

Speaker Building

Drivers

Classic Series Subwoofers

The new Dayton Audio Classic Series subwoofers offer solid value at lower price points. No compromises were made in the design, materials, or construction of these rugged 4-ohm powerhouses.

- Sturdy stamped steel frame
- Vented pole piece and bumped back plate
- Inductance-reducing copper pole piece cap
- Treated non-pressed paper/Kevlar cone with rubber surround
- 4-layer voice coil
- Great for home and automotive applications
- Five year warranty



Classic Series

DCS205-4 8" Classic Subwoofer 4 Ohm

Specifications: • Power handling: 150 watts RMS/300 watts max • VC_{DIA}: 1.5" • Le: 1.76 mH • Impedance: 4 ohms • Re: 3.53 ohms • Frequency range: 30-200 Hz • Fs: 30 Hz • SPL: 87 dB 2.83V/1m • V_{AS}: 1.19 cu. ft. • Q_{MS}: 5.86 • Q_{ES}: 0.35 • Q_{TS}: 0.33 • X_{MAX}: 8.8 mm • Dimensions: A: 8-1/4", B: 7-1/4", C: 4-1/4".



#295-200 \$62.99 LIST **\$47.97** (1-3) **\$43.48** (4-UP)

DCS255-4 10" Classic Subwoofer 4 Ohm

Specifications: • Power handling: 200 watts RMS/400 watts max • VC_{DIA}: 2" • Le: 1.6 mH • Impedance: 4 ohms • Re: 2.97 ohms • Frequency range: 31-200 Hz • Fs: 31 Hz • SPL: 89 dB 2.83V/1m • V_{AS}: 1.68 cu. ft. • Q_{MS}: 4.90 • Q_{ES}: 0.37 • Q_{TS}: 0.34 • X_{MAX}: 8.3 mm • Dimensions: A: 10-1/4", B: 8-7/8", C: 5-1/2".

#295-202 \$90.99 LIST **\$69.76** (1-3) **\$63.12** (4-UP)

DCS305-4 12" Classic Subwoofer 4 Ohm

Specifications: • Power handling: 250 watts RMS/500 watts max • VC_{DIA}: 2-1/2" • Le: 1.94 mH • Impedance: 4 ohms • Re: 3.23 ohms • Frequency range: 23-200 Hz • Fs: 23 Hz • SPL: 89 dB 2.83V/1m • V_{AS}: 4.12 cu. ft. • Q_{MS}: 5.59 • Q_{ES}: 0.44 • Q_{TS}: 0.41 • X_{MAX}: 9.3 mm • Dimensions: A: 12", B: 11", C: 6".



#295-204 \$102.99 LIST **\$78.89** (1-3) **\$71.38** (4-UP)

DCS385-4 15" Classic Subwoofer 4 Ohm

Specifications: • Power handling: 300 watts RMS/600 watts max • VC_{DIA}: 2-1/2" • Le: 2.05 mH • Impedance: 4 ohms • Re: 3.32 ohms • Frequency range: 19.5-125 Hz • Fs: 19.5 Hz • SPL: 90 dB 2.83V/1m • V_{AS}: 12.59 cu. ft. • Q_{MS}: 4.86 • Q_{ES}: 0.47 • Q_{TS}: 0.43 • X_{MAX}: 9.3 mm • Dimensions: A: 15-1/4", B: 14", C: 7-3/8".

#295-206 \$129.99 LIST **\$99.85** (1-3) **\$91.69** (4-UP)

DCS450-4 18" Classic Subwoofer 4 Ohm

Specifications: • Power handling: 300 watts RMS/450 watts max • VC_{DIA}: 3" • Le: 2.96 mH • Impedance: 4 ohms • Re: 3.2 ohms • Frequency range: 22-500 Hz • Fs: 22 Hz • SPL: 94 dB 2.83V/1m • V_{AS}: 13.77 cu. ft. • Q_{MS}: 6.51 • Q_{ES}: .47 • Q_{TS}: .44 • X_{MAX}: 8.25 mm • Dimensions: A: 18", B: 17", C: 6-7/8".



