

## R1L Round Planar Tweeter

The innovative round planar design of this tweeter uses a spiral etched conductor on a polyimide film. The optimized solid copper phase plug and FEA designed faceplate help to improve the off-axis response for a wider soundstage. Offering outstanding clarity with a very natural tone, this tweeter is excellent for 3-way designs, and should optimally be used from 3,500 Hz on up.

**Specifications:** • Power handling: 5 watts RMS/20 watts max • Impedance: 4 ohms • Frequency range: 3,500-40,000 Hz • SPL: 88 dB 2.83V/1m • Dimensions: A: 4-3/8", B: 3-5/8", C: 1-1/2".

**#297-403** ..... \$43.20 LIST **\$31.25** (1-3) **\$29.80** (4-UP)



## Speaker Building

### Drivers

## S1 4" Coaxial Speaker

This unique 2-way concentric driver utilizes a circular ribbon tweeter surrounded by a ring-type radiator midrange. The tweeter features a ribbon diaphragm and a copper phase plug. The midrange features a dual-roll treated cloth diaphragm, large voice coil, and a damped rear chamber. Both are terminated with gold plated push terminals. Dimensions: A: 4.65", B: 3.66", C: 2.28".

**Tweeter specifications:** • Power handling: 5 watts RMS/10 watts • Z<sub>NOM</sub>: 4 ohms • Re: 3.4 ohms • Frequency range: 650-8,000 Hz • SPL: 90 dB 2.83V/1m • Recommended crossover frequency: >8,000.

**Midrange specifications:** • Power handling: 15 watts RMS/30 watts max • Z<sub>NOM</sub>: 8 ohms • Re: 6 ohms • Frequency range: 6,000-20,000 Hz • Fs: 650 Hz • SPL: 90 dB 2.83V/1m • Recommended crossover frequency: >800 - <8,000.

**#297-461** ..... \$86.00 LIST **\$77.40** (1-3) **\$72.50** (4-UP)



## SD1.1A Shielded Textile Dome Tweeter

This high-quality tweeter uses a precisely coated diaphragm and a dampening ring located below the dome. A special cast alloy faceplate offers excellent physical protection of the diaphragm, while also helping improve off-axis response.

**Specifications:** • Power handling: 15 watts RMS/30 watts max • Impedance: 6 ohms • Frequency range: 2,000-20,000 Hz • Fs: 1,200 Hz • SPL: 91 dB 2.83V/1m • Dimensions: A: 4-9/16", B: 3-7/8", C: 1-5/8".

**#297-416** ..... \$13.70 LIST **\$12.60** (1-3) **\$12.33** (4-UP)



## X1 Textile Dome Tweeter

Featuring a precisely manufactured German diaphragm, this tweeter offers excellent airiness and overall sound quality. A copper clad aluminum voice coil and ferrofluid cooled motor ensure low compression and high power handling.

**Specifications:** • Power handling: 15 watts RMS/30 watts max • Impedance: 4 ohms • Frequency range: 2,000-20,000 Hz • Fs: 1,300 Hz • SPL: 92 dB 2.83V/1m • Dimensions: A: 4-9/16", B: 3-1/2", C: 1-1/8".

**#297-418** ..... \$9.99 LIST **\$9.14** (1-3) **\$8.67** (4-UP)



## Trinity6 6-1/2" Triaxial Driver

The Trinity6 6-1/2" triaxial driver is a classic convergence of two distinctly innovative technologies. Employing Hi-Vi's ultra high frequency circular ribbon tweeter at the center of the 3-way configuration. This tweeter features a ribbon diaphragm and a metal phase plug. The midrange features a dual roll treated cloth diaphragm and a damped rear chamber. Trinity6 produces a uniquely broad sound spectrum with wide dispersion and unparalleled pure phase response. Three separate gold plated push terminal pairs are provided for tri-amping capabilities. Recommended minimum crossover 800 Hz and 8,000 Hz. This driver is being featured in a wide range of new products from in-ceiling speakers to home theater systems. Dimensions: A: 6.81", B: 5.68", C: 2.34".

**Tweeter specifications:** • Power handling: 5 watts RMS/10 watts • Z<sub>NOM</sub>: 4 ohms • Re: 3.4 ohms • Frequency range: 650-8,000 Hz • SPL: 90 dB 2.83V/1m • Recommended crossover frequency: >8,000.

**Midrange specifications:** • Power handling: 15 watts RMS/30 watts max • Z<sub>NOM</sub>: 8 ohms • Re: 6 ohms • Frequency range: 6,000-20,000 Hz • Fs: 650 Hz • SPL: 90 dB 2.83V/1m • Recommended crossover frequency: >800 - <8,000.

