

Speaker Building

Drivers



Morel Classic Advanced Series Tweeters

CAT 298 1-1/8" Soft Dome Tweeter

- 104 mm aluminum faceplate
- Replaceable dome/coil assembly
- Ferrofluid-cooled

Very smooth on-and-off-axis frequency response.

- Specifications:** • Power handling: 80 watts RMS/115 watts max • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 5.2 ohms • Frequency range: 1,800-20,000 Hz • Fs: 900 Hz • SPL: 89 dB 1W/1m • Dimensions: A: 4.09", B: 2.83", C: 1.18".



#277-080\$59.99 LIST **\$49.20** (1-3) **\$48.00** (4-UP)

CAT 308 1-1/8" Soft Dome Tweeter

- 104 mm aluminum faceplate
- Large Hexatech™ aluminum voice coil
- Replaceable Acuflex™ dome/coil assembly
- Ferrofluid cooled

A new version of a Morel classic, the CAT 308 is a very fast tweeter capable of high dynamic range without SPL compression.

- Specifications:** • Power handling: 200 watts RMS/280 watts max • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 5.2 ohms • Frequency response: 1,600-20,000 Hz • Fs: 700 Hz • SPL: 90 dB 1W/1m • Dimensions: A: 4.09", B: 2.83", C: 1.81".



#277-082\$84.99 LIST **\$69.60** (1-3) **\$67.90** (4-UP)

CAT 378 1-1/8" Soft Dome Horn Tweeter

- 94 mm horn-loading faceplate
- Large Hexatech™ aluminum voice coil
- Replaceable Acuflex™ dome/coil assembly
- High sensitivity

The magnet assembly is vented into a damped rear chamber to lower resonance and to eliminate "honking" at lower frequencies.

- Specifications:** • Power handling: 200 watts RMS/280 watts max • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 5.2 ohms • Frequency response: 1,800-20,000 Hz • Fs: 700 Hz • SPL: 93 dB 1W/1m • Dimensions: A: 3.70", B: 2.83", C: 2.32".

#277-084\$74.99 LIST **\$61.50** (1-3) **\$60.00** (4-UP)

CAT 408 1-1/8" Compact Soft Dome Tweeter

- 72 mm compact faceplate
- Large Hexatech™ aluminum voice coil
- Neodymium magnet system
- Ferrofluid cooled

The CAT 408 is virtually identical to the superb MDT 39 but with one very important difference: it employs Morel's Hexatech aluminum voice coil technology to improve efficiency and greatly improve power handling (to 120 watts RMS!).

- Specifications:** • Power handling: 120 watts RMS/170 watts max • VC_{DIA}: 1-1/8" • Impedance: 8 ohms • Re: 5.2 ohms • Frequency response: 2,200-20,000 Hz • Fs: 750 Hz • SPL: 89 dB 1W/1m • Dimensions: A: 2.83" x 2.83", B: 1.73", C: 2.36".

#277-086\$89.99 LIST **\$72.30** (1-3) **\$70.60** (4-UP)



Morel Classic Advanced Series Woofers

- Uniflow™ steel chassis
- Large Hexatech aluminum voice coil
- High-flux ferrite double magnet system
- Shallow profile DPC cone
- High power handling



The Classic Advanced line is based on Morel's classic line — the renowned MW series and the famous MDT lines. The woofers feature higher power handling due to the aerodynamic Uniflow™ open chassis, a double magnet system, and lower resonance frequency.

CAW 428 4" Woofer

- Specifications:** • Power handling: 150 watts RMS/800 watts max • VC_{DIA}: 3" • Le: .32 mH • Impedance: 8 ohms • Re: 5.5 ohms • Frequency range: 45-3,000 Hz • Fs: 74 Hz • SPL: 88 dB 1W/1m • V_{AS}: .16 cu. ft. • Q_{MS}: 2.33 • Q_{ES}: .46 • Q_{TS}: .38 • X_{MAX}: 4 mm • Dimensions: A: 4-5/8", B: 3-3/4", C: 2".

