

# Speaker Building

## Drivers

### 3/4" Polymer Dome Tweeter

Polymer dome tweeter with strontium magnet. Ferro fluid cooling allows for maximum heat dissipation and increased power handling capability. Dome tweeters offer natural and unstrained high frequencies.



**Specifications:** • Power handling: 30 watts RMS/45 watts max • VC<sub>DIA</sub>: 3/4" • Impedance: 8 ohms • Frequency response: 2,000-20,000 Hz • SPL: 90 dB 1W/1m • Mfg. #FBDD69-51F • Dimensions: A: 4", B: 2-3/8", C: 1".

#270-058 ..... \$11.32 (1-3) \$10.34 (4-UP)

### 2-1/2" Cone Tweeter

Paper cone tweeter with strontium magnet and round faceplate. Ferro fluid cooling.



**Specifications:** • Power handling: 40 watts RMS/55 watts max • VC<sub>DIA</sub>: 1/2" • Impedance: 8 ohms • Frequency response: 2,000-20,000 Hz • SPL: 93 dB 1W/1m • Magnet weight: 2 oz. • SPL: 93 dB 1W/1m. • Mfg. #FD66AP45-13F • Dimensions: A: 3-1/8", B: 2-1/2", C: 1-1/8".

#270-032 ..... \$6.72 (1-3) \$5.70 (4-UP)

### 2-1/2" Cone Tweeter

Paper cone tweeter with strontium magnet and square faceplate. Ferro fluid cooling.



**Specifications:** • Power handling: 40 watts RMS/55 watts max • VC<sub>DIA</sub>: 1/2" • Impedance: 8 ohms • Frequency response: 2,000-20,000 Hz • SPL: 93 dB 1W/1m • Mfg. #FP66AP45-54F • Dimensions: A: 2-7/8" x 2-7/8", B: 2-1/2", C: 1-1/8".

#270-034 ..... \$5.56 (1-3) \$4.79 (4-UP)

### 3-1/2" Horn Tweeter

Exponential horn design tweeter with barium magnet. Delivers clean, crisp, high frequencies.



**Specifications:** • Power handling: 35 watts RMS/50 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 2,000-20,000 Hz • SPL: 100 dB 1W/1m • Mfg. #AHE60-51F • Dimensions: A: 3-1/2" x 3-1/2", B: 2-1/2", C: 2-1/2".

#270-050 ..... \$12.32 (1-3) \$11.31 (4-UP)

### 5" Cone Midrange

Paper cone with poly foam surround. Sealed back midrange with strontium magnet structure. Ferro fluid cooling.



**Specifications:** • Power handling: 50 watts RMS/75 watts max • VC<sub>DIA</sub>: 3/4" • Impedance: 8 ohms • Frequency response: 700-7,000 Hz • SPL: 92 dB 1W/1m • Mfg. #FD10DP61-06F • Dimensions: A: 5-1/8", B: 4-1/8", C: 2-1/4".

#280-250 ..... \$9.25 (1-3) \$8.39 (4-UP)

### 5-1/4" Poly Cone Midrange

Polypropylene cone with poly foam surround. Sealed back midrange with heavy duty magnet structure. Ferro fluid cooling.



**Specifications:** • Power handling: 50 watts RMS/75 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 500-6,000 Hz • SPL: 92 dB 1W/1m • Mfg. #FB12EU14-51F • Dimensions: A: 5-7/8", B: 4-3/4", C: 2-1/2".

#280-240 ..... \$21.95 (1-3) \$20.60 (4-UP)

# Pioneer

Pioneer boasts 60 years of loudspeaker experience and is one of the largest speaker manufacturers in the world today. Each woofer, midrange, and tweeter has been carefully engineered to provide superior audio reproduction.

### 5-1/4" Cone Midrange

Paper cone with treated cloth surround. Tuned cup midrange with internal sound dampening material. Ferro fluid cooling provides maximum heat dissipation and increased power handling capability.



**Specifications:** • Power handling: 50 watts RMS/75 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 320-6,000 Hz • SPL: 94 dB 1W/1m • Mfg. #B11EC80-02F • Dimensions: A: 5-1/4", B: 4-1/8", C: 3-3/4".

#280-020 ..... \$18.58 (1-3) \$16.53 (4-UP)

### 5-1/4" Cone Midrange

Paper cone with treated cloth surround. Sealed back midrange and heavy duty magnet structure. Ferro fluid cooling.



**Specifications:** • Power handling: 50 watts RMS/75 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 500-14,000 Hz • SPL: 90 dB 1W/1m • Mfg. #FB11EC14-51F • Dimensions: A: 5-1/4", B: 4-1/8", C: 2-1/4".

#280-045 ..... \$19.56 (1-3) \$18.33 (4-UP)

### 4-1/2" Full Range Driver

Paper cone with treated cloth surround. Open back and stamped basket. Perfect for bookshelf type speakers and car stereo installations.



**Specifications:** • Power handling: 20 watts RMS/30 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 70-15,000 Hz • Fs: 70 Hz • SPL: 90 dB 1W/1m • Vas: .31 cu. ft. • X<sub>MAX</sub>: 1.1 mm • Q<sub>MS</sub>: 1.40 • Q<sub>ES</sub>: .47 • Q<sub>TS</sub>: .35 • Mfg. #A11EC80-02F • Dimensions: A: 4-1/2", B: 4-1/8", C: 2-3/8".

#290-010 ..... \$13.98 (1-3) \$12.57 (4-UP)

### 8" Pioneer Coaxial Speaker

Paper cone with poly foam surround. 2-1/2" tweeter. Full range coaxial offers great fidelity and sound. Perfect for P.A. and ceiling type applications.



**Specifications:** • Power handling: 35 watts RMS/50 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 50-18,000 Hz • Magnet weight: 10 oz. • Fs: 50 Hz • SPL: 94 dB 1W/1m • Vas: 2.83 cu. ft. • X<sub>MAX</sub>: 1.0 mm • Q<sub>MS</sub>: 2.51 • Q<sub>ES</sub>: .61 • Q<sub>TS</sub>: .49 • Mfg. #B20EC82-51FX-Q • Dimensions: A: 8-1/8", B: 7-1/4", C: 3-1/2".

#290-057 ..... \$26.98 (1-3) \$24.14 (4-UP)

### 8" Pioneer Full Range Speaker

Paper cone with poly foam surround. Incorporates a center whizzer cone. Recommended for sound reinforcement or single component cabinets where a wider frequency coverage pattern is required.



**Specifications:** • Power handling: 60 watts RMS/85 watts max • VC<sub>DIA</sub>: 1" • Impedance: 8 ohms • Frequency response: 36-17,000 Hz • Magnet weight: 20 oz. • Fs: 36 Hz • SPL: 94 dB 1W/1m • Vas: 3.25 cu. ft. • X<sub>MAX</sub>: 3.0 mm • Q<sub>MS</sub>: 1.79 • Q<sub>ES</sub>: .29 • Q<sub>TS</sub>: .25 • Mfg. #B20FU20-51FW • Dimensions: A: 8-1/8", B: 7-1/4", C: 4-1/8".

#290-045 ..... \$30.62 (1-3) \$27.18 (4-UP)