

1.4" Neodymium Compression Drivers

By George Petersen

The heart of most high-output sound reinforcement loudspeakers is the 1.4"-exit compression driver, which offers efficiency, power handling and serious midrange punch, in compact, lightweight packages. All of these factors make 1.4" neodymium compression drivers ideal as replacements / upgrades in existing live sound systems or as the centerpiece in a custom-build design. Here are a few models we uncovered in a recent survey.

B&C DCX464-16

Diaphragm: Coaxial MF/HF design
Power Rating: 220W continuous program
Response: 300 Hz to 18k Hz
Sensitivity: 111.4 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 2.5" HF / 4" MF
Weight: 8.16 pounds
Mount: 4 M6 holes on 4" circle



bcspeakers.com

Beyma CP-855nd-8

Diaphragm: Titanium
Power Rating: 200w program
Response: 500 Hz to 20k Hz
Sensitivity: 112 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 4-inch
Weight: 8.8 pounds
Mount: 4 M6 holes on 4" circle



beyma.com

BMS 4594 ND

Diaphragm: Coaxial MF/HF design
Power Rating: 320w
Response: 300 Hz to 22k Hz
Sensitivity: 118 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 1.75" (HF) / 3.5" (HF)
Weight: 5.6 pounds
Mount: 4 M6 holes on 4" circle



bmsspeakers.com

Celestion CDX14-3040

Diaphragm: Titanium
Power Rating: 150W continuous
Response: 500 Hz to 18k Hz
Sensitivity: 106.5 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 3-inch
Weight: 5 pounds
Mount: 4 M6 holes on 4" circle



celestion.com

EighteenSound ND1460

Diaphragm: Titanium
Power Rating: 200w continuous
Response: 500 Hz to 20k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 3-inch
Weight: 6.4 pounds
Mount: 4 M6 holes on 4" circle



eighteensound.com

Eminence N314X Tour Grade

Diaphragm: Thin-ply carbon
Power Rating: 150w AES
Response: 500 Hz to 20k Hz
Sensitivity: 110.5 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 3-inch
Weight: 5.1 pounds
Mount: 4 1/4x20 holes on 4" circle



eminence.com

FaitalPRO HF1440

Diaphragm: Ketone polymer
Power Rating: 240w
Response: 50 Hz to 20k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 3.4-inch
Weight: 4.5 pounds
Mount: 4 M6 holes on 4" circle



faitalpro.com

JBL Professional 2451H-J

Diaphragm: Titanium
Power Rating: 100w above 500 Hz
Response: 500 Hz to 20k Hz
Sensitivity: 111 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 4-inch
Weight: 10 pounds
Mount: 4 1/4x20 holes on 4.5" circle



jblpro.com

LaVoce DN14.300T

Diaphragm: Titanium
Power Rating: 220W program
Response: 500 Hz to 20k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 3-inch
Weight: 4.4 pounds
Mount: 4 M6 holes on 4" circle



lavocespeakers.com

Oberton NB72HB

Diaphragm: Carbon hybrid
Power Rating: 200W program
Response: 500 Hz to 19k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 or 16 ohms
Voice Coil: 2.85-inch
Weight: 6.6 pounds
Mount: 4 M6 holes on 4" circle



oberton.com

Radian Audio 951Be

Diaphragm: Beryllium
Power Rating: 250W continuous
Response: 500 Hz to 20k Hz
Sensitivity: 114 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 4-inch
Weight: 10.4 pounds
Mount: 4 M6 holes on 4" circle



radianaudio.com

RCF nd850 1.4

Diaphragm: Titanium
Power Rating: 220w continuous
Response: 500 Hz to 20k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 3-inch
Weight: 5.5 pounds
Mount: 4 M6 holes on 4" circle



rcf.it

SB Audience Rosso-65CDN-T

Diaphragm: Titanium
Power Rating: 140w program
Response: 500 Hz to 20k Hz
Sensitivity: 109 dB, 1w/1m
Impedance: 8 ohms
Voice Coil: 2.56"
Weight: 4.4 pounds
Mount: 4 M6 holes on 4" circle



sbaudience.com