

# Speaker Building

## Drivers



### Pismo Series

Goldwood low frequency drivers are ideal for the customer who is looking for an inexpensive replacement woofer. Each woofer features a

treated paper ribbed cone, vented pole piece, moisture resistant poly foam surround, and stamped steel frame.

#### 4" Shielded Woofer

**#290-370** • Power handling: 40 watts RMS/70 watts max • VC<sub>DIA</sub>: 1" • Le: .1 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 100-10,000 Hz • Fs: 138 Hz • SPL: 86 dB 2.83V/1m • V<sub>AS</sub>: .035 cu. ft. • X<sub>MAX</sub>: 1.5 mm • Q<sub>MS</sub>: 7.19 • Q<sub>ES</sub>: 2.20 • Q<sub>TS</sub>: 1.69 • Dimensions: A: 4-1/2", B: 4", C: 2-9/16".

**#290-372**: All specs the same except: • Le: .2 mH • Impedance: 8 ohms • Re: 7.3 ohms • SPL: 84 dB 2.83V/1m • Q<sub>MS</sub>: 6.81 • Q<sub>ES</sub>: 2.02 • Q<sub>TS</sub>: 1.56.

**#290-370** (4 ohm GW-204/4S)

**#290-372** (8 ohm GW-204/8S) ..... **\$9.67** (1-3) **\$8.73** (4-UP)



#### 5-1/4" Shielded Woofer

**#290-374** • Power handling: 70 watts RMS/130 watts max • VC<sub>DIA</sub>: 1" • Le: .2 mH • Impedance: 4 ohms • Re: 3.6 ohms • Frequency range: 80-6,000 Hz • Fs: 85 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: .18 cu. ft. • X<sub>MAX</sub>: 2.0 mm • Q<sub>MS</sub>: 3.18 • Q<sub>ES</sub>: .87 • Q<sub>TS</sub>: .68 • Dimensions: A: 5-1/4", B: 4-3/4", C: 3-1/8".

**#290-376**: All specs the same except: • Le: .4 mH • Impedance: 8 ohms • Re: 7.1 ohms • SPL: 87 dB 2.83V/1m • Q<sub>MS</sub>: 3.18 • Q<sub>ES</sub>: 1.10 • Q<sub>TS</sub>: .81.

**#290-374** (4 ohm GW-205/4S)

**#290-376** (8 ohm GW-205/8S) ..... **\$11.33** (1-3) **\$10.40** (4-UP)



#### 6-1/2" Woofer

**#290-300** • Power handling: 90 watts RMS/180 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .4 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 60-3,000 Hz • Fs: 60 Hz • SPL: 91 dB 2.83V/1m • V<sub>AS</sub>: .42 cu. ft. • Q<sub>MS</sub>: 3.50 • Q<sub>ES</sub>: .73 • Q<sub>TS</sub>: .61 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 6-1/2", B: 5-5/8", C: 3-5/16".

**#290-305**: All specs the same except: • Le: .5 mH • Impedance: 8 ohms • Re: 7.1 ohms • SPL: 87 dB 1W/1m • Q<sub>ES</sub>: .97 • Q<sub>TS</sub>: .75.

**#290-300** (4 ohm GW-206/4)

**#290-305** (8 ohm GW-206/8) ..... **\$15.34** (1-3) **\$13.97** (4-UP)



#### 8" Woofer

**#290-310** • Power handling: 100 watts RMS/200 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .4 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency response: 55-2,500 Hz • Fs: 53 Hz • SPL: 90.8 dB 2.83V/1m • V<sub>AS</sub>: .80 cu. ft. • Q<sub>MS</sub>: 4.05 • Q<sub>ES</sub>: .85 • Q<sub>TS</sub>: .70 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 8", B: 7-1/8", C: 3-11/16".

**#290-315**: All specs the same except: • Le: .6 mH • Impedance: 8 ohms • Re: 7.3 ohms • SPL: 88 dB 1W/1m • Q<sub>ES</sub>: 1.09 • Q<sub>TS</sub>: .86.

**#290-310** (4 ohm GW-208/4)

**#290-315** (8 ohm GW-208/8) ..... **\$16.68** (1-3) **\$14.88** (4-UP)



#### 10" Woofer

**#290-320** • Power handling: 110 watts RMS/ 220 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .4 mH • Impedance: 4 ohms • Re: 3.8 ohms • Frequency range: 40-2,200 Hz • Fs: 41 Hz • SPL: 90.6 dB 2.83V/1m • V<sub>AS</sub>: 2.19 cu. ft. • Q<sub>MS</sub>: 4.46 • Q<sub>ES</sub>: 1.66 • Q<sub>TS</sub>: 1.21 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 10", B: 9-1/8", C: 4-3/8".

