

Competitor Comparison Guide

Hearing loss in the workplace is a growing concern for both workers and companies. According to the U.S. Bureau of Labor Statistics, more than 20,000 workplace hearing loss cases occur annually, many resulting in permanent hearing loss. The Center for Disease Control and Prevention also found that 24% of hearing loss in the United States has been attributed to workplace exposure.

Hearing protection is vital in these noisy environments but it's also important that communication is still achievable. This makes choosing a suitable headset a challenge. There is a wide choice across many brands, product types, designs and functionality. So where do you start?

Whatever your industry - oil & gas, mining, military, transportation or manufacturing, it's important to select the ideal solution to protect you and your team during daily tasks while allowing for effective communication. That's why we've prepared this handy product comparison chart to help you identify the right device that best matches your needs.

About Sensear

Sensear is a global leader in developing and manufacturing best-in-class digital over-ear and in-ear headsets for use with two-way radio and Bluetooth® communication devices. Sensear's patented **SENS® Technology** simultaneously enhances speech and suppresses background noise so that users can verbally communicate, protect their hearing, and maintain 360° situational awareness of their surroundings in noisy environments such as **oil & gas**, **mining**, **construction**, **heavy manufacturing**, and other industrial workplaces.

SENS® Features

Electronic Volume Limiter
that sets the maximum volume for all audio sources to a safe level.

Noise Suppression
built-in technology which reduces harmful background noise to a safe level.

Speech Enhancement
built-in technology which isolates and enhances speech.

360° Situational Awareness
of approaching vehicles, alarms, or other hazards.

Electronic Communication Headset Features

The format and design of your device should match its intended purpose, as well as the user's personal preference.

 Some SENS® features
  All SENS® features

Product Features	 <small>SAFETY THAT SPEAKS VOLUMES</small>	 3M PELTOR		savox	OTTO <small>Expect Excellence.</small>
Two-Way Radio Communication with a noise-canceling mic on a radio-powered headset via a cable with a push-to-talk button.					
Bluetooth Communication and audio streaming for use with smart devices and two-way radios.					
Integrated Radio Communication headset-to-headset with a built-in short-range radio.					
Face-to-Face Communication which allows effective direct communication in-person.					
Simultaneous Audio from multiple sources allowing a battery-powered headset to receive Two-Way Radio, Bluetooth, Short-Range, and face-to-face communication at once.					
Intrinsic Safety Certifications for use in hazardous locations.					
Extreme Noise Protection Greater than 31dB NRR / 38dB SNR featuring in-ear plugs + over-ear cups.					
Electronic In-Ear Communication featuring in-ear plugs ideal for use with respirators and clothing restrictions.					
Programming Tablet to adjust headset settings such as VOX, volume limiter levels, PTT options, audio thresholds, and others to fit users' needs.					

Sensear Product Features Comparison Matrix

Product Features				
Headset Models	SM1R	SM1P	smartPlug	SP1R
SENS® (Speech Enhancement, Noise Suppression)	✓	✓	✓	✓
360° Situational Awareness	✓	✓	✓	✓
Electronic Volume Limiter (82dB)	✓	✓	✓	✓
Noise Cancelling Boom Microphone	✓	✓	✗	✓
In-Ear Microphone	✗	✗	✓	✓
Two-Way Radio Cabled Connection	✓	✓	✓	✓
Cellular LTE Voice/Audio Streaming/ Two-Way Radio (Bluetooth)	✗	✓	✓	✗
FM Short-Range with VOX for headset- to-headset communication (8 Channels)	✗	✓	✓	✗
Face-to-Face Communication	✓	✓	✓	✓
Intrinsic Safety	✓	✓	✗	✓
Double Protection	✗	✓	✗	✗
Radio Powered	✓	✗	✗	✓
Battery Powered (Built-in Li-ION battery)	✗	✓	✓	✗
NRR / SNR / SLC80 Class 5	✓	✓	✓	✓

If you'd like more advice or support, please **book a session** with one of our Headset Specialists.