

## Delmar Series

The Delmar Series was designed for small, sealed enclosures and is available in 4 ohm and 8 ohm versions for automotive and home audio applications. The woofers handle the most powerful of amplifiers while maintaining sonic excellence. They feature aluminum die-cast frames, knurled and gold-plated binding posts, rubber surrounds, and vented pole pieces with bumped back plates.

### 6-1/2" Woofer

**#290-306:** • Power handling: 110 watts RMS/150 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: 2.1 mH • Impedance: 8 ohms • Re: 7.4 ohms • Frequency range: 46-3,000 Hz • Fs: 59 Hz • SPL: 87 dB 2.83V/1m • V<sub>AS</sub>: .27 cu. ft. • Q<sub>MS</sub>: 6.31 • Q<sub>ES</sub>: .50 • Q<sub>TS</sub>: .46 • X<sub>MAX</sub>: 4.0 mm • Dimensions: A: 6-7/8", B: 6-1/8", C: 5-7/8".



**#290-307:** All specs the same except: • Le: .90 mH • Impedance: 4 ohms • Re: 3.7 ohms • Fs: 46 Hz • SPL: 85.1 dB 2.83V/1m • V<sub>AS</sub>: .35 cu. ft. • Q<sub>ES</sub>: .97 • Q<sub>TS</sub>: .87.

**#290-306** (8 ohm GW-6PC/8)

**#290-307** (4 ohm GW-6PC/4) ..... **\$27.89** (1-3) **\$25.44** (4-UP)

### 8" Woofer

**#290-312:** • Power handling: 140 watts RMS/270 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: 1.2 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 40-4,000 Hz • Fs: 44 Hz • SPL: 91 dB 2.83V/1m • V<sub>AS</sub>: .75 cu. ft. • Q<sub>MS</sub>: 5.95 • Q<sub>ES</sub>: .49 • Q<sub>TS</sub>: .45 • X<sub>MAX</sub>: 3.55 mm • Dimensions: A: 8-3/16", B: 7-3/16", C: 4-3/16".



**#290-314:** All specs the same except: • Le: .99 mH • Impedance: 8 ohms • Re: 7.24 • Fs: 55 Hz • SPL: 88 dB 2.83V/1m • V<sub>AS</sub>: .51 cu. ft. • Q<sub>ES</sub>: .62 • Q<sub>TS</sub>: .56.

**#290-312** (4 ohm GW-8PC/4)

**#290-314** (8 ohm GW-8PC/8) ..... **\$36.82** (1-3) **\$34.71** (4-UP)

### 10" Woofer

**#290-322:** • Power handling: 140 watts RMS/270 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: 1.4 mH • Impedance: 4 ohms • Re: 3.8 ohms • Frequency range: 40-2,500 Hz • Fs: 45 Hz • SPL: 93 dB 2.83V/1m • V<sub>AS</sub>: 1.12 cu. ft. • Q<sub>MS</sub>: 4.50 • Q<sub>ES</sub>: .45 • Q<sub>TS</sub>: .40 • X<sub>MAX</sub>: 3.55 mm • Dimensions: A: 10-1/4", B: 9-1/4", C: 4-7/8".



**#290-324:** All specs the same except: • Le: 1.85 mH • Impedance: 8 ohms • Re: 7.22 ohms • SPL: 90.4 dB 2.83V/1m • Q<sub>ES</sub>: .52 • Q<sub>TS</sub>: .47.

**#290-322** (4 ohm GW-10PC/4)

**#290-324** (8 ohm GW-10PC/8) ..... **\$49.81** (1-3) **\$46.30** (4-UP)

### 12" Woofer

**#290-332:** • Power handling: 140 watts RMS/270 watts max • VC<sub>DIA</sub>: 2.0" • Le: 1.7 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 32-2,000 Hz • Fs: 32 Hz • SPL: 93 dB 2.83V/1m • V<sub>AS</sub>: 2.79 cu. ft. • Q<sub>MS</sub>: 3.85 • Q<sub>ES</sub>: .44 • Q<sub>TS</sub>: .39 • X<sub>MAX</sub>: 3.55 mm • Dimensions: A: 12-1/4", B: 11-1/8", C: 5-3/8".



**#290-334:** All specs the same except: • Le: 2.06 mH • Impedance: 8 ohms • Re: 7.14 ohms • SPL: 89.7 dB 2.83V/1m • Q<sub>ES</sub>: .56 • Q<sub>TS</sub>: .49.

**#290-332** (4 ohm GW-12PC/4)

**#290-334** (8 ohm GW-12PC/8) ..... **\$62.48** (1-3) **\$57.88** (4-UP)

### 15" Woofer

**#290-336:** • Power handling: 200 watts RMS/400 watts max • VC<sub>DIA</sub>: 2" • Le: 2.4 mH • Impedance: 4 ohms • Re: 3.7 ohms • Frequency range: 30-1,500 Hz • Fs: 33 Hz • SPL: 95 dB 2.83V/1m • V<sub>AS</sub>: 4.42 cu. ft. • Q<sub>MS</sub>: 3.40 • Q<sub>ES</sub>: .49 • Q<sub>TS</sub>: .43 • X<sub>MAX</sub>: 3.5 mm • Dimensions: A: 15-1/4", B: 13-7/8", C: 6-1/2".



