

# Filtered Earsets and Earplugs

High-Fidelity Filters

# Hear the speech (not the noise) with filtered products



## Customized Hearing Protection with Acoustic Filters

Earplugs



Radio Monitoring Earsets



Enhanced communication



Avoid Overprotection



Tailored Protection

CavCom's filtered earplugs and earsets provide high-fidelity listening for speech and other important sounds in your workplace. Our specially-designed acoustic filters reduce sounds evenly across a wide frequency range. Sounds become clearer, less distorted and more natural by reducing the "bass" and "treble" evenly. CavCom filters allow you to turn down the volume (noise) without sacrificing listening quality (the sounds you want to hear - warning signals, speech, etc.). Now you can tailor your hearing protection to your workplace - choose which acoustic filter is best for your noise environment and the communication needs of your workers.





# Filtered Earplugs and Earsets

## The High-Fidelity (HiFi) Difference:

CavCom's HiFi filters feature patented technology that was designed to avoid distortion and maintain natural hearing. Speech and other important sounds in your workplace are clearer and easier to understand.

## Why choose filters:

- Improve safety and efficiency by tailoring the amount of hearing protection to the job
- Accommodate workers with hearing loss or those performing hearing-critical jobs
- Avoid "overprotection" for workers in intermittent noise or moderate noise
- Improve comfort by reducing the occlusion effect with an open air passage to the ear
- Improve face-to-face communication with acoustic filters tuned for speech

For the following type of noise		Suggested Filter*	
VERY HIGH NOISE	90 dBA TWA and Above	Standard/Solid Earpiece(s)	
HIGH NOISE	85-97 dBA TWA	HiFi Filter	
MODERATE NOISE	80-89 dBA TWA	Lite Filter	
INTERMITTENT NOISE (or when in and out of noise frequently)	80 dBA TWA and above (close toggle when in high noise areas)	Toggle Filter - Lite	

\*Request CavCom NRR calculator for more precise recommendations