

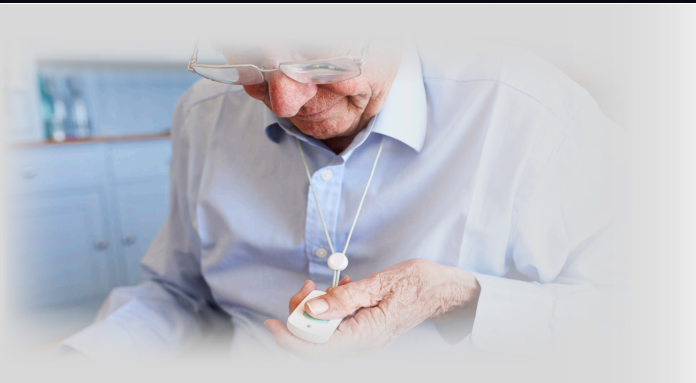


STETRON SUPPORTS MEDICAL INNOVATION

Stetron specializes in audio solutions and custom audio enclosures for the medical industry.



HIGH SENSITIVITY AND SNR MICROPHONES | WIDEBAND AND HAC COMPATIBLE RECEIVERS | HIGH OUTPUT SPL | LOW PROFILE OPTIONS
SMALL FOOTPRINT | LOW FO | WATER RESISTANT | ROBUST ENCLOSURE DESIGN



EXPERIENCE

Whether you're developing a surgical robot or a personal emergency device, we have the audio solution for your project.

Stetron supplies Audio Solutions for a wide range of medical applications.

INCLUDING:

- ▶ Nurse call
- ▶ Patient monitoring
- ▶ Tablets
- ▶ Surgical robots
- ▶ PERS
- ▶ Ventilators
- ▶ AED
- ▶ Distributed sound for operating theaters
- ▶ 2 way voice communication badge

QUALITY

Stetron understands the need for a quality audio solution in a medical application. All of our components are **extensively tested** in controlled and clean environments to ensure the quality of our product.



INTEGRATED AUDIO SOLUTIONS

Stetron's Audio Engineering Team is highly experienced in finding Audio solutions that fit your needs. We can help you select the right product for your application. Whether a stand alone driver or an integrated solution that is ported, sealed, or uses a passive radiator, we will work with you to find the ideal solution for your application.

OUR CORE COMPONENTS



Speakers



Microphones



Dynamic Receivers



Integrated Audio Solutions

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A RANGE OF SIZES AND OPTIONS

Our speakers are available in a wide range of sizes from 10mm – 55mm. Other options include, **IEC 60601-1-8 certification or IPX water resistance.**

We also offer options that allow for easy integration:

- ▶ Lead Wires and connectors
- ▶ Gaskets & sponges for acoustic sealing and mechanical isolation
- ▶ Custom Integrated enclosures for a plug and play solution and optimized acoustic performance and loudness



DESIGN

Equipped with the right tools and software for every step of the process, Stetron can create a custom, high-performing loudspeaker from your checklist of acoustic needs and design parameters. We understand Medical. You can trust Stetron Audio Engineers to help you select the right product for your application.

The entire design process is transparent and collaborative, enabling our clients—no matter their audio experience—to fully comprehend the final design and its technology.

TEST AND MEASUREMENTS

We take our promise to high audio performance seriously. That's why all our factories are fully-equipped with an anechoic chamber to accurately measure and test your component and product before deployment. Using a combination of tools, 100% of the acoustic testing is done in-house, facilitating quick changes and solutions to every design. The capacity to capture pure measurements in a controlled and clean environment is imperative to the quality that we offer.

In order to continuously validate our testing and data, we utilize a full correlation exercise every quarter between the factory measurement systems and environment. This allows us to be confident in all our acoustic data at every facility, factory, and lab.



For over 50 years, Stetron Audio Engineers have worked with customers to optimize Audio performance to achieve clear, loud sound output.

Our value added services include:

- ▶ Application Engineering
- ▶ Acoustic performance simulation
- ▶ Enclosure design and prototyping
- ▶ Fully equipped audio lab with anechoic chamber
- ▶ Stetron supplies a full line of Audio Components that meet demanding reliability and environmental requirements

AUDIO ENGINEERING SERVICES

LAB FACILITIES

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

DESIGN SUPPORT

- ▶ Customized acoustic component design
- ▶ Component and System Simulation
- ▶ "Fast to Market" Project Optimization
 - CNC samples – Component
 - SLA, CNC, 3D capabilities
- ▶ Benchmark product investigation & comparison

STANDARD SERVICES

- ▶ Acoustic component recommendation
- ▶ Component performance verification
- ▶ Component prototyping support

Whether your application calls for the right Loudspeaker, Microphone, Dynamic Receiver or a Full Box Solution, we have the **experience and knowledge** to support you from concept through to production.

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