

ND Series Aluminum Alloy Cone Woofers and Full-Range Drivers

NEW

- Rubber-edged aluminum alloy cone
- Large excursion capability—4 mm X_{MAX}, 20 mm peak
- Self-shielded Neo-Sym motor structure
- 4-layer underhung voice coil with polyimide former
- High power handling



Dayton Audio's compact aluminum cone drivers demonstrate the latest advances in high-excursion design processes. An efficient, low-distortion Neo-Sym motor is combined with a rigid yet lightweight aluminum diaphragm, yielding impressive high-impact audio reproduction. Perfect for single point-source applications, or combined in multiples and line arrays.

ND90 3-1/2" Full Range

Specifications (4 ohm/8 ohm):

- Power handling: 20 watts RMS/40 watts max • VC_{DIA}: 3/4" • Le: 0.57/0.54 mH
- Impedance: 4/8 ohms • Re: 3.52/7.5 ohms
- Frequency range: 80-15,000 Hz • Fs: 77/80 Hz
- SPL: 80.6/82.1 dB 1W/1m • V_{AS}: 0.05 cu. ft.
- Q_{MS}: 5.71/4.25 • Q_{ES}: 0.84/0.85 • Q_{TS}: 0.73/0.71
- X_{MAX}: 4 mm • Dimensions: A: 3-1/2", B: 3", D: 2-1/4"



#290-208 (ND90-4 4 ohm) \$25.99 LIST **\$19.70** (1-9) **\$16.90** (10-UP)

#290-210 (ND90-8 8 ohm) \$25.99 LIST **\$19.70** (1-9) **\$16.90** (10-UP)

ND105 4" Woofer

Specifications (4 ohm/8 ohm):

- Power handling: 25 watts RMS/50 watts max • VC_{DIA}: 1" • Le: 0.78/1.37 mH
- Impedance: 4/8 ohms • Re: 3.7/6.7 ohms
- Frequency range: 60-10,000 Hz • Fs: 77/80 Hz • SPL: 82.6/83.2 dB 1W/1m • V_{AS}: 0.16/0.13 cu. ft.
- Q_{MS}: 7.16/7.61 • Q_{ES}: 0.59/0.73
- Q_{TS}: 0.55/0.66 • X_{MAX}: 4 mm • Dimensions: A: 4-1/8", B: 3-5/8", D: 2-3/8"



#290-212 (ND105-4 4 ohm) \$32.99 LIST **\$24.85** (1-9) **\$21.50** (10-UP)

#290-214 (ND105-8 8 ohm) \$32.99 LIST **\$24.85** (1-9) **\$21.50** (10-UP)

ND140 5-1/4" Woofer

Specifications (4 ohm/8 ohm):

- Power handling: 40 watts RMS/80 watts max • VC_{DIA}: 1" • Le: 0.72/1.45 mH
- Impedance: 4/8 ohms • Re: 3.7/6.9 ohms
- Frequency range: 54-8,000 Hz • Fs: 54 Hz
- SPL: 85.3/85.7 dB 1W/1m • V_{AS}: 0.36/0.37 cu. ft.
- Q_{MS}: 6.59/5.55 • Q_{ES}: 0.74/0.68
- Q_{TS}: 0.66/0.61 • X_{MAX}: 4 mm • Dimensions: A: 5-1/2", B: 4-3/4", D: 2-1/2"



#290-216 (ND140-4 4 ohm) \$36.99 LIST **\$28.45** (1-9) **\$26.60** (10-UP)

#290-218 (ND140-8 8 ohm) \$36.99 LIST **\$28.45** (1-9) **\$26.60** (10-UP)

IB385-8 15" IB Subwoofer

Combining high sensitivity, good mechanical damping, and excellent excursion capabilities, the IB385-8 subwoofer is the only driver on the market designed specifically for infinite baffle applications. An IB subwoofer uses the wall between a listening room and an attic, basement, or garage to separate the front and rear sound waves (instead of using a traditional "box"). By doing this, you can get extreme low-frequency output that is clean and distortion-free, strong output with modest amplifiers, and best of all, no large enclosures within the room.

