

# reference series

loudspeakers

multielements

component systems

car audio



## INFINITY® REFERENCE SPEAKERS

Looking for a more moving audio experience? Take Infinity® car audio for a ride. Innovative materials and breakthrough engineering have always put Infinity products out in front of the competition. So expect extreme output from these speakers, but be prepared for accuracy and detail that may surprise you. Infinity Reference Series loudspeakers continue to be the top-selling premium speakers in the world. For instance, the 6-1/2-inch Reference coaxial model has been the number-one-selling car audio multielement speaker for four years straight. With proprietary features such as patent-pending Plus One® cones, true 4-ohm topology, UniPivot™ (patent no. 6,002,780) edge-driven tweeters and the industry-leading Intermount III (patent no. 6,505,705) and I-Mount™ (patent no. 5,859,917) mounting systems, as well as the Starfish™ tweeter-mounting adapter, Reference Series speakers leave the competition scrambling to keep up.

 Infinity®



TEXTILE-DOME TWEETERS  
EDGE-DRIVEN

UNIPIVOT  
TO ENSURE PROPER IMAGING

PLUS ONE  
POLYPROPYLENE WOOFER CONES



### PLUS ONE® CONES

This patent-pending technology delivers a cone with more surface area than that in competing models of the same size. This increase can be as much as 30 percent, depending on the individual speaker model. The benefit is increased bass output and maximized efficiency.

### TRUE 4-OHM TOPOLOGY

All Reference Series speakers include reduced voice-coil impedance to extract the most power possible from any and all amplifiers designed to drive loads of 4 ohms or less. Many factory-installed systems incorporate 2-ohm speakers and include amplifiers designed to drive those loads. Merely replacing those reduced-impedance speakers with conventional 4-ohm models is hardly an upgrade, since the power output from the amplifier will be reduced. True 4-ohm topology addresses this as well.

### EDGE-DRIVEN, TEXTILE-DOME TWEETERS

These are not commonly used W-domes, but fully edge-driven dome tweeters like those found in better home audio speakers. The benefit is increased power handling and reduced distortion at high output levels.

#### 4022i

##### 4" (100mm) Two-Way Loudspeaker

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
2-Ohm impedance  
Sensitivity: 92dB  
Frequency response: 85Hz – 21kHz  
Power handling, RMS: 35 watts  
Power handling, peak: 105 watts

#### 5022i

##### 5-1/4" (130mm) Two-Way Loudspeaker

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter with UniPivot™ (patent no. 6,002,780)  
2-Ohm impedance  
Sensitivity: 92dB  
Frequency response: 67Hz – 21kHz  
Power handling, RMS: 45 watts  
Power handling, peak: 135 watts

#### 6022i

##### 6-1/2" (160mm) Two-Way Loudspeaker

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter with UniPivot™ (patent no. 6,002,780)  
Intermount III (patent no. 6,505,705) woofer-mounting system  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 53Hz – 21kHz  
Power handling, RMS: 60 watts  
Power handling, peak: 180 watts

#### 6022si

##### 6-1/2" (160mm) Two-Way Shallow-Mount Loudspeaker

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
Intermount III (patent no. 6,505,705) woofer-mounting system  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 53Hz – 21kHz  
Power handling, RMS: 50 watts  
Power handling, peak: 150 watts

#### 9622i

##### 6" x 9" Two-Way Loudspeaker

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter with UniPivot™ (patent no. 6,002,780)  
2-Ohm impedance  
Sensitivity: 94dB  
Frequency response: 46Hz – 21kHz  
Power handling, RMS: 100 watts  
Power handling, peak: 300 watts





9623i

**6" x 9" Three-Way Loudspeaker**

Plus One® (patent pending) woofer cone  
Textile-dome midrange and edge-driven, textile-dome tweeter  
2-Ohm impedance  
Sensitivity: 94dB  
Frequency response: 46Hz – 21kHz  
Power handling, RMS: 100 watts  
Power handling, peak: 300 watts

3022cf

**3-1/2" (87mm) Two-Way Loudspeaker**

Plus One® (patent pending) woofer cone  
Balanced-dome tweeter  
2-Ohm impedance  
Sensitivity: 91dB  
Frequency response: 85Hz – 21kHz  
Power handling, RMS: 25 watts  
Power handling, peak: 90 watts

6422cf

**4" x 6" Two-Way Loudspeaker**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
OEM replacement – fits GM, Nissan  
2-Ohm impedance  
Sensitivity: 91dB  
Frequency response: 72Hz – 21kHz  
Power handling, RMS: 40 watts  
Power handling, peak: 120 watts

components



6422cfp

**4" x 6" Two-Way Plate Loudspeaker**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
2-Ohm impedance  
Sensitivity: 91dB  
Frequency response: 72Hz – 21kHz  
Power handling, RMS: 45 watts  
Power handling, peak: 135 watts

6822cf

**6" x 8"/5" x 7" Two-Way Loudspeaker**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter with UniPivot™ (patent no. 6,002,780)  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 49Hz – 21kHz  
Power handling, RMS: 60 watts  
Power handling, peak: 180 watts

5020cs

**5-1/4" (130mm) Two-Way Component System**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
I-Mount™ (patent no. 5,859,917) tweeter kit with Starfish™ OEM adapter  
Outboard passive crossovers with tweeter-level adjustment  
2-Ohm impedance  
Sensitivity: 92dB  
Frequency response: 67Hz – 21kHz  
Power handling, RMS: 75 watts  
Power handling, peak: 225 watts

6820cs

**6" x 8"/5" x 7" Two-Way Component System**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
I-Mount™ (patent no. 5,859,917) tweeter kit with Starfish™ OEM adapter  
Outboard passive crossovers with tweeter-level adjustment  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 49Hz – 21kHz  
Power handling, RMS: 90 watts  
Power handling, peak: 270 watts

6020cs

**6-1/2" (160mm) Two-Way Component System**

Plus One® (patent pending) woofer cone  
Edge-driven, textile-dome tweeter  
I-Mount™ (patent no. 5,859,917) tweeter kit with Starfish™ OEM adapter  
Outboard passive crossovers with tweeter-level adjustment  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 53Hz – 21kHz  
Power handling, RMS: 90 watts  
Power handling, peak: 270 watts

1021t

**1" (25mm) Textile-Dome Tweeter**

Edge-driven motor structure  
I-Mount™ (patent no. 5,859,917) tweeter kit with Starfish™ OEM adapter  
In-line crossover network  
2-Ohm impedance  
Sensitivity: 93dB  
Frequency response: 2.5kHz – 21kHz  
Power handling, RMS: 50 watts  
Power handling, peak: 150 watts



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