hz  
**Sensitivity:** 116 dB, 1w/1m

**Impedance:** 8 or 16 ohms  
**Voice Coil:** 3.5-inch  
**Weight:** 4.2 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$679/street

bmsspeakers.com NAMM Booth #6104

## Eighteen Sound ND2060T



**Magnet:** Neodymium  
**Diaphragm:** Composite titanium/PEN  
**Power Rating:** 100 watts above 1.2k Hz  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 110 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 3-inch  
**Weight:** 7.1 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$390/street

eighteensound.com

## Eminence N320T-8



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 100 watts AES  
**Frequency Response:** 800 Hz to 20k Hz  
**Impedance:** 8 ohm

**Voice Coil:** 3-inch  
**Weight:** 5.5 pounds  
**Mount:** Four 1/4 x 20 holes on 4-inch circle  
**Price:** \$199/street

eminence.com NAMM Booth #4334

## JBL 2450H/J



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 100 watts above 500 Hz  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 111 dB, 1w/1m  
**Impedance:** 8-ohm (2450H);

16-ohm (2450J)  
**Voice Coil:** 4-inch  
**Weight:** 10.5 pounds  
**Mount:** Four 1/4 x 20 holes on 4-inch circle  
**Price:** \$839/street

jblpro.com NAMM Booth #7800

## PRV D3220Ti-Nd



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 110 watts RMS  
**Frequency Response:** 500 Hz to 18k Hz  
**Sensitivity:** 108 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 3-inch  
**Weight:** 4.4 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$291/street

prvaudio.com NAMM Booth #5995

## RCF ND950 2.0



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 140 watts AES above 1kHz  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 111 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 4-inch  
**Weight:** 7.8 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$649/street

rcf.it NAMM Booth #6780

## FaitalPRO HF2000



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 100 watts AES above 900 Hz  
**Frequency Response:** 500 Hz to 18 kHz  
**Sensitivity:** 110 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 3-inch  
**Weight:** 6.1 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$590/MSRP

faitalpro.com NAMM Booth #6790

## P.Audio System PreNeo-750N



**Magnet:** Neodymium  
**Diaphragm:** Titanium  
**Power Rating:** 100 watts  
**Frequency Response:** 500 Hz to 18k Hz  
**Sensitivity:** 112 dB, 1w/1m

**Impedance:** 8 ohm  
**Voice Coil:** 3-inch  
**Weight:** 6.8 pounds  
**Mount:** Four M6 holes on 4-inch circle  
**Price:** \$299/street

paudiothailand.com NAMM Booth #6894

## Radian 950 PB



**Magnet:** Neodymium  
**Diaphragm:** Aluminum (beryllium optional)  
**Power Rating:** 125W AES  
**Frequency Response:** 500 Hz to 20k Hz  
**Sensitivity:** 111 dB, 1w/1m

**Impedance:** 8 or 16 ohm  
**Voice Coil:** 4-inch  
**Weight:** 10.4 pounds  
**Mount:** Four 1/4 x 20 holes on 4-inch circle  
**Price:** \$429/street

radianaudio.com NAMM Booth #6850

## Coming Next Month

### Small-Diaphragm Condenser Mics

