



MERIDIAN

The Meridian Audio Core 200 & DSP3200.

Distilling the pedigree of Meridian audio innovation into a simple and elegant form, the Audio Core 200 and DSP3200 Digital Active Loudspeakers combine to form a compact, yet powerful and versatile stereo system.

The Audio Core 200

Perfect for bringing together all your audio sources, the Audio Core 200 offers outstanding preamplifier quality, coupled with powerful Meridian Resolution Enhancement technologies such as an Apodising filter and upsampling for the very best sound quality. A stereo width control optimises the stereo stage, freeing the sound from the loudspeakers, making it even bigger and more natural.

The Audio Core 200 connects easily to almost any audio source; it even includes PC audio replay via USB. And there's a Meridian SpeakerLink input for single-wire connection to a Meridian Sooloos Digital Media System. Fully compatible with Meridian's i80 Dock for iPod®, the Audio Core 200 lets you play your iPod/iPhone® via Meridian DSP Loudspeakers while it charges, and control what you hear via the front panel or remote handset.

The Audio Core 200's intelligent front-panel controls feature smart buttons for intuitive operation, and an auto-dimming OLED display that's always at the right brightness for maximum readability.

Connecting to the DSP3200 Digital Active Loudspeakers via SpeakerLink – a simple, single wire – the Audio Core 200 gives direct access to powerful DSP features that enable you to get the best sound in any environment.



The DSP3200 Digital Active Loudspeaker

Meridian's Digital Signal Processing (DSP) technologies deliver powerful, room-filling sound with the performance of a conventional system many times the size. These elegant loudspeakers echo the lines of Meridian's flagship DSP8000 and are the most compact Meridian loudspeakers designed to date.

Meridian SpeakerLink connectivity makes connecting the DSP3200 to the Audio Core 200 quick and easy.

Featuring a wide-range driver that allows the DSP crossover frequency to be well outside the speech band, the DSP3200 delivers an effortless sound that remains clear, open and spacious, even at high listening levels.

In addition to a perfect digital crossover system, the DSP3200's digital signal processing provides dynamic bass protection with exceptionally accurate transients. DSP3200 loudspeakers always deliver clear, accurate, quality sound – even at high levels and for prolonged periods.

Meanwhile, sophisticated DSP-based loudness controls allow the DSP3200 to provide a bigger sound that remains balanced at low listening levels.

The DSP3200 is perfectly suited to a wide range of room positions – on or in furniture, on floor stands or on wall brackets.



Setting the Technological Standard

Meridian has developed many unique technologies during the company's history, setting standards for the rest of the industry – proving even further Meridian's reputation for innovation and the pursuit of perfection. The technologies described below are all incorporated in the Audio Core 200 & DSP3200.



DSP Loudspeakers With powerful Digital Signal Processing (DSP) crossovers and built-in power amps and converters, Meridian DSP Loudspeakers deliver as much quality sound as a conventional speaker four times the size.



SpeakerLink Meridian's latest DSP Loudspeakers can be connected with a simple Cat 5 cable instead of expensive, ugly conventional cables. SpeakerLink delivers pristine digital sound and control down a single cable.



Triple FIFO Buffering A special multiple buffering system that cleans up digital signals, removing jitter and ensuring perfect timing, for improved clarity and accuracy.



Meridian High Resolution (MHR) A proprietary encrypted digital data link between Meridian components, allowing high-definition audio signals to be transferred with improved quality and complete security.



Meridian Apodising Filter A unique proprietary digital filter delivering purer, sweeter sound and even cleaning up recording faults caused by inferior processing.



Digital Balance Control Varies the time delay between the loudspeakers, making them behave as if they were located nearer or further away – something only possible in the digital domain. It's far superior to simply changing relative levels.



Width Control In the real world, you can't always put the loudspeakers where you want. But Meridian's Width Control operates digitally to deliver a full, wide stereo spread – even when you have to place the loudspeakers close together.



Resolution Enhancement Every digital audio operation is an opportunity to improve sound quality. Signals at standard sample rates are upsampled; high-sample-rate signals may be downsampled if required. In either case, the highest quality sound is produced.





