



AOS Acoustics

Andrew O'Neil-Smith

MMI 530

Electronic Press Kit

May 1, 2014

“The Best in Audio Innovation.”

“AOS Acoustics is dedicated to creating audio systems solutions from the start of an idea to a finished product for our partners who want to innovate and implement new audio technologies in creative applications within the consumer, pro, and industry level. We will use hardware and software audio engineering techniques and practices to bring the end user the best in audio innovation and technologies. The result will be an effective and creative solution to whatever problem you need solved.”



FOR MORE INFORMATION
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FOR IMMEDIATE RELEASE
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Noise Cancelling Car Headphones Reduce Ear Fatigue

Driver Comfort Series™ Headphones revolutionize the daily commute.

Aimed at daily drivers who find their commute to work frustrating and fatiguing, AOS Acoustics has developed a new kind of headset for your car. Audio industry experts at AOS Acoustics have pushed popular Active Noise Cancellation, or ANC, technology into the automotive industry with their new Driver Comfort Series™ headphones. This innovative new product lets drivers operate their car in peaceful silence. Normally, drivers are discouraged from listening to music through a headset in the car for safety reasons. DCS headphones actually turn the safety issue on its head by actually making safer to wear headphones in the car. The DCS Headphones are fully aware of the surroundings through patented “listening” and “sensing” technology that monitors for warning sounds such as sirens and horns so you don’t have to be. With full Bluetooth integration for car stereo systems, it allows drivers to filter out unwanted engine noise, city clutter, and tire rumble so you can enjoy your daily commute with pristine audio quality or simply with silence. Retailing at only 250.00 (U.S.), they provide an affordable way to bring enjoyment back to the driving experience.

The headset works in conjunction with traditional visual feedback systems in luxury cars for warning the driver. For example, if your car senses another vehicle passing in your blind spot, the car system will tell the DCS headphones to dim your music so you can hear the regular cabin noise in case of emergency. It can even sense head-bob through local accelerometers when you are tired and will play a warning tone to keep you alert. Filtering out the unwanted noise when no threat is present lets the driver reduce ear fatigue on long car rides. These headphones are just the beginning of a whole new line of ear safety products aimed at the average consumer that is slated for a staggered release within the next two years.

AOS Acoustics was founded in 2014 by Andrew O’Neil-Smith. AOS Acoustics focuses on bringing innovative pro-audio industry practices to consumer level technology. Their full system solutions benefit the consumer by taking the newest technologies and implementing them in convenient systems. AOS Acoustics is dedicated to bringing you “The Best in Audio Innovation.”

For more information, please visit www.aosacoustics.com.

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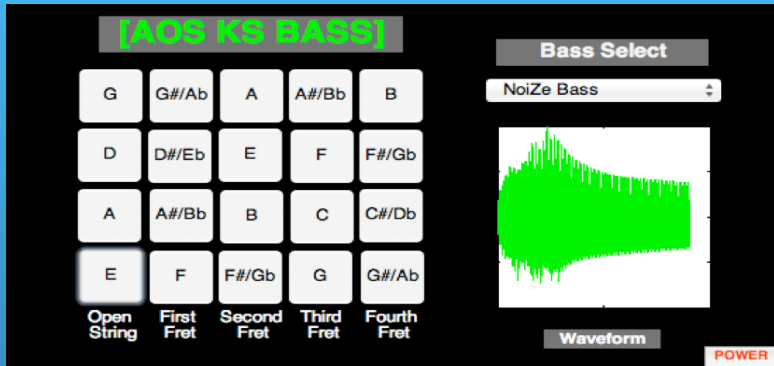
About the Founder

- Andrew O'Neil-Smith is a computer programmer specializing in audio signal processing and the music products industry.
- His professional experience includes an internship at Telefunken Elektroakustik making microphones, and an internship at Analog Devices as an Applications Engineer in the Digital Audio group. Andrew also spent four years on the Weeks Recording Studio Staff as Head Maintenance Engineer.
- In addition to studying electric bass for nearly eight years, Andrew also has learned many technical skills as well. He knows multiple programming languages including C, C++, Objective C, VHDL, and Assembly. Technical software experience includes XCode, Visual Studio, Eclipse IDE, and MATLAB. He has extensively used multimedia programs such as Pro Tools, Logic Pro, Final Cut Pro, and Sibelius.
- His awards include a prize at the 2014 University of Miami 24 Hour Student Hackathon from Zensah for best use of their product. He sewed flex resistors to Zensah compression sleeves, which communicated with an Arduino to give the user both audio, and visual feedback while performing range-of-motion physical therapy exercises.
- Andrew graduated in 2014 with a Bachelor of Science in Music Engineering from the University of Miami in Coral Gables, FL. This major combines traditional music school coursework with classes in computer programming, electronics, acoustics, and digital signal processing.
- In his free time, Andrew enjoys recording his own music at home, designing his own plug-ins and iPhone apps, reading science fiction, and tinkering with just about anything he can get his hands on. He is focused on combining this creative, musical mindset with technical knowledge of the audio industry to bring innovative and creative solutions to consumers of musical products.

