

# MERIDIAN LAUNCHES DSP9 LOUDSPEAKER – A MASTERPIECE OF DESIGN AND ENGINEERING

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**\*\*Revealed at High End Munich, this ‘Undeniably Meridian’ loudspeaker signifies a new dawn for the company\*\***

Marking a new chapter for Meridian, the British Audio Technology Pioneer has unveiled the DSP9 Digital Active Loudspeaker, a masterpiece of product design and audio engineering, technology and performance. The loudspeaker features a brand-new and iconic cabinet aesthetic that showcases a new design signature for the company, and produces outstanding fidelity, dynamics and power for cinemas and listening rooms.

“Meridian’s goal is for our products to be as beautiful to look at as they are easy to use and amazing to listen to. A design where you can see no effort - elegant, simple and powerful,” comments John Buchanan, CEO of Meridian. “With the DSP9, we achieve the perfect synthesis of function and form through our holistic system approach. It’s an artful balancing act that allows us to create a beautiful aesthetic whilst pushing the boundaries of world-class audio engineering. We are delighted to launch the DSP9 at High End Munich and showcase this incredible loudspeaker to our partners from around the world.”

The DSP9 is the second loudspeaker to emerge from Meridian’s Extreme Engineering Programme; a result of years of investment in technology innovations at the extreme edge of audio design. Built around Meridian’s continued research and expertise in producing authentic, natural and lifelike sound, this programme delivers a level of performance never previously achievable from a loudspeaker of these proportions.

The DSP9 introduces a beautiful new look for Meridian loudspeakers. The company has pushed the boundaries of cabinet design and construction with this product, using the geometry of the ellipse to create a visually stunning aesthetic from every angle that also offers acoustic benefits.

Advanced engineering was used to create the striking sculptured exterior lines and the sophisticated three-dimensional spaces within the cabinet to enhance performance. The curvature of the exterior also minimises unwanted diffraction of the sound produced by the drive units.

“The DSP9 loudspeaker is undeniably Meridian,” comments Natalie Reynolds, Product Manager at Meridian. “It is a powerhouse of performance that delivers goosebump moments thanks to incredible dynamics, full frequency response and massive power handling. It is also aesthetically stunning, introducing a brand-new iconic design - the beauty is in its simplicity.”

The DSP9 features all of the pioneering UK company’s latest engineering developments to deliver unrivalled power and performance, including:

- Atlas Software Core
- Precision Sonic Transport
- R1 Electronics Platform
- Next Generation Drive Units
- Force-balanced bass configuration

With Meridian’s expertise in psychoacoustics and deep experience in Digital Signal Processing, the DSP9

The Meridian technologies deployed for DSP9 include Digital Precision, Q-Sync, True Link, True Time, E3 Bass, Image Focus +, Pro-Active Bass, Pro-active Thermal, FFA, Free-Q, Perfect Balance and BSM.

The DSP9 further offers easy setup and control via the Meridian B-Link Bluetooth device, IR, USB, RS232, or with a Meridian Controller product. An IA21 analogue input module changes the functionality of the DSP9 so it can be fed from any non-Meridian product or system which features a balanced or unbalanced line-level analogue output.

Meridian's Select finishing service allows the loudspeaker to either blend into the room with a complementary finish or to stand out with a bold, vibrant colour, finished in matte or gloss.

### Performance Facts

FREQUENCY RESPONSE	-In-room within 3dB: 20Hz – 40kHz
SPL	-119dB@1m for a single loudspeaker
AMPLIFIERS	-Tweeter and Mid-range - each >150W into 4Ω, Class AB -Bass – four bridged pairs, each pair >240W into 4Ω, Class D
ULTRASONIC TWEETER	-1 x 25mm beryllium dome with silver voice-coil custom waveguide
EVO MID-RANGE DRIVER	-1 x 160mm with non-conductive voice-coil former and anti-resonance clamp-ring mounting system.
SUBSONIC BASS DRIVERS	-4 x 200mm polypropylene long-throw drivers with anti-resonance clamp-ring mounting system.

For more information, visit [www.meridian-audio.com](http://www.meridian-audio.com)

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### ABOUT MERIDIAN AUDIO

Meridian, the award-winning British audio pioneer, has been creating innovative audio technologies and elegant, high performance audio products since 1977. Meridian's ambition is to enable people to listen, enjoy and fall in love with their music and movies wherever they are, and our renowned sound philosophy can be applied in all listening environments.

From the flagship DSP loudspeakers with integrated amplification, to discreet and powerful in-wall loudspeakers, Meridian engineers design easy to install, high resolution audio systems for astonishing residences and super yachts. Meridian's products are sold by custom integrators and audio specialists in more than 80 countries worldwide.

Many of the world's most ambitious brands trust Meridian to support their audio system design. Customers include British Airways, Human Horizons, LG Electronics, Jaguar Land Rover and Kia. These partnerships enable millions of consumers around the world to experience Meridian sound throughout their homes, and in automotive, marine and airline settings. Learn more at [www.meridian-audio.com](http://www.meridian-audio.com).

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