**#290-338:** All specs the same except: • Le: 2.5 • Impedance: 8 ohms • Re: 7.11 ohms • SPL: 92.3 dB 2.83V/1m • V<sub>AS</sub>: 5.40 cu. ft. • Q<sub>MS</sub>: 3.59 • Q<sub>ES</sub>: .55 • Q<sub>TS</sub>: .47.

**#290-336** (4 ohm GW-15PC/4)

**#290-338** (8 ohm GW-15PC/8) ..... **\$86.46** (1-3) **\$80.45** (4-UP)

# Speaker Building

## Drivers

### Malibu Series

Butyl rubber surrounds are superior to foam in two important ways. First, the butyl rubber resists moisture and will not dry rot, providing years of service. Second, the rubber surround, due to its superior damping characteristics, will greatly reduce cone break up and ensure low distortion. These woofers are ideal for replacing and upgrading old, worn out drivers. They all feature a polypropylene cone, vented pole piece, foam gasket, soft poly dust cap, and stamped steel frame.



### 6-1/2" Woofer

**#290-350:** • Power handling: 60 watts RMS/85 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .26 mH • Impedance: 8 ohms • Re: 7.3 • Frequency range: 55-3,000 Hz • Fs: 58 Hz • SPL: 85 dB 1W/1m • V<sub>AS</sub>: .41 cu. ft. • Q<sub>MS</sub>: 3.47 • Q<sub>ES</sub>: 1.15 • Q<sub>TS</sub>: .86 • X<sub>MAX</sub>: 4.4 mm • Dimensions: A: 6-1/2", B: 5-5/8", C: 3-1/4".



**#290-351:** All specs the same except: • Le: .40 mH • Impedance: 4 ohms • Re: 3.6 ohms • Fs: 54 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: .42 cu. ft. • Q<sub>MS</sub>: 3.05 • Q<sub>ES</sub>: .71 • Q<sub>TS</sub>: .57.

**#290-350** (8 ohm GW-6028)

**#290-351** (4 ohm GW-6024) ..... **\$20.96** (1-3) **\$18.80** (4-UP)

### 8" Woofer

**#290-355:** • Power handling: 65 watts RMS/90 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .28 mH • Impedance: 8 ohms • Re: 7.2 ohms • Frequency range: 35-2,500 Hz • Fs: 39 Hz • SPL: 85 dB 1W/1m • V<sub>AS</sub>: 1.39 cu. ft. • Q<sub>MS</sub>: 4.07 • Q<sub>ES</sub>: 1.23 • Q<sub>TS</sub>: .94 • X<sub>MAX</sub>: 4.6 mm • Dimensions: A: 8", B: 7-1/4", C: 3-5/8".



**#290-356:** All specs the same except: • Le: .40 mH • Impedance: 4 ohms • Re: 3.7 ohms • Fs: 44 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: 1.08 cu. ft. • Q<sub>MS</sub>: 3.42 • Q<sub>ES</sub>: .93 • Q<sub>TS</sub>: .73.

**#290-355** (8 ohm GW-8028)

**#290-356** (4 ohm GW-8024) ..... **\$22.69** (1-3) **\$20.63** (4-UP)

### 10" Woofer

**#290-360:** • Power handling: 80 watts RMS/115 watts max • VC<sub>DIA</sub>: 1-1/2" • Le: .5 mH • Impedance: 8 ohms • Re: 7.2 ohms • Frequency range: 30-2,000 Hz • Fs: 33 Hz • SPL: 86 dB 1W/1m • V<sub>AS</sub>: 3.19 cu. ft. • Q<sub>MS</sub>: 4.34 • Q<sub>ES</sub>: 1.45 • Q<sub>TS</sub>: 1.09 • X<sub>MAX</sub>: 4.6 mm • Dimensions: A: 10", B: 9-1/8", C: 4-1/2".



**#290-361:** All specs the same except: • Le: .40 mH • Impedance: 4 ohms • Re: 3.5 ohms • Fs: 34 Hz • SPL: 90 dB 2.83V/1m • V<sub>AS</sub>: 2.87 cu. ft. • Q<sub>MS</sub>: 4.39 • Q<sub>ES</sub>: 1.10 • Q<sub>TS</sub>: .88.

**#290-360** (8 ohm GW-1038)

**#290-361** (4 ohm GW-1034) ..... **\$37.50** (1-3) **\$33.93** (4-UP)

### 12" Woofer

**#290-365:** • Power handling: 100 watts RMS/140 watts max • VC<sub>DIA</sub>: 2" • Le: .59 mH • Impedance: 8 ohms • Re: 7.1 ohms • Frequency response: 30-1,500 Hz • Fs: 33 Hz • SPL: 87 dB 1W/1m • V<sub>AS</sub>: 3.42 cu. ft. • Q<sub>MS</sub>: 3.11 • Q<sub>ES</sub>: 1.26 • Q<sub>TS</sub>: .89 • X<sub>MAX</sub>: 5.0 mm • Dimensions: A: 12", B: 11", C: 5-3/16".



**#290-366:** All specs the same except: • Le: .60 mH • Impedance: 4 ohms • Re: 3.6 ohms • Fs: 30 Hz • SPL: 91 dB 2.83V/1m • V<sub>AS</sub>: 4.22 cu. ft. • Q<sub>MS</sub>: 3.30 • Q<sub>ES</sub>: .86 • Q<sub>TS</sub>: .68.

**#290-365** (8 ohm GW-1248)

**#290-366** (4 ohm GW-1244) ..... **\$45.16** (1-3) **\$41.35** (4-UP)