Games



iPod®



Radio



PC



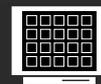
TV



Audio



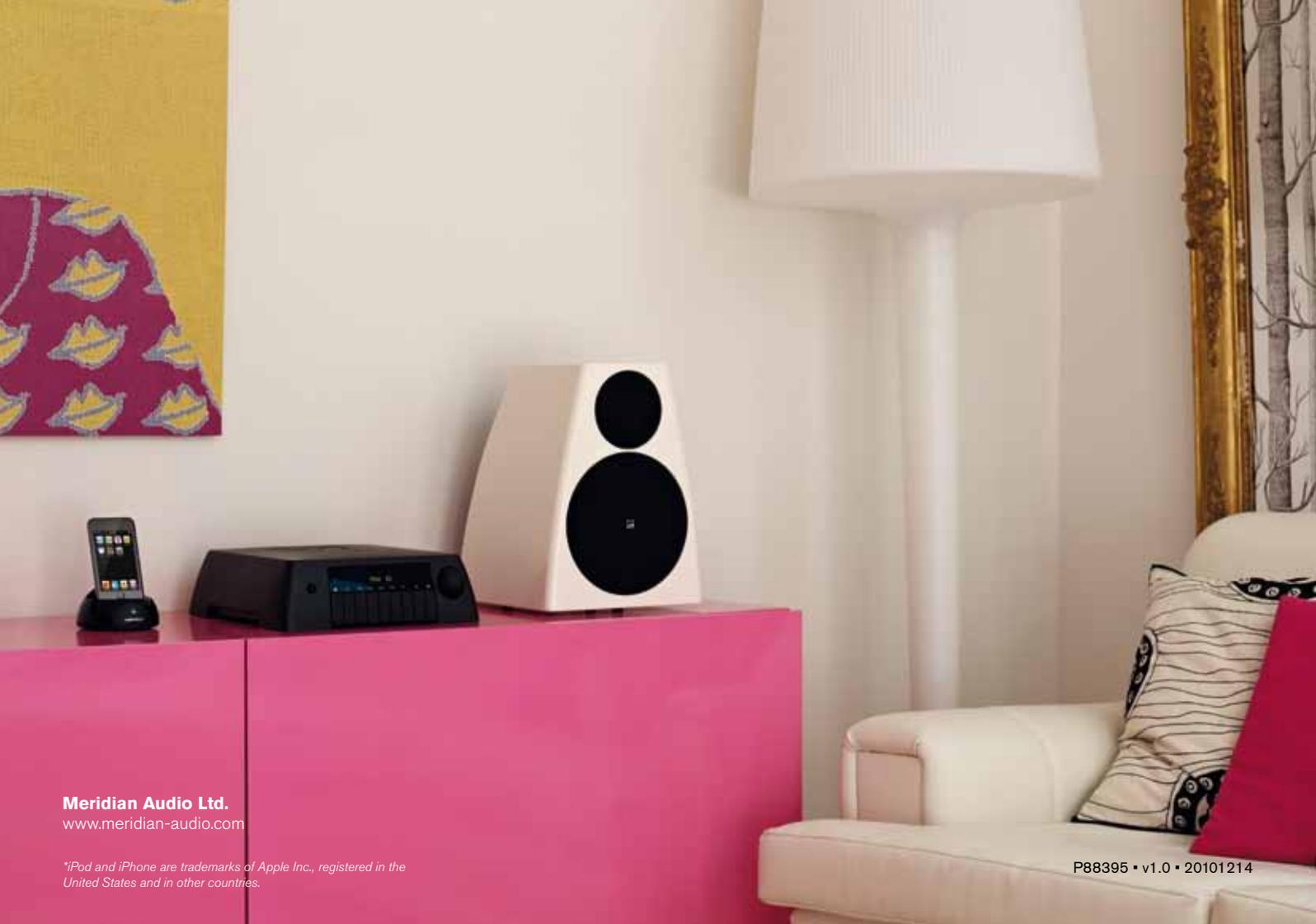
Media



Sooloos



Control the sound of all your entertainment.
Release the potential of all your media.
Hear the Meridian Difference.



Meridian Audio Ltd.
www.meridian-audio.com

**iPod and iPhone are trademarks of Apple Inc., registered in the United States and in other countries.*

P88395 • v1.0 • 20101214