**#290-325**: All specs the same except: • Le: .5 mH • Impedance: 8 ohms • Re: 7.1 ohms • SPL: 86 dB 1W/1m • Q<sub>ES</sub>: 1.60 • Q<sub>TS</sub>: 1.19.

**#290-320** (4 ohm GW-210/4)

**#290-325** (8 ohm GW-210/8) ..... **\$19.98** (1-3) **\$17.94** (4-UP)



#### 12" Woofer

**#290-330** • Power handling: 120 watts RMS/240 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .5 mH • Impedance: 4 ohms • Re: 3.6 ohms • Frequency range: 35-1,500 Hz • Fs: 38 Hz • SPL: 90.4 dB 2.83V/1m • V<sub>AS</sub>: 3.59 cu. ft. • Q<sub>MS</sub>: 5.27 • Q<sub>ES</sub>: 1.43 • Q<sub>TS</sub>: 1.17 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 12", B: 11", C: 5-1/8".

**#290-335**: All specs the same except: • Le: .6 mH • Impedance: 8 ohms • Re: 7.0 ohms • SPL: 87 dB 2.83V/1m • Q<sub>ES</sub>: 1.98 • Q<sub>TS</sub>: 1.44.

**#290-330** (4 ohm GW-212/4)

**#290-335** (8 ohm GW-212/8) ..... **\$24.53** (1-3) **\$22.35** (4-UP)



#### 15" Woofer

• Power handling: 150 watts RMS/300 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .93 mH • Impedance: 8 ohms • Re: 7.2 ohms • Frequency range: 20-2,500 Hz • Fs: 29 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: 9.69 cu. ft. • Q<sub>MS</sub>: 5.07 • Q<sub>ES</sub>: 1.29 • Q<sub>TS</sub>: 1.03 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 15", B: 13-3/4", C: 5-1/2" Mfg. #GW-215/40/8.

**#290-346** ..... **\$42.92** (1-3) **\$39.74** (4-UP)



### Balboa Series

These woofers provide added versatility over single voice coil woofers by allowing the use of both channels of a stereo amplifier to drive one speaker, and the ability to wire the voice coils in varying configurations. They feature polymer laminated paper cones, treated foam surrounds, and vented pole pieces with bumped back plates. The 6-1/2" woofer features a fully shielded motor! Note: Specifications listed are with voice coils connected in parallel.

#### GW-406D 6-1/2" Shielded DVC Subwoofer

• Power handling: 70 watts RMS/120 watts max • VC<sub>DIA</sub>: 1" • Le: .4 mH • Impedance: 4 ohms • Re: 3.5 ohms • Frequency range: 59-7,000 Hz • Fs: 50 Hz • SPL: 91.3 dB 2.83V/1m • V<sub>AS</sub>: .47 cu. ft. • Q<sub>MS</sub>: 4.13 • Q<sub>ES</sub>: .75 • Q<sub>TS</sub>: .63 • X<sub>MAX</sub>: 2 mm • Dimensions: A: 6-1/2", B: 5-5/8", C: 3-5/16".

**#290-352** ..... **\$13.71** (1-3) **\$12.30** (4-UP)



#### GW-408D 8" DVC Subwoofer

• Power handling: 100 watts RMS/220 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .5 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 44-3,000 Hz • Fs: 51 Hz • SPL: 91 dB 2.83V/1m • V<sub>AS</sub>: .73 cu. ft. • Q<sub>MS</sub>: 4.46 • Q<sub>ES</sub>: .75 • Q<sub>TS</sub>: .64 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 8", B: 7-1/8", C: 3-5/8".

**#290-357** ..... **\$20.73** (1-3) **\$18.50** (4-UP)



#### GW-410D 10" DVC Subwoofer

• Power handling: 110 watts RMS/220 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .3 mH • Impedance: 3 ohms • Re: 1.8 ohms • Frequency range: 41-2,000 Hz • Fs: 40 Hz • SPL: 96 dB 2.83V/1m • V<sub>AS</sub>: 2.00 cu. ft. • Q<sub>MS</sub>: 6.17 • Q<sub>ES</sub>: .68 • Q<sub>TS</sub>: .61 • X<sub>MAX</sub>: 3.0 mm • Dimensions: A: 10", B: 9-1/8", C: 4-1/2".

**#290-362** ..... **\$24.29** (1-3) **\$21.80** (4-UP)



#### GW-412D 12" DVC Subwoofer

• Power handling: 130 watts RMS/260 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .5 mH • Impedance: 4 ohms • Re: 3.4 ohms • Frequency range: 33-1,500 Hz • Fs: 38 Hz • SPL: 94 dB 2.83V/1m • V<sub>AS</sub>: 3.83 cu. ft. • Q<sub>MS</sub>: 5.76 • Q<sub>ES</sub>: .83 • Q<sub>TS</sub>: .73 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 12", B: 11", C: 5-3/16".

**#290-367** ..... **\$35.91** (1-3) **\$32.00** (4-UP)

