



THE DSP8000 XE AT A GLANCE

Preliminary, November 2021

APPLICATION

The outstanding fidelity, dynamics and sheer power of the DSP8000 XE loudspeakers mean 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 via Bluetooth, or from a third-party control system via RS232. 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. An external IR receiver connection and a USB-A maintenance socket. The Meridian B-Link (supplied) provides a Bluetooth connection, and the IA21 Analogue Input Module offers the option of analogue audio inputs.

CONSTRUCTION

Separate head-unit isolates the all-new tweeter and mid-range driver from the main enclosure. Curved lines, based on an ellipse, contribute to rigidity and avoid parallel internal surfaces. Outer walls engineered from a layered combination of birch plywood, aluminium and resin are combined with substantial internal bracing to create an incredibly inert cabinet.

DSP8000 XE DIGITAL ACTIVE LOUDSPEAKER THE NEXT GENERATION LOUDSPEAKER

DSP8000 XE is the first 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 and built upon the fundamental and unique elements of Meridian's approach to delivering authentic, natural and lifelike sound.

A new design concept, Meridian's Precision Sonic Transport, 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

PERFORMANCE FACTS

FREQUENCY RESPONSE	• In-room within 3dB: 18Hz – 40kHz
SPL	• 120dB@1m for a single loudspeaker
AMPLIFIERS	• Tweeter and Mid-range - each >150W into 4Ω, Class AB • Bass – six bridged pairs, each pair >240W into 4Ω, Class D
TWEETER	• 1 x Ultrasonic tweeter, 25mm beryllium dome with custom waveguide
MID-RANGE DRIVER	• 1 x Evo mid-range, bespoke 160mm with clear cone
BASS DRIVERS	• 6 x Subsonic bass drivers, 200mm with long-throw, polypropylene cone

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



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