

SonX: high-noise communication with intelligent hearing health tracking

INDUSTRY

Aviation

VERTICAL SUB MARKETS

Aerospace, airlines, aircraft maintenance, ground crew

KEY CHALLENGES

- Workers contend with high noise conditions
- Exposed to extreme temperatures
- Foreign object debris (FOD) sensitive work areas
- Varying person protection equipment (PPE) requirements
- Need to clearly communicate, in teams, sometimes from a long distance

SOLUTION

- Personal Attenuation Rating testing on demand (SonX Fit Test) gives you the confidence to know your hearing protection is working
- Communication in noise in up to 105 dB(A)
- Lightweight and extremely comfortable to wear
- Meets FOD prevention guidelines
- Push-to-talk and Bluetooth™ radio connectivity allows workers to work effectively in teams



SonX is designed to withstand the daily rigors in aviation

Safety, communication, and noise reduction are an ongoing concern in aviation. It's not just pilots who suffer from hearing loss; baggage handlers, mechanics, those working around the aircrafts are exposed to even higher levels of noise. While these conditions might be an everyday reality, they prove tough to ensure the hearing safety of your teams and ultimately on your bottom line.

When it comes to hearing protection and high noise communication, Canadian-made SonX keeps workers as safe as possible while maintaining optimal team performance in the most severe environments.

- 1. You are always protected because you don't need to remove your protection to hear others.** Microphones are built into the earpiece. Intelligent technology scrubs and eliminates background noise for a clear sound.
- 2. You don't need to shout or remove your respirator or head gear to be heard.** Voice is picked up directly within the ear canal - behind the protection of the earpiece.
- 3. SonX reinforces good safety protocols and lets you know you have properly inserted your hearing protection.** SonX Fit Test lets you know immediately your own Personal Attenuation Rating (or PAR). The results ensure a "green light" for everyone: good PAR results mean the team's PPT communication quality is improved as well. TeamLink tracking proactively supports management with daily worker noise exposure (dosimetry) and PAR reporting.
- 4. Multiple communication options:** 4 push-to-talk channels as well as Bluetooth™ radio. (Some restrictions, speak to your rep for the list of choices).

SonX is the result of 15 years of investment and deep market knowledge - a breakthrough for workers. Our mission is to end Noise-Induced Hearing Loss in the workplace.

DID YOU KNOW?

Rate of work-related hearing loss

29% 42%

civilian pilots

air force

SonX allows you to focus on your job instead of protection: improve productivity, reduce worker stress and rate of accidents.

Active hearing protection that adapts when you need it most

Lower risk of accidents due to overprotection. Intelligent technology measures and adapts the amount of protection you need; whether talking to coworkers, in and out of the office, sudden noise, or just the high decibel levels you deal with every day.

Count on connected communication

Communication up to 105 dB(A)
Push-to-talk with 4 channels
Bluetooth connected radio
360-degree situational awareness

Clear speech in noise no longer a problem

In-ear microphone picks up your voice from directly inside your ear canal. Denoising algorithms remove background noise.

Your hearing protection confidently covered

Check anytime if your HPD is properly inserted and your Personal Attenuation Rating by pressing SonX Fit Test. Red indicates right ear needs refitting; both green - both ears a good fit.

Won't weigh you down

Weighing in at under 4 ounces, with flexible ear hooks, and high-end ear buds, it's extremely lightweight and comfortable to wear.



Safeguard with TeamLink

Outside microphones pick up ambient noise to assess your exposure levels. Track your daily dosage, identify noise problem areas, automatic firmware updates.

Plays well with other PPE

Low-profile earpiece sits snugly under protective eyewear and helmet. Works perfectly with double protection under ear muffs, too.

