



Reference Speakers

Extreme-performance automotive coaxial and component speakers



Accurate, high performance sound.

New Reference speakers are designed to deliver Infinity's signature sound in more vehicles. They feature edge-driven textile tweeters for smooth, clear highs and the larger models offer an adjustable tweeter output level control for high-frequency optimization based on installation location or the listener's preference. Oversized Plus One™ woofers offer more surface area for higher bass output and enhanced midrange performance. Plus our newly engineered baskets are optimized to fit most factory speaker locations. Available in a range of standard sizes – 3", 4", 5-1/4", 6-1/2", 6" x 8" and 4" x 6" coaxial, 6" x 9" 3-way, and 5-1/4", 6-1/2", and 6" x 9" component – they're the perfect upgrade from factory speakers.

Features

- ▶ Edge-driven, textile tweeters
- ▶ Adjustable tweeter output level
- ▶ Plus One™ woofer cone architecture
- ▶ Optimized Frame Size
- ▶ Competitive pricing



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Features and Benefits

Edge-driven, textile tweeters

The audiophile-grade tweeters used in Infinity's new Reference speakers deliver smooth, non-fatiguing sound even at high output levels.

Adjustable tweeter output level

The larger Reference multielement and component systems offer a tweeter output level control to optimize system linearity to suit installation location or the listener's preference.

Plus One™ woofer cone architecture

Harman's patented (US patent #7,548,631) Plus One™ cones provide more overall speaker-cone area than other cones in its class – the result is higher sensitivity, increased low-frequency output and accurate music reproduction.

Optimized Frame Size

Reference speakers are available in a range of standard sizes, and feature a compact design that allows them to fit just about any vehicle on the road today.

Competitive pricing

Reference speakers provide step-up Infinity sound at mainstream prices.

What's in the box:

REF 3032cfx

1 pair of coaxial speakers
Foam mounting tape
Owner's manual

REF 4032cfx

1 pair of coaxial speakers
Foam mounting tape
Owner's manual

REF 5032cfx

1 pair of coaxial speakers
Foam mounting tape
Owner's manual

REF 6532ix

1 pair of coaxial speakers
1 pair of speaker grilles
8 large mounting screws
8 speed clips
8 small mounting screws
1 pair of adapter rings
Foam mounting tape
Owner's manual

REF 6532ex

1 pair of shallow-mount coaxial speakers
1 pair of speaker grilles
8 large mounting screws
8 speed clips
8 small mounting screws
1 pair of adapter rings
Foam mounting tape
Owner's manual

REF 6432cfx

1 pair of coaxial speakers
Foam mounting tape
Owner's manual

REF 8632cfx

1 pair of coaxial speakers
Foam mounting tape
Owner's manual

REF 9632ix

1 pair of coaxial speakers
1 pair of speaker grilles
1 pair of spacers
8 mounting screws
8 speed clips
Foam mounting tape
Owner's manual

REF 9633ix

1 pair of 3-way speakers
1 pair of speaker grilles
1 pair of spacers
8 mounting screws
8 speed clips
Foam mounting tape
Owner's manual

REF 5030cx

1 pair of woofers
1 pair of tweeters
1 pair of crossovers
1 pair of tweeter surface mount accessories
1 pair of tweeter flush mount accessories
1 pair of tweeter nuts
1 pair of tweeter flat washers
6 tweeter mounting screws
8 woofer mounting screws
8 crossover mounting screws
8 speed clips
Foam mounting tape
Owner's manual

REF 6530cx

1 pair of woofers
1 pair of tweeters
1 pair of speaker grilles
1 pair of crossovers
1 pair of woofer mounting brackets
1 pair of tweeter surface mount accessories
1 pair of tweeter flush mount accessories
1 pair of tweeter nuts
1 pair of tweeter flat washers
6 tweeter mounting screws
8 woofer mounting screws
8 crossover mounting screws
8 speed clips
Foam mounting tape
Owner's manual

REF 9630cx

1 pair of woofers
1 pair of tweeters
1 pair of speaker grilles
1 pair of crossovers
1 pair of woofer adapter rings
1 pair of tweeter surface mount accessories
1 pair of tweeter flush mount accessories
1 pair of tweeter nuts
1 pair of tweeter flat washers
6 tweeter mounting screws
8 woofer mounting screws
8 crossover mounting screws
8 speed clips
1 pair of spacers
Foam mounting tape
Owner's manual

REF 375tx

1 pair of tweeters
Tweeter surface mount accessories
Tweeter flush mount accessories
Owner's manual



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Technical Specifications:

REF 3032cfx

Description: 3-1/2" (87mm) coaxial car speaker
Power Handling: 25W RMS, 75W peak
Sensitivity (@ 2.83V): 91dB
Frequency Response: 85Hz – 21kHz
Impedance: 3.0 ohms

REF 4032cfx

Description: 4" (100mm) coaxial car speaker
Power Handling: 35W RMS, 105W peak
Sensitivity (@ 2.83V): 92dB
Frequency Response: 75Hz – 21kHz
Impedance: 3.0 ohms

REF 5032cfx

Description: 5-1/4" (130mm) coaxial car speaker
Power Handling: 45W RMS, 135W peak
Sensitivity (@ 2.83V): 92dB
Frequency Response: 67Hz – 21kHz
Impedance: 3.0 ohms

REF 6532ix

Description: 6-1/2" (160mm) coaxial car speaker
Power Handling: 60W RMS, 180W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 53Hz – 21kHz
Impedance: 3.0 ohms

REF 6532ex

Description: 6-1/2" (160mm) shallow-mount coaxial car speaker
Power Handling: 55W RMS, 165W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 57Hz – 21kHz
Impedance: 3.0 ohms

REF 6432cfx

Description: 4" x 6" (100mm x 152mm) coaxial car speaker
Power Handling: 45W RMS, 135W peak
Sensitivity (@ 2.83V): 92dB
Frequency Response: 75Hz – 21kHz
Impedance: 3.0 ohms

REF 8632cfx

Description: 6" x 8" (152mm x 203mm) coaxial car speaker
Power Handling: 60W RMS, 180W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 49Hz – 21kHz
Impedance: 3.0 ohms

REF 9632ix

Description: 6" x 9" (152mm x 230mm) coaxial car speaker
Power Handling: 100W RMS, 300W peak
Sensitivity (@ 2.83V): 94dB
Frequency Response: 46Hz – 20kHz
Impedance: 3.0 ohms

REF 9633ix

Description: 6" x 9" (152mm x 230mm) 3-way car speaker
Power Handling: 100W RMS, 300W peak
Sensitivity (@ 2.83V): 94dB
Frequency Response: 46Hz – 30kHz
Impedance: 3.0 ohms

REF 5030cx

Description: 5-1/4" (130mm) component speaker system
Power Handling: 65W RMS, 195W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 67Hz – 21kHz
Impedance: 3.0 ohms

REF 6530cx

Description: 6-1/2" (160mm) component speaker system
Power Handling: 90W RMS, 270W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 53Hz – 21kHz
Impedance: 3.0 ohms

REF 9630cx

Description: 6" x 9" (152mm x 230mm) component speaker system
Power Handling: 125W RMS, 375W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 46Hz – 21kHz
Impedance: 3.0 ohms

REF 375tx

Description: 3/4" (19mm) tweeter component speaker
Power Handling: 45W RMS, 135W peak
Sensitivity (@ 2.83V): 93dB
Frequency Response: 2.5kHz – 21kHz
Impedance: 3.0 ohms

