

Speaker Building

Drivers

Usher has many years of experience in the high-end audio industry, and is driven by a passion for great sound. Their premium drive units feature low-distortion motor systems and only the highest-quality materials to ensure very accurate and dynamic musical reproduction.



9930 1" Textile Dome Tweeters

The 9930 tweeters use a specially coated dome that offers flat frequency response and a very open and detailed sound quality. A tuned rear chamber and a lightweight ferrofluid in the gap provide a well-damped, low resonance point, making for easy crossover design. Top-quality materials including precision cast faceplate, machined motor parts, and an injected back cup are found on these tweeters. Available as both a shielded or standard unit.



9930-20 (non-shielded): • Power handling: 10 watts RMS/15 watts max (full range signal) • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 4.7 ohms • Frequency range: 1,800-20,000 Hz • Fs: 660 Hz • SPL: 88 dB 2.83V/1m • Dimensions: A: 4-1/8", B: 3-1/4", C: 1-3/4".

9930C-15 (shielded): All specs the same except: • Fs: 700 Hz.

#276-604 (9930-20 non-shielded) \$59.99 LIST **\$50.59** (1-3) **\$48.06** (4-UP)

#276-606 (9930C-15 shielded) \$67.99 LIST **\$57.95** (1-3) **\$55.05** (4-UP)

9950 1" Textile Dome Tweeters

The 9950's take the technology of the 9930's one step further to include a copper shorting ring on the tweeter pole. This ring dramatically reduces the distortion levels, and also helps provide greater high frequency extension. The 9950 tweeters are extremely well made units that contain all the features found on the highest-quality tweeters, but at a fraction of the price.



9950-20 (non-shielded): • Power handling: 10 watts RMS/15 watts max (full range signal) • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 4.7 ohms • Frequency range: 1,500-20,000 Hz • Fs: 560 Hz • SPL: 88 dB 2.83V/1m • Dimensions: A: 4-1/8", B: 3-1/4", C: 1-3/4".

9950C-15 (shielded): All specs the same except: • Fs: 700 Hz.

#276-608 (9950-20 non-shielded) \$69.99 LIST **\$59.79** (1-3) **\$56.80** (4-UP)

#276-610 (9950C-15 shielded) \$79.99 LIST **\$67.15** (1-3) **\$63.79** (4-UP)

Speaker Gasketing Tape

Finally! A foam gasketing tape designed specifically for loudspeakers! This specially designed foam tape is excellent for making an airtight seal around drivers, terminals, handles, horns, or any other item that needs installed in your cabinet. Made of closed cell PVC foam with a high-tack adhesive that aggressively sticks to all speaker frames 1/8" thick, sold in 50 ft. rolls.



Part #	Width	Price (1-3)	Price (4-UP)
260-540	3/8"	\$6.19	\$5.75
260-542	1/2"	6.48	5.97

8945A 7" Carbon Fiber/Paper Woofer

The 8945A woofer is one of Usher's most popular drivers, featuring their low distortion motor system and a carbon fiber/paper blend cone. High excursion capabilities combined with the rigid yet well-damped cone provide powerful bass without a harsh midrange. This is one of the best all-around woofers for traditional 2-way bookshelf and compact floor-standing systems.



Specifications: • Power handling: 80 watts RMS/90 watts max • VC_{DIA}: 1-5/8" • Le: .46 mH • Impedance: 8 ohms • Re: 5.8 ohms • Frequency range: 35-8,000 Hz • Fs: 35 Hz • SPL: 87 dB 2.83V/1m • V_{AS}: 1.21 cu. ft. • Q_{MS}: 1.96 • Q_{ES}: .37 • Q_{TS}: .31 • X_{MAX}: 6 mm • Dimensions: A: 7", B: 5-5/8", C: 3-1/16".

#296-600 \$129.99 LIST **\$110.39** (1-3) **\$104.87** (4-UP)

8945P 7" Carbon Fiber/Paper Woofer

The 8945P takes the carbon fiber/paper blend cone from the 8945A and mates it with a machined aluminum phase plug. The phase plug has several benefits including lower voice coil inductance, lower distortion, reduced power compression, and improved heat dissipation. The slightly bolder look of the 8945P can give your system an extra touch of class.



Specifications: • Power handling: 70 watts RMS/90 watts max • VC_{DIA}: 1-5/8" • Le: .24 mH • Impedance: 8 ohms • Re: 5.8 ohms • Frequency range: 34-5,000 Hz • Fs: 34 Hz • SPL: 86 dB 2.83V/1m • V_{AS}: 1.32 cu. ft. • Q_{MS}: 2.44 • Q_{ES}: .39 • Q_{TS}: .33 • X_{MAX}: 6 mm • Dimensions: A: 7", B: 6-1/4", C: 3".

#296-602 \$129.99 LIST **\$110.39** (1-3) **\$104.87** (4-UP)

8836A 7" Kevlar® Woofer

The yellow Kevlar® cone with black dustcap gives this driver a very modern and attractive look. The Kevlar® cone material offers excellent midrange and midbass clarity, while still maintaining great dynamics. The truncated frame makes this woofer great for multi-driver systems, and when used with the shielded counterpart it can be part of an amazing home theater system.



Specifications: • Power handling: 70 watts RMS/100 watts max • VC_{DIA}: 1-1/2" • Le: .32 mH • Impedance: 8 ohms • Re: 5.5 ohms • Frequency range: 28-5,000 Hz • Fs: 28 Hz • SPL: 88 dB 2.83V/1m • V_{AS}: 1.77 cu. ft. • Q_{MS}: 1.22 • Q_{ES}: .33 • Q_{TS}: .26 • X_{MAX}: 5 mm • Dimensions: A: 7-1/4", B: 6-1/4", C: 3-1/4".

#296-606 \$119.99 LIST **\$101.19** (1-3) **\$96.13** (4-UP)

8836AC 7" Black Kevlar® Woofer

The shielded version of the 8836A, this driver uses a black Kevlar® cone for a more subtle look. It is perfect for center channel use, and offers great midrange clarity without the cosmetic distraction of a brightly colored cone. Once again, the truncated frame allows close driver spacing, which is especially critical in center channel speakers.



Specifications: • Power handling: 70 watts RMS/100 watts max • VC_{DIA}: 1-1/2" • Le: .32 mH • Impedance: 8 ohms • Re: 5.5 ohms • Frequency range: 31-5,000 Hz • Fs: 31 Hz • SPL: 87 dB 2.83V/1m • V_{AS}: 1.64 cu. ft. • Q_{MS}: 1.88 • Q_{ES}: .40 • Q_{TS}: .33 • X_{MAX}: 5 mm • Dimensions: A: 7-1/4", B: 6-1/4", C: 3-3/4".

#296-608 \$129.99 LIST **\$110.39** (1-3) **\$104.87** (4-UP)

Speaker Dimension Key

