YOUR SOURCE FOR AUDIO SUPPORT

Engineering Services Overview
Engineering Value Proposition

- Component Testing
- Software Simulation
- Mock-up Evaluation
- Benchmarking
Lab Facilities

- Anechoic Chamber
- Standard IEC268-5 Baffle
- B&K Artificial Ears and HATS
- Klippel, Clio and SoundCheck Audio Measurement System
Component Testing: Speaker

- Anechoic Chamber
- Standard IEC 268-5 Baffle
- Calibrated B&K Microphone
- Calibrated amplifiers
- Calibrated mic-pre amplifiers
Component Testing: Receivers and Microphones

B&K Artificial Ear

B&K HATS: Head and Torso Simulator
Component Testing: Measurement System

Stetron uses a combination of software hardware tools such as **CLIO, SoundCheck** and **Klippel** to test your product and deliver the best solutions for every design.
Standard Services

- Acoustic Component Recommendation
- Component Performance Verification
- Mass Production Quality Control
- Component Prototyping Support
Design Support

- Customized acoustic component design
- Simulation - Component and System
- “Fast to Market” Project Optimization
  - CNC samples – Component
  - SLA, CNC, 3D capabilities
- Benchmark product
- Investigation and comparison
Software Simulation

- Provide product level performance estimation calculated from theoretical models.
- WinSpeakerz
- Fine Motor
- Various Online Tools
Mock-Up Evaluation

- Make physical box samples to simulate the application status and provide product level performance estimation based on real sample test.
- Evaluate customer supplied product for acoustic performance and provide suggested improvements.
Benchmarking

- Make thorough analysis of target product’s acoustic design
- Provide solutions for comparable component
- Report Generation
Contact Us

- Email Us: contact@stetron.com
- Website: www.stetron.com
- Connect with Us on Social Media