

PREMIUM SURROUND SOUND WITH A KICK



INFINITY LOGIC 7[®] PREMIUM AUDIO
IN THE 2013 HYUNDAI SANTA FE SPORT



A PASSION FOR MUSIC

CUTTING EDGE TECHNOLOGIES

From the brand's first servo-controlled woofers in 1968 to today's innovative audio systems for home, marine and automotive, Infinity is renowned for performance, technology and design. Using advanced materials, such as metal-cone speakers, high-performance digital architectures, including Logic 7® surround sound, and award-winning designs, Infinity audio solutions are at the cutting edge.

UNPRECEDENTED TESTING

In order to develop these pioneering systems, Infinity maintains state-of-the-art laboratories for advanced research and product development. Beyond this world-class engineering, however, Infinity also conducts comprehensive tests for listening preferences, including unprecedented double-blind tests. This humanistic approach helps to ensure that Infinity audio products are created based on a passion for music and a commitment to delivering an unparalleled listening experience.

THE INFINITY/HYUNDAI PARTNERSHIP

Infinity's 15-year partnership with the Hyundai Motor Company has resulted in the development of customer-pleasing audio systems for a wide range of Hyundai vehicles, including systems in the Hyundai Santa Fe since 2006. The latest product of this cooperative relationship is the Infinity Logic 7 Surround Sound system available in the versatile, all-new 2013 Hyundai Santa Fe Sport.



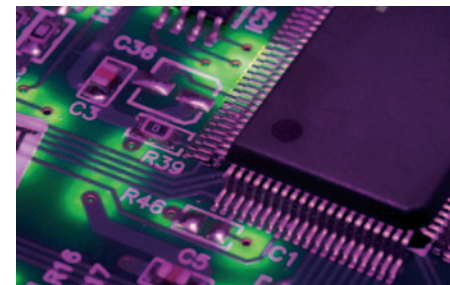
POWERFUL AMPLIFICATION

The Infinity Logic 7 Surround Sound System features a powerful 11-channel amplifier, with each channel capable of producing 50 Watts from 20Hz to 20,000Hz at 10 percent Total Harmonic Distortion (THD).



LOW-DISTORTION SPEAKER DESIGN

The latest generation of Metal Matrix Diaphragm (MMD®) construction is utilized in the system's woofers, tweeters and midrange speakers for lower distortion and extended frequency response. In addition, a 200mm Dual Voice Coil subwoofer supplies deep, punchy bass with enhanced clarity and reduced distortion.



PROPRIETARY SOFTWARE

Advanced Digital Signal Processing (DSP) is programmed using proprietary software developed by Infinity. DSP provides the equalization, spectral management, time alignment and Logic 7 processing to optimize the listening experience for the acoustic characteristics of the Santa Fe Sport interior.

CUSTOMIZED, HIGH-OUTPUT AUDIO

FINE-TUNED TO THE INTERIOR

Infinity audio engineers worked with Hyundai during the early stages of vehicle development in order to integrate the audio components into the Santa Fe Sport's interior. Once the system architecture was established, the team spent hundreds of hours fine-tuning the audio to the passenger cabin's size and seating configurations. The result is a system that envelops Santa Fe Sport occupants in authentic sound for a rich, thrilling listening experience.

MULTIPLE FORMATS, PERSONALIZED CONTROL

In addition to being able to play a wide range of music formats, the AM/FM/SiriusXM®/CD/HD Radio™ system includes auxiliary and USB input jacks for iPod® and MP3 players, with comprehensive control via the Santa Fe Sport's head unit. Fine tuning is made possible by "clickless" control for volume, balance and fader, plus tone control for bass, midrange and treble. Also standard are speed-dependent volume and equalization, applying a digital filter to frequencies below 200Hz to compensate for road noise.

IMPRESSIVE LOUDSPEAKER ARRAY

Twelve loudspeakers in 10 strategic locations are engineered to deliver:

- Stable, three-dimensional sound imaging for true-to-life acoustics
- High-resolution sound reproduction that renders subtle, pleasing details
- Harmonic richness that fills the Santa Fe Sport's passenger cabin
- Natural dynamics that deliver pure reproduction of the original performance
- Enhanced musicality, with all the emotion and quality of the original source material

A LARGER "SWEET SPOT"

Logic 7, capable of extracting seven channels of output from two-channel stereo or 5.1-channel sources, is based on years of psychoacoustic research. This proprietary Infinity algorithm strikes a delicate balance between channel separation and surround envelopment, distinguishing between primary and background signals, and processing them appropriately. Particularly effective in the enclosed environment of the Santa Fe Sport, Logic 7 transforms the listening area's "sweet spot" into a larger, more engaging space for all vehicle occupants.



A POWERFUL RUSH OF SOUND

INFINITY LOGIC 7 PREMIUM SURROUND SOUND AUDIO IN THE 2013 HYUNDAI SANTA FE SPORT*



The Infinity 12-speaker, 550-Watt** premium audio system includes:

- Two-way bi-amplified front channels that present a wide and stable sound image
- A center channel to help localize the performers and extend the sound stage
- Side channels supplying coaxially mounted two-way woofers/tweeters in the rear doors to enhance the sound presentation to rear-seat passengers
- Surround channels to recreate non-localized spatial cues, and to present a sense of ambience to the listener
- A DVC subwoofer that provides a seamless sonic blend with the left and right woofers, and delivers tight, punchy low-end frequency response



* System available in the Santa Fe Sport 2.0T.

** Each channel is capable of producing 50 watts from 20-20,000Hz at 10% Total Harmonic Distortion.



www.infinitysystems.com

THE INFINITY PROMISE

The Infinity name is renowned worldwide for delivering superior sound reproduction and unsurpassed clarity in a broad range of stylish and functional audio products. Through uncompromising attention to the smallest detail, Infinity audio continues to push the boundaries of uncolored, authentic musical reproduction. Infinity promises a captivating listening experience at home, at work, at play or on the road.



www.hyundaiusa.com

HARMAN

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