

# ALPHA Speakers Attractive-priced multi-element speakers and component systems engineered to accommodate nearly all applications, environments and budgets.





# Alpha by Infinity: Car Audio with Attitude.

New Alpha Series speakers make signature Infinity performance remarkably inexpensive. Injection-molded Polypropylene woofers provide a strong foundation of bass and midrange frequencies, and PEI Balanced dome tweeters complete the full-range sound with crisp, high-end frequencies. Speakers are remarkably transparent at the top with vocals, horns and strings and deliver big bass with plenty of slam. There are Five Alpha models for easy installation in any vehicle, whether it's a truck, compact or limo. In addition to passing demanding reliability and environmental testing, all speakers are individually voiced by some of the world's best transducer engineers to authenticate the Infinity sound.

## Features

- Injection-molded polypropylene cone
- NEW Infinity ID design
- Competitively Tuned
- Rigid Reliability Testing
- Value Engineered



# PHA Speakers

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# **Features and Benefits**

#### Injection-molded polypropylene cone

The polypropylene woofer cone in Alpha speakers is engineered for superior rigidity and sensitivity. The result is increased low-frequency output and richer, more robust musical character.

#### **NEW Infinity ID design**

The new Infinity Alpha speaker has more elegant ID design for young audio junkies who desire an upgrade to their factory sound and style.

#### **Competitively Tuned**

Infinity employs second order filters for tweeters and sophisticated two-way crossovers for multi-element speakers and component systems resulting in higher power handling and added flexibility and accuracy when tuning speakers. A higher quality crossover allows Infinity's wizards to consider speaker acoustic characteristics as well as specifications when tuning the Infinity sound.

#### **Rigid Reliability Testing**

Infinity Alpha series speakers have to go through environmental testing that would destroy other speakers. Infinity freezes them, bakes them, shakes them, blasts them with ultraviolet light and drives them at full power for days at a time.

### Value Engineered

With the goal of providing access to great Infinity sound at an affordable price, our engineers valued engineered the Alpha Series speakers to deliver great sound at an affordable price.

## What's in the box:

#### Alpha 6520

- 2 x Speakers 2 x Grilles 8 x Screws 8 x Speed clips 2 x Infinity logo badge

#### Alpha 6930

#### Alpha 6530

#### Alpha 650C

- 8 x Speed clips 2 x Crossovers 2 x Tweeters

#### Alpha 4020



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## **Technical Specifications:**

#### Alpha 6520

6-1/2" (160mm) 2-way coaxial car speaker Power Handling: 40Wrms, 280W peak Sensitivity (@ 2.83V): 91dB Frequency Response: 55Hz – 20kHz Nominal Impedance: 4 ohms

### Alpha 6930

6" x 9" (152mm x 230mm) 3-way coaxial car speaker Power Handling: 70Wrms, 490W peak Sensitivity (@ 2.83V): 92dB Frequency Response: 50Hz – 21kHz Nominal Impedance: 4 ohms

#### Alpha 6530

6-1/2" (160mm) 3-way coaxial car speaker Power Handling: 40Wrms, 290W peak Sensitivity (@ 2.83V): 91dB Frequency Response: 55Hz – 20kHz Nominal Impedance: 4 ohms

#### Alpha 650C

6-1/2" (165mm) 2-way component system car speaker Power Handling: 45Wrms, 315W peak Sensitivity (@ 2.83V): 91dB Frequency Response: 55Hz – 20kHz Impedance: 4 ohms

#### Alpha 4020

4" (100mm) 2-way coaxial car speaker Power Handling: 25Wrms, 175W peak Sensitivity (@ 2.83V): 88dB Frequency Response: 75Hz – 20kHz Nominal Impedance: 4 ohms



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