

# ESSENTIAL INSTALL - SPEAKERS FEATURE

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PRESS RELEASE

As the pioneers of High-Resolution audio, Meridian pushes the boundaries of how people connect with sound. As the pioneers of High-Resolution audio, Meridian pushes the boundaries of how people connect with sound.

The company'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 loudspeakers' performance.

Leading this range are the CEDIA Award winning DSP520.2 and DSP640.2 In-Wall Loudspeakers, and the DSP320.2 In-Ceiling / In-Wall Loudspeaker. 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 can deliver over 105dB over 4m, providing full range sound with bass extension down to 40Hz, together with Meridian's on-board Enhanced Bass Alignment (EBA) 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 that the true reproduction of all 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 EBA, Fifo Buffering, DSP Upsampling, Apodising Filters, MHR, and L+R mode.

Perfect for home cinemas, distributed audio and music systems, Meridian's DSP loudspeakers deliver a powerful, authentic audio performance in any room size, thanks to built-in Digital Signal Processing (DSP) technology. Meridian's flagship Special Edition DSP8000 Digital Active Loudspeakers have stood the test of time, continuously delivering sound as it was intended and creating the perfect solution for any cinematic and musical experience. What makes the DSP8000 so special is the integral DACs, pre-amplifiers, power amplifiers, and built-in high efficiency digital crossovers. The floor standing DSP8000SEs produce breath-taking sound, completely unmatched and incomparable power, with Enhanced Bass Alignment (EBA) technology to deliver exceptional bass and full-range audio performance.

The Meridian M6 Digital Active Loudspeaker is aesthetically stunning. It can be used individually, in a stereo pair, or within a surround-sound system. Crafted with a gently tapered cylindrical shape, the M6 provides a naturally wide dispersion pattern, which fills a room with breath-taking audio. Activated from the Digital Channel Selector switch, Meridian's unique 'mono' mode technology sums signals from the left and right channels so that the M6's signature sound can be achieved from just one single loudspeaker, promising premium audio quality even in modest-sized homes. The M6 not only looks stylish but also provides a powerful performance, every time.

Integrating Meridian's stand-out speakers into the home cinema or media room is made simple with Meridian's complimentary Design and Specification Service, which integrates all of its partners' technology to make it quicker and easier for integrators to specify the right products for the perfect installation. This dedicated service provides bespoke audio-visual system designs, giving integrators more time to concentrate on other aspects of their projects. Each Design and Specification Service pack features precise room layout and speaker positioning diagrams, detailed wiring diagrams, and comprehensive product information. This service gives clients the confidence that they will receive the highest level of audio-visual performance in all areas of their home.

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