

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