**Woofer specifications:** • Power handling: 40 watts RMS/80 watts max • V<sub>C<sub>DIA</sub></sub>: 3" • Z<sub>NOM</sub>: 4 ohms • Re: 3.2 ohms • Frequency range: 63-1,200 Hz • Fs: 63 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: .20 cu. ft. • Q<sub>MS</sub>: 2.50 • Q<sub>ES</sub>: .46 • Q<sub>TS</sub>: .38 • X<sub>MAX</sub>: 2.7 mm

**#297-462** ..... \$166.00 LIST **\$149.40** (1-3) **\$139.85** (4-UP)



## TN28 Fabric Dome Tweeter

The versatile design of this tweeter minimizes diffraction while allowing front, rear, or side mounting. The ferrofluid-immersed 28 mm voice coil and flexible leads provide good power handling and stable excursion. The hand-treated fabric dome provides a very smooth frequency response while the neodymium motor and large non-resonant rear chamber provide superior low-treble performance.

**Specifications:** • Power handling: 40 watts RMS/100 watts max • V<sub>C<sub>DIA</sub></sub>: 1-1/8" • Impedance: 6 ohms • Re: 5.1 ohms • Frequency range: 2,000-20,000 Hz • Fs: 1,600 Hz • SPL: 88 dB 2.83V/1m • Dimensions: 1-7/8" dia. x 3-1/4" L.

**#297-409** ..... \$14.40 LIST **\$14.25** (1-3) **\$13.94** (4-UP)



## SP10 Subwoofer

- 10" flat cone
- 15.5 mm X<sub>MAX</sub>
- A true heavyweight at 28 lbs.
- Aluminum cast frame
- Full-roll neoprene surround
- Great car audio subwoofer

The SP10 is one of the most massive 10" subwoofers available today. Weighing in at over 28 lbs, it is a true heavyweight. The SP10 has been optimized for accurate low frequency reproduction in a small sealed enclosure of only .8 cu. ft. producing an f3 around 45 Hz. So, if you dare, jump into the ring with a true heavyweight.

**Specifications:** • Power handling: 500 watts RMS/700 watts max • V<sub>C<sub>DIA</sub></sub>: 3" • Le: 1.35 mH • Impedance: 4 ohms • Re: 3.4 ohms • Frequency range: 35-150 Hz • Fs: 34 Hz • SPL: 84 dB 2.83V/1m • V<sub>AS</sub>: .60 cu. ft. • Q<sub>MS</sub>: 4.83 • Q<sub>ES</sub>: .65 • Q<sub>TS</sub>: .57 • X<sub>MAX</sub>: 15.5 mm • Dimensions: A: 10-1/4", B: 9-1/4", C: 5-11/16".

**#297-460** ..... \$187.20 LIST **\$168.48** (1-3) **\$159.87** (4-UP)



## TN25 1" Fabric Dome Tweeter

• Hand treated 1" fabric dome • Large non-resonant rear acoustic chamber • Ferrofluid cooled voice coil for higher power handling • Self-shielding neodymium magnet • Small faceplate allows for closer placement to bass/midrange driver for improved imaging.

**Specifications:** • Power handling: 20 watts RMS/40 watts max • V<sub>C<sub>DIA</sub></sub>: 1" • Impedance: 5 ohms • Re: 4.6 ohms • Frequency range: 2,500-22,000 Hz • Fs: 1,500 Hz • SPL: 89 dB 1W/1m • Dimensions: A: 2-1/8" x 2-1/8", B: 1-11/16", C: 2-1/2".

**#297-408** ..... \$9.00 LIST **\$8.28** (1-3) **\$8.10** (4-UP)



## DMN-A 2" Soft Dome Midrange

Compact design soft dome midrange with hand treated fabric dome and 2" voice coil. This coil is powered by a neodymium motor and is damped via a large non-resonant rear chamber that lowers the resonance frequency and improves low-end output. Overall a very relaxed sounding dome midrange that is one of the few that can be used near CRTs.

**Specifications:** • Power handling: 60 watts RMS/120 watts max • V<sub>C<sub>DIA</sub></sub>: 2" • Le: .127 mH • Impedance: 5 ohms • Re: 4.6 ohms • Frequency range: 700-10,000 Hz • Fs: 350 Hz • SPL: 91 dB 1W/1m • X<sub>MAX</sub>: .35 mm • Dimensions: A: 4-9/16", B: 3-1/2", C: 5".

**#297-415** ..... \$28.80 LIST **\$26.50** (1-3) **\$26.27** (4-UP)