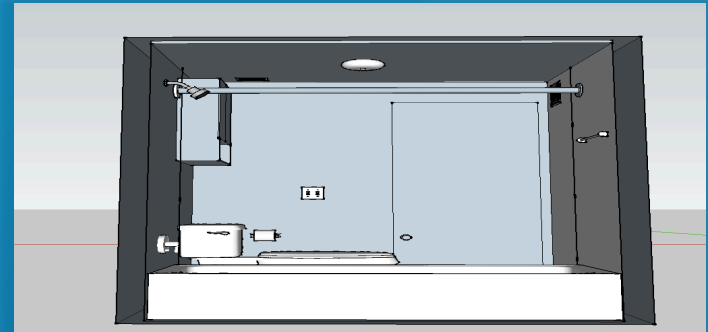


Projects

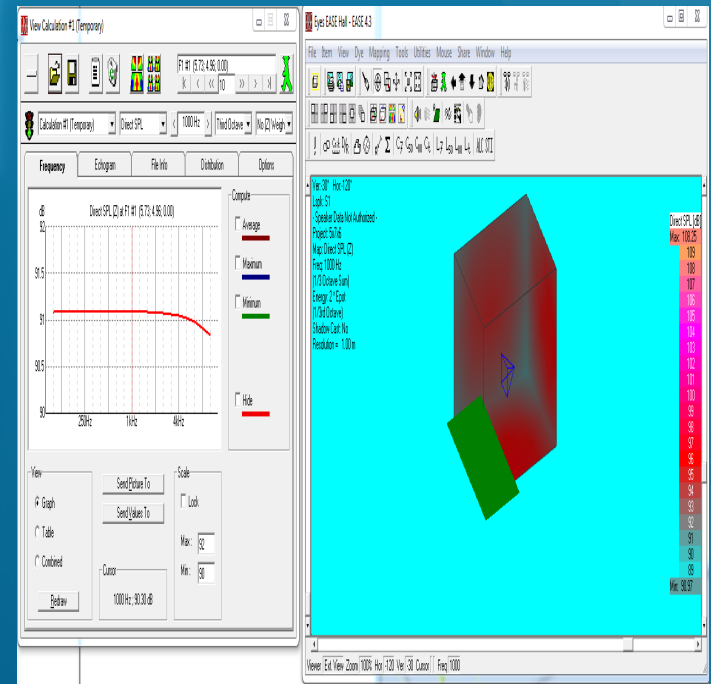
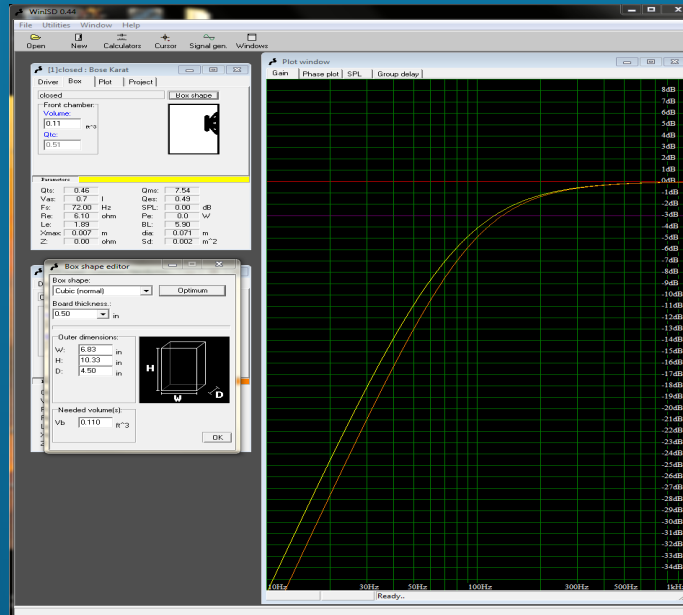
Bass Synthesizer coded in Matlab



Room Acoustics



Loudspeaker Enclosure Design



For More Information...

Visit our website at www.aosacoustics.com where you will find detailed examples of past projects, client testimonials, contact information.