

Infinity Primus® Series

Premium automotive speakers



Primus for Automotive

Infinity® innovation brings home-audio fidelity to the car

The premium Infinity® brand carries a strong background in high fidelity sound reproduction built on solid engineering. Infinity engineers now bring popular sonic attributes of the successful Primus Series home speakers to an automotive speaker line. Primus Series premium automotive speakers are nothing short of classic Infinity performance, only engineered for the environment and conditions in today's cars. Using the patented Plus One® woofer cone technology and rugged construction materials like butyl rubber surrounds and textile tweeter diaphragms, the Primus Series automotive speakers are the ideal upgrade to any car's audio system. The most popular sizes are covered, including a component separate set with woofer, tweeter and passive crossover. Even the speaker wire is included. They're exceptional value. There is nothing left to do but install and enjoy the sound from the Primus Series premium automotive speakers.

Highlights

Popular speaker sizes and types – The Infinity Primus Series has three distinctly popular speaker choices that meet the needs of most upgrades. 6-1/2" (165mm) coaxial and 6" x 9" three-way speakers as well as a component 6-1/2" and 1" tweeter set comprise the Primus Series line. Upgrade an existing system's performance by simply replacing its speakers with Primus Series speakers. It's easy to hear the improvement.

Plus One woofer cones – Patented technology to deliver more diaphragm area than other speakers in the same size class (patent no. 7,548,631 B2). Speakers featuring Plus One cones move more air, thus playing louder and overcoming the inherent road noise in a car. By radiating more air effectively, the speaker performs as if it were a larger model usually associated with better low frequency response.

Edge-driven, textile-dome tweeter – The Primus Series' tweeter in both the 6" x 9" three-way and component speaker models features greater power handling and lower distortion than conventional tweeters. This allows a richer level of detail in high frequencies and, in particular, vocal clarity that is lifelike.

Infinity Primus Series premium automotive speakers benefit from every Infinity innovation that has come before, both in home and automotive loudspeakers. The Primus Series also embodies everything the brand has learned about making captivating sound affordable.

True 4 ohms – All Primus Series speakers feature 3-ohm voice coils to ensure the best performance from an upgrade to a factory audio system. By ensuring the safe 3-ohm load along with associated wiring and connections, the power delivered to the speakers is right on target with peak system performance and reliability. Get all the power you've paid for.

Component tweeter mounting – The component tweeter in the Primus Series component speaker set offers a variety of mounting configurations to ease the installation and optimize the tweeter's output path. With surface-mount or flush-mount options and angle adjustments, the attractive Primus Series tweeter can be placed higher up in the car without sacrificing any cosmetic integrity of the interior.

Dedicated passive crossover network – The 6-1/2" woofer and 1" tweeter component separates in the Primus Series utilize a dedicated first-order passive crossover network to provide more exact filtering of the duties between the woofer and tweeter. It also helps to increase the power handling. Small housing makes for easy installation.

Primus for Automotive

Infinity® innovation brings home-audio fidelity to the car



Key Features

All Primus Series Speakers

- Home-audio quality sound in the car
- Vented motor assembly for better cooling
- Plus One patented cone technology
- Wide frequency response (up to 21kHz)
- High sensitivity (93-94dB @ 2.83V/1m)
- 3-ohm nominal impedance
- Works well with low or high power input
- Speaker wire included
- Attractive cosmetic design
- Engineered by the Infinity experts

Primus Series Components

- 6-1/2" (165mm) woofer
- 1" (25.4mm) fabric dome tweeter
- Dedicated 6dB/octave two-way HP/LP passive crossover
- Increased power handling over coaxial versions
- Flexible tweeter mounting for increased performance

Primus Series 6" x 9" Coaxial

- Super tweeter for added high frequency performance

Technical Specifications

PR6502is

Type: 6-1/2" (165mm) two-way car audio loudspeaker
Balanced PEI coaxially mounted tweeter
Peak power handling: 280W
Power handling, continuous average: 70W RMS
Recommended amplifier RMS power range: 5W – 125W
Frequency response: 53Hz – 21kHz
Nominal impedance: 3 ohms
Sensitivity (2.83V/1m): 93dB

PR9603is

Type: 6" x 9" three-way car audio loudspeaker
Edge-driven fabric dome main tweeter with super tweeter
Peak power handling: 360W
Power handling, continuous average: 90W RMS
Recommended amplifier RMS power range: 5W – 200W
Frequency response: 46Hz – 21kHz
Nominal impedance: 3 ohms
Sensitivity (2.83V/1m): 94dB

PR6500cs

Type: 6-1/2" (165mm) two-way car audio component loudspeaker system with 6dB/octave HP/LP passive crossover and edge-driven fabric dome tweeter
Peak power handling: 320W
Power handling, continuous average: 80W RMS
Recommended amplifier RMS power range: 5W – 200W
Frequency response: 53Hz – 21kHz
Nominal impedance: 3 ohms
Sensitivity (2.83V/1m): 93dB