



# Audio Design Services

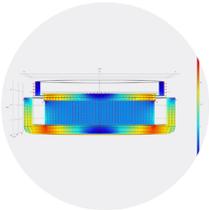
## Amplify your innovation with our team of sound specialists

Whether capturing or outputting sounds in your application, fine tuning your design's audio requirements is an often-complex task that can present many challenges. Don't let poor audio quality hamper your design's performance. CUI Devices' industry-leading audio design services employ advanced simulation tools and testing as well as decades of expertise to help you optimize a range of audio parameters to your specific system needs.



### Manufacturing capabilities

We understand that every audio design has unique requirements. In addition to our [standard audio products](#), CUI Devices has the manufacturing capabilities to design [custom audio solutions](#), including product customizations and integrations, that seamlessly integrate into your devices.



### Audio simulation

Unlock the power of audio simulation with our access to a range of simulation analysis services. By leveraging the latest simulation techniques, we can accurately model a range of audio parameters in your system, including acoustic pressure, SPL, impedance, and more.



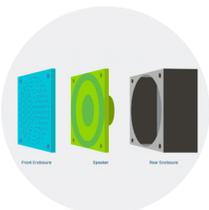
### Audio testing & validation

Ensure the accuracy and reliability of your audio design with our audio testing services. We can provide real-world testing for a range of speaker and microphone measurements, including frequency response, sensitivity, total harmonic distortion, and much more, giving you confidence in the audio performance of your device.



### Design & development

Audio design often goes well beyond component selection. From audio IC and PCB design to speaker, enclosure, and microphone array development, CUI Devices provides a one-stop shop for all of your audio design and development needs.



### Audio consulting

Maximize the audio quality of your design with our comprehensive consulting services. From mounting and installation guidance to providing expertise in system, housing, and audio design, CUI Devices is here to help your devices sound their best.



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