



Reference Speakers

Series of coaxial and component speaker systems



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 optimization based on installation location. Oversized Patented Plus One™ woofers offer more surface area for higher bass output and enhanced midrange performance. Plus our newly engineered basket is optimized to fit most factory openings. 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



Features and Benefits

Edge-driven, textile tweeters

The tweeters in Infinity Reference speakers play smooth, never-harsh regardless of output level.

Adjustable tweeter output level

The larger Reference coaxial models and the component systems offer a tweeter output level control of 0dB or +3dB to optimize system linearity based on installation location.

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 greater musical character.

Optimized Frame Size

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

Competitive pricing

Reference speakers provide signature Infinity sound at affordable prices.

What's in the box:

REF-3022cfx

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

REF-4022cfx

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

REF-5022cfx

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

REF-6522ix

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-6522ex

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-6422cfx

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

REF-8622cfx

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

REF-9622ix

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-9623ix

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-5020cx

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-6520cx

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-9620cx

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-275tx

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



Reference Speakers

Series of coaxial and component speaker systems

Technical Specifications:

REF-3022cfx

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-4022cfx

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-5022cfx

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-6522ix

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-6522ex

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-6422cfx

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-8622cfx

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-9622ix

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-9623ix

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-5020cx

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-6520cx

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-9620cx

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-275tx

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

