

kappa® series

loudspeakers
multielements
component systems

car audio



INFINITY® KAPPA® 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's. So expect extreme output from us. But be prepared for accuracy and detail that may surprise you. The Kappa Line of premium loudspeakers – which incorporates the very best in high-end design and proven technology – has long been one of the world's most recognized and admired.

 Infinity®



New Kappa loudspeakers take car audio speaker technology to a whole new level with features such as Plus One® (patent pending) cones; true-four-ohm topology; UniPivot™ (patent no. 6,002,780) edge-driven tweeters; and industry-leading mounting systems, including Intermount III (patent no. 6,505,705) and I-Mount™ (patent no. 5,859,917), and the Starfish™ tweeter-mounting adapter. With all this technology in a single speaker series, it's no wonder our competitors are scrambling to keep up.

For years, the design of upscale car audio speakers has been loosely based on the design of at-home speaker systems, where amplifiers are big and power is plentiful. The audio systems in new cars are different. Almost all new systems include two-ohm speakers and small, efficient amplifiers or head units designed to drive them. Replacing those two-ohm factory speakers with four-ohm models cuts the available power in half, and that's no upgrade. Kappa speakers are optimized for these new systems and work beautifully with old-school aftermarket gear, too.



32.9cf

3-1/2" Two-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
MMD®-dome tweeter
True 4-ohm
Direct-connect crossover dangle
Impedance: 2 ohms
Sensitivity: 92dB
Frequency response: 85Hz – 25kHz
Power handling, RMS: 35 watts
Power handling, Peak: 105 watts

42.9i

4" Two-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
True 4-ohm
Direct-connect crossover dangle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 93dB
Frequency response: 75Hz – 25kHz
Power handling, RMS: 50 watts
Power handling, Peak: 150 watts

52.9i

5-1/4" Two-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
with UniPivot™ (patent no. 6,002,780)
True 4-ohm
Direct-connect crossover dangle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 94dB
Frequency response: 55Hz – 25kHz
Power handling, RMS: 55 watts
Power handling, Peak: 165 watts

62.9i

6-1/2" Two-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
with UniPivot™ (patent no. 6,002,780)
True 4-ohm
Direct-connect crossover dangle
Tweeter-level adjustment on tweeter
Intermount III (patent no. 6,505,705) woofer
mounting system
Impedance: 2 ohms
Sensitivity: 95dB
Frequency response: 45Hz – 25kHz
Power handling, RMS: 75 watts
Power handling, Peak: 225 watts



62.9is

6-1/2" Two-Way Shallow Mount Loudspeaker

- Plus One® (patent pending) woven-glass-fiber woofer cone
- Edge-driven MMD®-dome tweeter
- Direct-connect crossover dongle
- Tweeter-level adjustment on tweeter
- Intermount III (patent no. 6,505,705) woofer mounting system
- Impedance: 2 ohms
- Sensitivity: 94dB
- Frequency response: 45Hz – 25kHz
- Power handling, RMS: 65 watts
- Power handling, Peak: 195 watts



63.9i

6-1/2" Three-Way Loudspeaker

- Plus One® (patent pending) woven-glass-fiber woofer cone
- MMD®-dome midrange and UHF tweeter
- Direct-connect crossover dongle
- Tweeter-level adjustment on tweeter
- Impedance: 2 ohms
- Sensitivity: 95dB
- Frequency response: 45Hz – 30kHz
- Power handling, RMS: 75 watts
- Power handling, Peak: 225 watts



652.9i

165mm Two-Way Loudspeaker

- Plus One® (patent pending) woven-glass-fiber woofer cone
- Edge-driven MMD®-dome tweeter with UniPivot™ (patent no. 6,002,780)
- Direct-connect crossover dongle
- Tweeter-level adjustment on tweeter
- Impedance: 2 ohms
- Sensitivity: 95dB
- Frequency response: 45Hz – 25kHz
- Power handling, RMS: 75 watts
- Power handling, Peak: 225 watts

Installation of Kappa speakers is easy, thanks to a new crossover dongle, that is permanently connected to the speaker's terminals at the factory. No special tools or connectors are required to connect standard Kappa speakers to the car's wiring. Additionally, Kappa speakers include frames designed to fit most factory speaker locations without modification.

