

ARCHITECTURAL LOUDSPEAKER SOLUTIONS FROM MERIDIAN AUDIO

PRESS RELEASE

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Suitable for a wide range of applications, including in-wall and in-ceiling installations, Meridian Audio's Architectural range of loudspeakers incorporates resolution enhancing technologies for the ultimate listening experience. For integrators, the reliability and versatility of the range allow for a simple installation and maintenance free solution, giving them the confidence and trust in the loudspeaker's performance.

The Architectural range includes the DSP520.2 and DSP640.2 In-Wall Loudspeakers, and the DSP320.2 In-Ceiling / In-Wall Loudspeaker. What makes these loudspeakers unique is their ability to use two-channel, multichannel, or single-speaker systems, whilst consistently performing at a level of quality that far exceeds those usually associated with architectural speakers.

"Meridian's Architectural Loudspeakers are the ideal solution for versatile installations and surround sound experiences," says Barry Sheldrick, Meridian's Director of Sales. "Powered by Meridian's exclusive 'CLASS-M' DSP engine and integrated with 'DYNAMIC' Hi-Res amplifiers, this product range is perfect for delivering Meridian's renowned audio quality discreetly within any media room or home cinema."

The DSP640.2 In-Wall Loudspeaker features eight power amplifiers delivering 100w per drive unit and L+R mode for the ultimate, high-power soundbar applications. It is capable of delivering over 105dB over 4m, providing full range sound with bass extension down to 40Hz, together with Meridian's on-board Enhanced Bass Alignment which perfectly aligns the high, mid, and upper bass frequencies for added clarity. In addition, Meridian's Centre Elevation technology raises the perceived image location from an under-screen loudspeaker, so it seems to appear from the centre of the screen, resulting in lifelike and spacious sound.

The DSP520.2 In-Wall Loudspeaker has many similar qualities to the DSP640.2, but this model boasts an all-new quad-amp DSP design with four powerful amplifiers delivering 100w per drive unit. L+R mode technology has been integrated to ensure the true reproduction of all the audio is present when a single loudspeaker is used on its own, whilst delivering bass extension down to 50Hz for full range sound. The

DSP520.2 features 1 x 140mm long throw bass driver and 1 x 85mm wide-range drivers for full-frequency response, maximum dispersion, and wide listening area. It also comes equipped with the latest on-board Meridian technologies including Centre Elevation for a precise listening experience.

The DSP320.2 is the most versatile and smallest solution within the Architectural range. Suitable for multiple high-performance applications including home theatre and premium two-channel in-ceiling and in-wall applications, the DSP320.2 produces at least four times the bass performance of a passive in-ceiling speaker with similar cabinet volume (100mm / 4" mounting depth). The timbre is matched to the respected DSP520.2 and DSP640.2, whilst also integrating the latest audio enhancing technologies from Meridian, including Enhanced Bass Alignment (EBA), Fifo Buffering, DSP Upsampling, Apodising Filters, MHR, and L+R mode.

"The performance of these loudspeakers is unparalleled. The Architectural range has given our dealers the confidence to push more expensive in-wall and in-ceiling solutions to their customers as they know the quality is so impressive." Barry continues. "Whether integrated as a surround sound system or implemented to boost the quality and clarity of specific zones, as far as architectural loudspeakers go, the sound is simply astonishing."

With compact depth, the DSP640.2, DSP520.2, and DSP320.2 Loudspeakers are perfect for delivering discrete yet impactful sound in any home cinema or media room application. They can be used as a full-range loudspeaker with no need for an additional subwoofer, offering greater flexibility and the best possible performance from all digital sources. Their sleek, slim profile and frame system allows for easy installation, precise positioning, and a five-year warranty.

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