

# Speaker Building

## Drivers



### Quatro™ Subwoofers

Designed and built in the USA, the Quatro subwoofers offer extreme dependability and ruggedness, making them perfect for home theater or automotive environments. Heavy-gauge 4-layer voice coils, extended back plates, and vented pole pieces provide clean excursion and high power handling.

- Work great in small, sealed enclosures for the automotive environment
- High sensitivity design allows strong output with modest amplifiers
- Ultra-rugged construction for many years of use

#### QT210-4 8" Subwoofer

*Perfect for truck cab subwoofers!*

**Specifications:** • Power handling: 150 watts RMS/300 watts max • VC<sub>DIA</sub>: 1.5" • Le: 2.2 mH • Impedance: 4 ohms • Re: 3.9 ohms • Frequency range: 35-200 Hz • Magnet weight: 33 oz. • Fs: 36 Hz • SPL: 89 dB 2.83V/1m • V<sub>AS</sub>: 1.40 cu. ft. • Q<sub>MS</sub>: 8.2 • Q<sub>ES</sub>: .42 • Q<sub>TS</sub>: .40 • X<sub>MAX</sub>: 9.5 mm • Dimensions: A: 8-1/4", B: 7-1/4", C: 4"



**#295-545** ..... \$83.99 LIST **\$63.88** (1-3) **\$60.83** (4-UP)

#### QT255-4 10" Subwoofer

**Specifications:** • Power handling: 200 watts RMS/400 watts max • VC<sub>DIA</sub>: 2" • Le: 2.0 mH • Impedance: 4 ohms • Re: 3.4 ohms • Frequency range: 30-200 Hz • Magnet weight: 44 oz. • Fs: 30 Hz • SPL: 92 dB 2.83V/1m • V<sub>AS</sub>: 1.84 cu. ft. • Q<sub>MS</sub>: 8.0 • Q<sub>ES</sub>: .31 • Q<sub>TS</sub>: .30 • X<sub>MAX</sub>: 8 mm • Dimensions: A: 10", B: 9", C: 4-3/4"



**#295-550** ..... \$123.99 LIST **\$95.23** (1-3) **\$90.70** (4-UP)

#### QT305-4 12" Subwoofer

**Specifications:** • Power handling: 250 watts RMS/500 watts max • VC<sub>DIA</sub>: 2-1/2" • Le: 2.5 mH • Impedance: 4 ohms • Re: 3.5 ohms • Frequency range: 25-200 Hz • Magnet weight: 56 oz. • Fs: 27 Hz • SPL: 94 dB 2.83V/1m • V<sub>AS</sub>: 4.24 cu. ft. • Q<sub>MS</sub>: 10.5 • Q<sub>ES</sub>: .37 • Q<sub>TS</sub>: .36 • X<sub>MAX</sub>: 10 mm • Dimensions: A: 12", B: 11", C: 6"



**#295-555** ..... \$142.99 LIST **\$115.89** (1-3) **\$109.78** (4-UP)

#### QT385-4 15" Subwoofer

*Amazing as a home theater subwoofer!*

**Specifications:** • Power handling: 300 watts RMS/600 watts max • VC<sub>DIA</sub>: 2-1/2" • Le: 3.5 mH • Impedance: 4 ohms • Re: 3.5 ohms • Frequency range: 20-125 Hz • Magnet weight: 67 oz. • Fs: 21 Hz • SPL: 92 dB 2.83V/1m • V<sub>AS</sub>: 6.60 cu. ft. • Q<sub>MS</sub>: 14.0 • Q<sub>ES</sub>: .42 • Q<sub>TS</sub>: .41 • X<sub>MAX</sub>: 10 mm • Dimensions: A: 15-1/8", B: 13-7/8", C: 6-5/8"



**#295-560** ..... \$166.99 LIST **\$128.45** (1-3) **\$122.33** (4-UP)

## DVC Shielded Subwoofers



The Dayton Audio DVC Shielded Series woofers were designed to offer the maximum performance-per-dollar. They feature poly coated paper cones, wide rubber surrounds, large voice coils, vented pole pieces, bumped back plates, and magnetic shielding on the motor structures. The healthy X<sub>MAX</sub>, long-throw construction, and dual voice coils make them perfect for any economical subwoofer system.