Kappa Series Speakers also include Plus One cone technology, which delivers a cone with more surface area than competing models of the same size. This increase can be as much as 30%, depending on the individual speaker model. The benefit is increased bass output and increased efficiency.

UNIPIVOT
TO ENSURE
PROPER IMAGING

TWEETER
LEVEL CONTROL





692.9i

6" x 9" Two-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter with UniPivot™ (patent no. 6,002,780)
Direct-connect crossover dongle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 96dB
Frequency response: 35Hz – 25kHz
Power handling, RMS: 110 watts
Power handling, Peak: 330 watts



693.9i

6" x 9" Three-Way Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
MMD®-dome midrange and UHF tweeter
Direct-connect crossover dongle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 96dB
Frequency response: 35Hz – 30kHz
Power handling, RMS: 110 watts
Power handling, Peak: 330 watts



462.9 cfp

4" x 6" Two-Way Plate Loudspeaker

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
Direct-connect crossover dongle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 94dB
Frequency response: 75Hz – 25kHz
Power handling, RMS: 60 watts
Power handling, Peak: 180 watts



682.9 cf

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

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter with UniPivot™ (patent no. 6,002,780)
Direct-connect crossover dongle
Tweeter-level adjustment on tweeter
Impedance: 2 ohms
Sensitivity: 94dB
Frequency response: 40Hz – 25kHz
Power handling, RMS: 100 watts
Power handling, Peak: 300 watts

All Kappa Series speakers are "true four-ohm" – they include reduced voice-coil impedance designed to extract the most power possible from all amplifiers engineered to drive loads of four ohms or less. Many factory-installed systems incorporate two-ohm speakers and include amplifiers designed to drive those loads. Replacing those reduced-impedance speakers with four-ohm models is hardly an upgrade, since the power output from the amplifier will be reduced. True-four-ohm addresses this as well.

Other features – An ultra-wideband UHF soft-dome tweeter is used on the component systems for accurate music reproduction from 25kHz up to 35kHz.

Edge-driven-MMD® dome tweeters are used. 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.

A new ceramic woofer motor with a much longer voice coil for drastically reduced distortion at high listening levels (up to 15dB less!) is used. This results in a much tighter and better sounding bass.



50.9cs

5-1/4" Two-Way Component System

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
Outboard passive crossover
with air core inductors and poly caps
I-Mount™ (patent no. 5,859,917)
tweeter kit with Starfish™ OEM adapter
Tweeter-level adjustment
Impedance: 2 ohms
Sensitivity: 93dB
Frequency response: 55Hz – 25kHz
Power handling, RMS: 85 watts
Power handling, Peak: 255 watts

60.9cs

6-1/2" Two-Way Component System

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
Outboard passive crossover
with air core inductors and poly caps
I-Mount™ (patent no. 5,859,917)
tweeter kit with Starfish™ OEM adapter
Intermount III (patent no. 6,505,705)
woofer-mounting system
Tweeter-level adjustment
Impedance: 2 ohms
Sensitivity: 95dB
Frequency response: 45Hz – 25kHz
Power handling, RMS: 90 watts
Power handling, Peak: 270 watts

680.9cs

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

Plus One® (patent pending)
woven-glass-fiber woofer cone
Edge-driven MMD®-dome tweeter
Outboard passive crossover
with air core inductors and poly caps
I-Mount™ (patent no. 5,859,917)
tweeter kit with Starfish™ OEM adapter
Tweeter-level adjustment
Impedance: 2 ohms
Sensitivity: 93dB
Frequency response: 45Hz – 25kHz
Power handling, RMS: 90 watts
Power handling, Peak: 270 watts

10.9t

1" Textile Tweeter

Edge-driven motor structure
I-Mount™ (patent no. 5,859,917)
tweeter kit with Starfish™ OEM adapter
Outboard passive crossover
with air core inductors and poly caps
Impedance: 2 ohms
Sensitivity: 93dB
Frequency response: 2.5Hz – 25kHz
Power handling, RMS: 50 watts
Power handling, Peak: 150 watts
with supplied crossover