#295-475 \$149.99 LIST **\$114.75** (1-3) **\$109.29** (4-UP)

PT2C-8 Planar Tweeter

- Perfect for multi-driver or line array applications
- When used in multiples, can handle crossover points as low as 2k
- Excellent for home theater or other fixed-listening-position applications



Planar tweeters reproduce music with great immediacy, detail, and transparency. The tall, slim design naturally produces a very narrow vertical and wide horizontal dispersion pattern, which can help eliminate room interactions from the floor and ceiling while producing a very wide horizontal soundfield.

Specifications: • Power handling: 80 watts RMS/115 watts max • Impedance: 8 ohms • Re: 7.6 ohms • Frequency range: 2,000-26,000 Hz • SPL: 94 dB 2.83V/1m • Dimensions: A: 6-5/8" x 3-1/2", B: 6-1/4" x 2-5/8", C: 7/8".

#275-085 \$51.99 LIST **\$39.34** (1-3) **\$36.57** (4-UP)

Aluminum Cone Woofers

- Great looking and sounding woofers
- Cosmetic stamped steel frame
- Flat frequency response in passband region
- Impressive output capabilities when used in MTM designs
- Very low distortion



The aluminum cone on these drivers is extremely rigid yet well damped, making the bass and midbass region very clean and low in distortion. When used with a well-designed crossover, an extremely flat frequency response can be achieved well into the midrange region.

DA115-8 4" Woofer

Specifications: • Power handling: 20 watts RMS/40 watts max • VC_{DIA}: 1" • Le: 0.69 mH • Impedance: 8 ohms • Re: 6.4 ohms • Frequency range: 59-16,000 Hz • Fs: 59 Hz • SPL: 85 dB 1W/1m • V_{AS}: 0.16 cu. ft. • Q_{MS}: 2.43 • Q_{ES}: 0.50 • Q_{TS}: 0.41 • X_{MAX}: 2.5 mm • Dimensions: A: 4-9/16", B: 3-11/16", C: 2-1/4".



#295-328 \$18.99 LIST **\$14.56** (1-3) **\$13.24** (4-UP)

DA135-8 5-1/4" Woofer

Specifications: • Power handling: 30 watts RMS/50 watts max • VC_{DIA}: 1" • Le: 0.97 mH • Impedance: 8 ohms • Re: 6.4 ohms • Frequency range: 50-15,000 Hz • Fs: 56.5 Hz • SPL: 85 dB 1W/1m • V_{AS}: 0.26 cu. ft. • Q_{MS}: 2.61 • Q_{ES}: 0.68 • Q_{TS}: 0.54 • X_{MAX}: 3 mm • Dimensions: A: 5-5/16", B: 4-1/2", C: 2-1/2".



#295-330 \$25.99 LIST **\$19.41** (1-3) **\$18.49** (4-UP)

DA175-8 7" Woofer

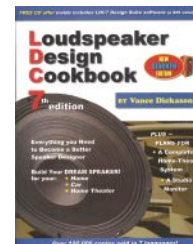
Specifications: • Power handling: 50 watts RMS/75 watts max • VC_{DIA}: 1-3/8" • Le: 1.14 mH • Impedance: 8 ohms • Re: 5.9 ohms • Frequency range: 35-10,000 Hz • Fs: 39 Hz • SPL: 85 dB 1W/1m • V_{AS}: 0.58 cu. ft. • Q_{MS}: 3.31 • Q_{ES}: 0.70 • Q_{TS}: 0.58 • X_{MAX}: 4.25 mm • Dimensions: A: 6-15/16", B: 5-5/8", C: 3".



#295-335 \$33.99 LIST **\$25.79** (1-3) **\$24.56** (4-UP)

Loudspeaker Design Cookbook 7th Edition

Now in the 7th edition! More comprehensive and featuring a wealth of new material, the 7th edition of the Loudspeaker Design Cookbook is a must-have for new speaker builders as well as owners of previous editions of the Cookbook. Written by Vance Dickason. 295 pages. Copyright 2005.



#500-035 \$39.95 LIST **\$33.95** EACH