



Sounds like a breakthrough!

UK based Sontia Logic are pleased to follow up their success at last year's CES with a more comprehensive demonstration of their audio enhancement software. Offering hardware and software solutions they will be available on stand 25730 in south hall to demonstrate the audio enhancement of an LG Soundbar, Sony TV, Lindemann High end speakers and Monster headphones.

The recently released Silverback hardware module which integrates audio, DSP and microcontroller functions on one inexpensive device will also be available for discussion in conjunction with the Royalty free Borodino host amplifier platform which has been designed to enable companies to easily integrate up to eight channels of digital audio into their product.

The main difference between Sontia and other audio enhancements is that Sontia's engineers have managed to eradicate phase distortion - the conflict between individual speakers - by developing a stable linear phase. They also provide an engineered solution which corrects the level of distortion of individual speakers, measuring levels of distortion on their own and in their acoustic cabinet and then applying their patented software to correct the phase. Digital enhancements are also available; all of which provide a natural solution to at long last enable audio to catch up with the recent technical advances made by visual technologies and enable the listener to experience an immersive natural sound.

Michael Price who edited the music for Peter Jackson's Lord of the Rings, heard a five minute section of his soundtrack played using Sontia Technology and commented that it was exactly how he had always wanted the music to sound; indeed a reproduction of the sound made by the musicians as opposed to a processed version of it.

Specific demonstrations include:-

Sontia optimised Headphones

Sontia have taken a pair of mass market headphones and optimised them, thereby improving the clarity of the drivers and also provide externalisation - the ability to use acoustic imaging processes to move the virtual source of the sound to outside the head. The ability to present a wider sound field and subsequently improve the stereo effect for music is one distinct advantage but applications within gaming headphones are a definite target.

Sontia Optimised TV

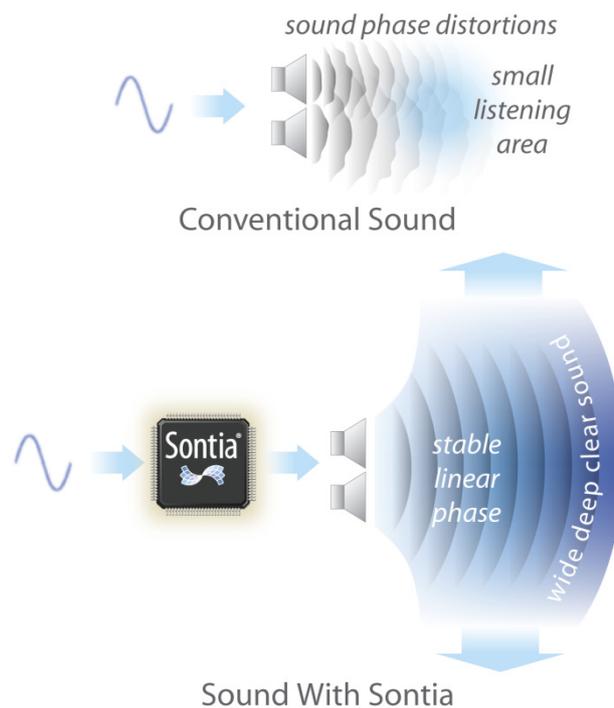
Sontia have been working with a number of Tier one TV companies and will be demonstrating work that they have done to provide dynamic phase correction for single full range elliptical speaker and linearized frequency response with natural frequency extension; whilst also adding Otoacoustic spacial effect

Sontia Optimised Soundbar

Sontia are working with a number of companies in the CE and Hi Fi industry and will be demonstrating a mass market Soundbar with corrected phase of loudspeakers and passive crossover

Sontia Optimisation of Lindemann High end speakers

Sontia will be demonstrating work that they are doing on a development project to provide Linearised phase and frequency response with frequency range extension for a pair of Lindemann Birdland BL 10 speakers



About Sontia

Sontia is a provider of innovative linear-phase 'pre-correction' sound technology for incorporation into third party audio products. It is headquartered in the UK, with offices in Sheffield, and local offices in China and Japan. It is privately funded with international investors, including former ARM Chairman, Sir Robin Saxby, and one of the world's most successful serial technology entrepreneurs, Dr Hermann Hauser.

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