















# DSP9 DIGITAL ACTIVE LOUDSPEAKER ACOUSTIC AND VISUAL MASTERPIECE

DSP9 is the latest product to emerge from Meridian's groundbreaking Extreme Engineering Programme; a result of years of investment and research at the extreme edge of audio design. The unique and fundamental Programme has been built around Meridian's approach to delivering authentic, natural and lifelike sound and results in a level of performance never previously achieved on a loudspeaker of this size.

Advanced engineering was used to create the striking sculptured exterior lines and sophisticated three-dimensional spaces within the cabinet to enhance its performance. The DSP9 also features Meridian's Precision Sonic Transport which uses innovative techniques and processes which ensure the entire journey taken by an audio signal through a product maintains maximum sonic fidelity, so that the listener is immersed in authentic and realistic sound.

## MERIDIAN UNIQUE TECHNOLOGIES

 DIGITAL PRECISION	 Q-SYNC	 TRUE LINK	 TRUE TIME	 FFA	 FREE-Q
 PERFECT BALANCE	 BESPOKE SIGNAL MAPPING	 E3 BASS	 IMAGE FOCUS +	 PRO-ACTIVE BASS	 PRO-ACTIVE THERMAL

Discover more about our technologies at [meridian-audio.com](http://meridian-audio.com)

## THE DSP9 AT A GLANCE

### ■ APPLICATION

The outstanding fidelity, dynamics and sheer power of the DSP9 means they deliver an incredible experience in cinemas and listening rooms alike. Our Select Finishing option gives you the choice of blending into the room with a complimentary finish or standing out with a bold, vibrant colour, finished in matte or gloss.

### ■ CONTROL

The SpeakerLink input allows control from other Meridian products via Meridian Comms, from the supplied B-Link adapter via Bluetooth. The front panel infra-red receiver can be enabled for use with Meridian IR commands and the USB maintenance connection also supports control commands.

### ■ CONNECTIVITY

Meridian SpeakerLink connections, digital co-ax, optical and USB-C audio inputs. The Meridian B-Link adapter (supplied) provides a Bluetooth connection, and the IA21 Analogue Input Module offers the option of analogue audio inputs via either RCA or XLR.

### ■ CONSTRUCTION

The sculpted lines of the DSP9 provide enhanced sonic benefits, as the curvature of the exterior minimises unwanted diffraction of the sound produced by the loudspeakers. The subsonic bass drivers are housed in an isolated cavity and this separation prevents the forces created inside the loudspeaker by the bass-drivers from interfering with the performance of the midrange driver and tweeter.

## 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 [up to 24mm excursion] with anti-resonance clamp-ring mounting system

Preliminary, May 2023



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