#297-080\$119.99 LIST **\$95.71** (1-3) **\$91.15** (4-UP)

CAW 538 5" Woofer

- Specifications:** • Power handling: 150 watts RMS/1,000 watts max • VC_{DIA}: 3" • Le: .47 mH • Impedance: 8 ohms • Re: 5.2 ohms • Frequency range: 35-3,500 Hz • Fs: 49 Hz • SPL: 86 dB 1W/1m • V_{AS}: .29 cu. ft. • Q_{MS}: 1.83 • Q_{ES}: .48 • Q_{TS}: .38 • X_{MAX}: 3 mm • Dimensions: A: 5-1/16", B: 4-3/4", C: 2-9/16".

#297-082\$129.99 LIST **\$113.31** (1-3) **\$107.91** (4-UP)

CAW 638 6" Woofer

- 3" Hexatech™ aluminum voice coil
- Specifications:** • Power handling: 150 watts RMS/1,000 watts max • VC_{DIA}: 3" • Le: .63 mH • Impedance: 8 ohms • Re: 6.4 ohms • Frequency range: 30-5,000 Hz • Fs: 43 Hz • SPL: 86 dB 1W/1m • V_{AS}: .56 cu. ft. • Q_{MS}: 2.20 • Q_{ES}: .58 • Q_{TS}: .46 • X_{MAX}: 4.25 mm • Dimensions: A: 6-5/16", B: 5-1/2", C: 2-3/4".

#297-084\$129.99 LIST **\$122.47** (1-3) **\$116.63** (4-UP)

CAW 938 9" Woofer

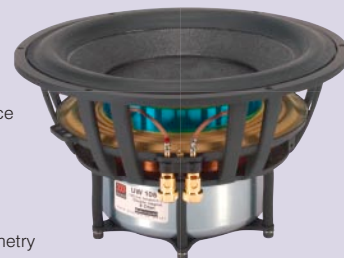
- Specifications:** • Power handling: 150 watts RMS/1,000 watts max • VC_{DIA}: 3" • Le: .61 mH • Impedance: 8 ohms • Re: 6.4 ohms • Frequency range: 20-3,000 Hz • Fs: 31 Hz • SPL: 87 dB 1W/1m • V_{AS}: 2.00 cu. ft. • Q_{MS}: 2.59 • Q_{ES}: .80 • Q_{TS}: .60 • X_{MAX}: 4.25 mm • Dimensions: A: 8-3/4", B: 7-13/16", C: 3".

#297-086\$149.99 LIST **\$136.19** (1-3) **\$129.71** (4-UP)

Morel Ultimate Series Subwoofers

And now...
the Ultimate subwoofer.

- Uniflow™ aluminum diecast chassis
- High-flux double ferrite magnet system
- 5.1" Hexatech™ aluminum voice coil with 1-1/2" winding length
- Very high X_{MAX} for extended bass response
- Accucenter™ self-centering cone assembly
- PFS™ Progression Field Symmetry spider/surround engineering



- UW 1058 Specifications:** • Power handling: 500 watts RMS/750 watts max • VC_{DIA}: 5.1" • Le: 1.33 mH • Impedance: 8 ohms • Re: 6.8 ohms • Frequency range: 20-1,000 Hz • Fs: 26 Hz • SPL: 85.8 dB 1W/1m • V_{AS}: 1.44 cu. ft. • Q_{MS}: 1.72 • Q_{ES}: 0.58 • Q_{TS}: 0.43 • X_{MAX}: 12.5 mm • Dimensions: A: 10.35", B: 9.5", C: 5.84".

- UW 1258 Specifications:** • Power handling: 800 watts RMS/1,200 watts max • VC_{DIA}: 5.1" • Le: 1.33 mH • Impedance: 8 ohms • Re: 6.8 ohms • Frequency range: 20-800 Hz • Fs: 21 Hz • SPL: 87 dB 1W/1m • V_{AS}: 4.89 cu. ft. • Q_{MS}: 1.88 • Q_{ES}: 0.56 • Q_{TS}: 0.43 • X_{MAX}: 12.5 mm • Dimensions: A: 12", B: 10.63", C: 6.07".

#297-130 (UW 1058 10")\$474.99 LIST **\$394.40** (1-3) **\$384.80** (4-UP)

#297-132 (UW 1258 12")\$559.99 LIST **\$467.00** (1-3) **\$455.60** (4-UP)