

# Advanced Hearing Protection Technology for Hunters and Firearms Enthusiasts

Hearing is a critical aspect of your shooting enjoyment and proficiency whether you are listening for the movement of game, the release of a trap or simply range commands. With our advanced hearing protection, you'll discover enhanced shooting enjoyment and proficiency without interfering with either your range of motion or firing position.

## Technology

VitaSound provides both active and passive hearing protectors that can be custom fit on the spot, while still at affordable prices. These custom fit protectors are made of medical-grade soft silicone for all day comfort and efficient protection of the ear. They are highly recommended for firearms use, whether hunting or in a shooting range. The active version contains sophisticated digital electronics programmed specifically for firearms enthusiasts to reduce the sound of gunfire below danger levels while still permitting whispered conversation to be heard. We have developed unique software to detect the impulse sound of a rifle less than 1 millisecond after the trigger is pressed and attenuate the audio below hearing-damage levels. Additionally, our software provides noise reduction between loud sounds to allow for more comfort during extended usage.

## Vitasound's hearing protection technology consists of:

- Instant Custom-Fit technology builds a custom ear-piece in 10 minutes. A demo of Vitasound's custom earpiece technology is available at [http://www.vitasound.com/demo/vitasound\\_demo.html](http://www.vitasound.com/demo/vitasound_demo.html)
- Signal processing components (battery, microphone, digital audio processor and speaker) turn the custom earpiece into a digital electronic hearing protection device, thanks to our efforts to develop the fastest, most efficient, impulse noise (gunshot) attenuation software in the industry.



 **VitaSound**  
Audio Inc.

[www.vitasound.com](http://www.vitasound.com)