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Meridian and Land Rover release the world's first 3D in-car surround music experience for The Range Rover



Press release

Meridian and Land Rover have released a choice of three audio systems including the world's first 3D surround system - for The Range Rover. The fourth generation Range Rover is an evolution of an iconic design. With Land Rover strength at its heart, the all-new model has been engineered from the ground up to be the most capable, most refined Range Rover ever.

The top of the range is the Meridian Signature Reference System, a 1700-Watts, 24-channel stereo/surround system driving 29 loudspeakers mounted around the vehicle cabin, including roof mounted and personal seat-back centre loudspeakers. The system incorporates Meridian Trifield 3D technology to deliver a unique, personal and incredibly realistic experience adding a three-dimensional sense of space.

"We are very proud to reveal the world's first 3D in-car surround system, in the pursuit of delivering the best ever engaging and personal music performance for The Range Rover customers we developed exclusive technologies to set together with Land Rover new standards for the in-car audio industry" Bob Stuart said.

In addition to the Meridian Signature Reference System, customers can choose between the Meridian Sound System, a 380-Watts, 12-channel stereophonic system featuring 13 loudspeakers including a dual-channel

subwoofer, and the Meridian Surround Sound System, a 825-Watts, 16-channel stereo/surround system driving 19 loudspeakers mounted around the vehicle cabin, including co-axial tweeter/midrange drive units in the front centre and rear surround parcel shelf locations. The system uses Meridian Trifield technology, enabling the recreation of a concert-like experience for every occupant.

Key Points for Editors

- Meridian Trifield 3D technology custom-designed for The Range Rover
- Choice of three systems available in The Range Rover
- 380W 12-channels, 13 loudspeakers Meridian Sound System
- 825W 16-channels, 19 loudspeakers Meridian Surround Sound System
- 1700W 24-channels, 29 loudspeakers Meridian Signature Reference System
- High output, distortion-free sound with full frequency range
- Deep bass extension and clear, clean highs
- Maintains maximum digital audio detail from all sources
- Smooth, full frequency range sound, tuned to cabin acoustics
- Dynamic volume compensation for changes in ambient noise levels

Building on the tradition of its predecessors, The Range Rover has been developed to offer the ultimate in luxury for its occupants, combining the latest premium features and technologies with immaculate craftsmanship and materials, all delivered with the unique Range Rover ambience. The three audio systems feature state-of-the-art amplifiers which incorporate Meridian's latest digital processing technology to ensure perfectly optimised sound quality, along with Meridian high-efficiency speakers for exceptional clarity and dynamics.

For more details and specifications visit
www.meridian-audio.com/in-car-audio/land-rover.aspx

More images here: <http://www.Meridian Land Rover Systems Images>

RELEASE ENDS

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All information provided is subject to change without notice.

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ABOUT MERIDIAN AUDIO

Meridian is based near Cambridge, UK, and was founded in 1977 by Bob Stuart and Allen Boothroyd. With over 30 years' history of innovation and development of uncompromised consumer home entertainment systems offering exceptional performance, this award-winning company is widely recognised as a world leader in high-quality audio and video reproduction. Meridian developed the first audiophile CD player, the world's first consumer digital surround controller, and the MLP lossless packing system included in Blu-ray Disc. The company's optical disc players, DSP-based loudspeakers, video projectors, and scalars are unique in the

industry, maintaining a super-quality digital signal throughout the path from the studio to the home, using advanced digital signal processing to deliver both a sweet, natural sound and smooth, crystal-sharp images with true cinematic realism. In late 2008, Meridian acquired leading networked media server developer Sooloos, and today the Meridian Sooloos Digital Media System offers a unique combination of superb digital audio quality with the world's most innovative, flexible and intuitive touch screen.

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- ① TWEETER ② MIDRANGE ③ BASS ④ SUBWOOFER ⑤ CENTRE CHANNEL – TWEETER/MIDRANGE
- ⑥ REAR SURROUND – TWEETER/MIDRANGE ⑦ SEAT-BACK CENTRE – TWEETER/X2 MIDRANGE ⑧ MIDRANGE

Meridian Signature Reference System

1,700 Watts 29 Speakers Trifield 3D

Technology

- Digital Signal Processing**

Digital, active DSP crossovers were designed to distribute music to each speaker giving higher overall quality, less power use, and the performance of Meridian consumer loudspeakers.
- Trifield**

Meridian's exclusive Trifield technology blends the centre and surround channels seamlessly with the left and right channels to deliver a consistent, concert-like experience, optimised for all seating positions.
- Trifield 3D**

Building upon the proven Trifield technology, Meridian Trifield 3D is a world's first technology that adds dedicated height channels located in the roof lining to provide a realistic portrayal of image height to the musical performance. The Meridian™ 1,700W Signature Reference System also has dedicated seat back centre loudspeakers located in the front seats to provide rear seat passengers with their own centre channel reproduction.
- Seat Back Centre Loudspeakers**

A loudspeaker module containing two midrange speakers and one tweeter in the rear of each seat back recreates the centre channel output for the rear seat passengers using Trifield processing technology. These seat back centre loudspeakers are included as part of the Meridian Signature Reference Sound System reproduction.
- Meridian Cabin Correction**

Meridian Cabin Correction technology optimises the audio system by measuring the acoustic time domain of the cabin and correcting the low frequency response preserving the timing and natural rhythm of a musical performance ensuring that bass notes to be reproduced cleanly.
- Digital Dither Shaping**

Meridian Digital Dither Shaping is based upon psychoacoustic research to arrive at critically calculated noise shaping filters which provides an incredibly silent background to the recordings improving dynamic range and maximising musical detail.