



# WHY is the NoiseBuster® Active Noise Reduction Safety Earmuff the **MUST HAVE** hearing protection product?

## 1. **Because low frequency noise is UNSTOPPABLE with traditional passive hearing protection.**

Over the past half-century, technology has improved virtually every aspect of human life. However during this period, not much has changed in the world of industrial hearing protection. Workers basically have their choice of either earplugs or earmuffs. These are called passive ear defenders because they employ acoustic foam to block noise waves from entering the ear. This is effective protection from mid- and high-frequency noise; however, low-frequency noise generated by engines, motors and fans is more challenging. Low-frequency noise waves are longer, can carry great distances and can penetrate passive barriers, even cement walls. The NoiseBuster® Active Noise Reduction (ANR) Earmuff offers an excellent level of passive hearing protection, adding low-frequency noise cancellation to a high-performance earmuff.



- NRR 26
- 20dB additional electronic noise cancellation (ANR) from 20-800Hz

## 2. **Because low frequency noise blocks speech and warning signals—this can be dangerous!**

It's a proven fact that low-frequency noise masks the ability to hear high-frequency sounds (such as those sounds that give the meaning to speech.) This phenomenon is known as the "upward spread of masking". Inability to understand speech and hear warning signals poses a risk to workers in many environments. The NoiseBuster ANR Earmuff protects users' hearing while enhancing intelligibility of these important sounds.

## 3. **Because until now you could never get a product with this level of performance for such a low price!**



Consumer audio products containing ANR technology (such as Bose) are priced as high as \$299. NoiseBuster ANR Earmuff delivers a comparable level of ANR performance, as well as a substantial level of passive hearing protection. The product is designed to be rugged, yet lightweight and comfortable. The NoiseBuster ANR Earmuff is packaged in a hard-shell carrying case and includes an audio input cable and AA battery.



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