- Long excursion design
- Heavy gauge stamped steel frame
- Extremely rigid kevlar impregnated paper cone
- Heavy duty treated foam surround
- Single 8 ohm voice coil on Kapton former



Specifications:

- Power handling: 350 watts RMS/600 watts max • VC_{DIA}: 2"
- Le: 3.08 mH • Impedance: 8 ohm
- Re: 5.2 ohms • Frequency range: 20-500 Hz • Magnet weight: 90 oz. • Fs: 21 Hz • SPL: 88 dB 1W/1m, 90 dB 2.83V/1m
- V_{AS}: 11.11 cu. ft. • Q_{MS}: 12.08 • Q_{ES}: .69
- Q_{TS}: .65 • X_{MAX}: 14.3 mm • Dimensions: A: 15-1/8", B: 13-7/8", C: 7-3/8"



#295-455 \$207.99 LIST **\$159.73** (1-3) **\$152.12** (4-UP)

DVC Series Subwoofers

The DVC Series subwoofers are extremely versatile and work well in sealed, vented, bandpass, or even transmission line designs. They feature a solid 15 mm of linear excursion, enough to produce room-shaking bass. Each driver has a heavy gauge stamped steel frame, stiff Kevlar impregnated paper cone, treated foam surround, vented pole piece, and dual high-power voice coils.



- Extremely long mechanical excursion minimizes distortion of transient peaks
- Excellent bottom-octave extension in sealed or vented enclosures
- Dual voice coil configuration provides multiple wiring options

DVC310-88 12" Dual Voice Coil Subwoofer

Specifications:

- Power handling: 350 watts RMS per coil, 600 watts total
- VC_{DIA}: 2" • Le: 1.81 mH • Impedance: 8 ohm per coil/4 ohm total • Re: 2.7 ohms
- Frequency range: 20-450 Hz • Magnet weight: 112 oz. • Fs: 22 Hz • SPL: 87 dB 1W/1m, 90.4 dB 2.83V/1m • V_{AS}: 4.25 cu. ft.
- Q_{MS}: 12.53 • Q_{ES}: .38 • Q_{TS}: .37 • X_{MAX}: 15.1 mm • Net weight: 18 lbs. • Dimensions: A: 12-1/4", B: 11", C: 6-3/8", D: 6-1/2"



Note: All specifications are with voice coils connected in parallel.

#295-185 \$180.99 LIST **\$138.68** (1-3) **\$132.08** (4-UP)

DVC385-88 15" Dual Voice Coil Subwoofer

Specifications:

- Power handling: 350 watts RMS per coil, 600 watts total • VC_{DIA}: 2" • Le: 1.81 mH
- Impedance: 8 ohm per coil/4 ohm total • Re: 2.6 ohms • Frequency range: 20-450 Hz • Magnet weight: 112 oz. • Fs: 20 Hz • SPL: 90 dB 1W/1m, 93 dB 2.83V/1m • V_{AS}: 9.92 cu. ft. • Q_{MS}: 12.28 • Q_{ES}: .39 • Q_{TS}: .38 • X_{MAX}: 15.1 mm • Net weight: 20 lbs. • Dimensions: A: 15-1/8", B: 13-7/8", C: 7-3/8", D: 6-1/2"



Note: All specifications are with voice coils connected in parallel.

#295-190 \$194.99 LIST **\$149.76** (1-3) **\$142.62** (4-UP)

DVC310-PR 12" Passive Radiator

The DVC Series passive radiators feature the same suspension components as the active drivers. A convenient 1/4"-20 threaded rod comes attached to the rear of the cone, allowing weight to be added, adjusted, and secured easily. Cosmetically, the frame, cone, dustcap, and surround are identical to the DVC Series drivers.



- Specifications: • Fs: 21.5 Hz • V_{AS}: 4.6 cu. ft. • Q_{MS}: 6.15 • C_{MS}: .38 mm/N
- M_{MS}: 145 g • R_{MS}: 3.18 kg/s • S_d: 490 sq. cm. • X_{MAX}: 22 mm
- Dimensions: A: 12-1/4", B: 11", C: 5"

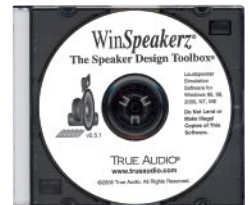
#295-192 \$102.99 LIST **\$78.52** (1-3) **\$74.78** (4-UP)

WinSpeakerz Introduction to Loudspeaker Design

- Inexpensive
- Easy to use
- Great learning tool

WinSpeakerz is a loudspeaker simulation program for Windows 95/98/ME/NT/2000/XP. This popular speaker simulator lets you propose various speaker systems and then evaluate them in software before you cut wood or order expensive transducer components. Besides enclosure simulation, WinSpeakerz supports speaker builders with various box and crossover calculators to see your projects to completion. Impedance compensators and tweeter attenuators can also be designed quickly. Just enter a few parameters and the component values are calculated as you type.

* Visit parts-express.com for additional details



#500-946 \$79.00 LIST **\$79.00** EACH