- Perform well in sealed or vented enclosures
- Attractive gasket-less design
- Long-life rubber-surround for years of reliable service
- Excellent bottom octave performance



#### SD215-88 8" DVC Shielded Subwoofer

**Specifications:** • Power handling: 80 watts RMS/120 watts max • VC<sub>DIA</sub>: 1.5" • Le: 1.2 mH • Impedance: 4 ohms • Re: 3.0 ohms • Frequency range: 30-2,000 Hz • Fs: 28 Hz • SPL: 89 dB 2.83V/1m • V<sub>AS</sub>: 1.40 cu. ft. • Q<sub>MS</sub>: 3.40 • Q<sub>ES</sub>: .47 • Q<sub>TS</sub>: .41 • X<sub>MAX</sub>: 6 mm • Dimensions: A: 8-1/2", B: 7-1/8", C: 4-1/4"

**#295-480** ..... \$37.99 LIST **\$28.48** (1-3) **\$27.12** (4-UP)

#### SD270-88 10" DVC Shielded Subwoofer

**Specifications:** • Power handling: 80 watts RMS/120 watts max • VC<sub>DIA</sub>: 1.5" • Le: 1.2 mH • Impedance: 4 ohms • Re: 3.1 ohms • Frequency range: 30-1,500 Hz • Fs: 25 Hz • SPL: 93 dB 2.83V/1m • V<sub>AS</sub>: 3.90 cu. ft. • Q<sub>MS</sub>: 3.20 • Q<sub>ES</sub>: .43 • Q<sub>TS</sub>: .38 • X<sub>MAX</sub>: 6 mm • Dimensions: A: 10-5/8", B: 9", C: 4-3/4"

**#295-485** ..... \$50.99 LIST **\$38.61** (1-3) **\$36.77** (4-UP)

#### SD315-88 12" DVC Shielded Subwoofer

**Specifications:** • Power handling: 120 watts RMS/180 watts max • VC<sub>DIA</sub>: 2" • Le: 1.4 mH • Impedance: 4 ohms • Re: 3.1 ohms • Frequency range: 30-1,000 Hz • Fs: 25 Hz • SPL: 94 dB 2.83V/1m • V<sub>AS</sub>: 5.20 cu. ft. • Q<sub>MS</sub>: 4.00 • Q<sub>ES</sub>: .38 • Q<sub>TS</sub>: .35 • X<sub>MAX</sub>: 7 mm • Dimensions: A: 12-3/8", B: 10-3/4", C: 6"

**#295-490** ..... \$66.99 LIST **\$50.92** (1-3) **\$48.49** (4-UP)

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

## Passive Radiators

Designed to match the DVC Shielded Series active drivers, these passive radiators can be used with the active drivers for new project construction, or as general-purpose replacements in any speaker or subwoofer. A built-in mass disc provides a good starting point for most designs, and a convenient M5 threaded hole (screw included) allows the addition of mass if desired. With poly coated paper cones and wide rubber surrounds, the possibilities with these passives are endless, from floor standing two-ways to small active/passive subwoofer systems.



#### SD215-PR 8" Passive Radiator

**Specifications:** • Fs: 21 Hz • V<sub>AS</sub>: 1.41 cu. ft. • Q<sub>MS</sub>: 2.00 • C<sub>MS</sub>: .75 mm/N • M<sub>MS</sub>: 75 g • R<sub>MS</sub>: 5.0 kg/s • S<sub>d</sub>: 194 sq. cm. • X<sub>MAX</sub>: 9 mm • Dimensions: A: 8-1/2", B: 7-1/8", C: 2-1/4"

**#295-492** ..... \$19.99 LIST **\$15.26** (1-3) **\$14.53** (4-UP)

#### SD270-PR 10" Passive Radiator

**Specifications:** • Fs: 20 Hz • V<sub>AS</sub>: 3.88 cu. ft. • Q<sub>MS</sub>: 2.50 • C<sub>MS</sub>: .67 mm/N • M<sub>MS</sub>: 100 g • R<sub>MS</sub>: 4.89 kg/s • S<sub>d</sub>: 340 sq. cm. • X<sub>MAX</sub>: 10 mm • Dimensions: A: 10-5/8", B: 9", C: 2-3/4"

**#295-494** ..... \$29.99 LIST **\$22.56** (1-3) **\$21.48** (4-UP)

#### SD315-PR 12" Passive Radiator

**Specifications:** • Fs: 17 Hz • V<sub>AS</sub>: 5.20 cu. ft. • Q<sub>MS</sub>: 3.00 • C<sub>MS</sub>: .45 mm/N • M<sub>MS</sub>: 200 g • R<sub>MS</sub>: 7.03 kg/s • S<sub>d</sub>: 480 sq. cm. • X<sub>MAX</sub>: 10 mm • Dimensions: A: 12-3/8", B: 10-3/4", C: 3-3/8"

**#295-496** ..... \$37.99 LIST **\$28.98** (1-3) **\$27.60** (4-UP)