

Why Sensear is Unique



Speech Enhancement

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Noise Suppression

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The Seven Wonders of SENS® Technology

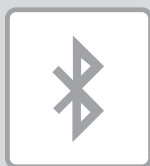
- Complete high noise communication solution:**
 - Face to Face - anyone in vicinity
 - Short Range - up to 50 metres to another Sensear user
 - Long Distance - Easy connection Two Way Radio or Bluetooth Cell Phone
- Hear Speech (without clipping) in any noise:**
 - Intermittent - workshop, machinery, heavy vehicles
 - Continuous - compressor, motors, pumps
 - Impact - hammer, gunshot, explosion
 - Adapts quickly to any changes in background noise type, level or frequency
- Certified maximum output "to the ear" of 82dB in noise up to 110dB**
- Maintain situational awareness and determine nature, distance and directionality of all sounds including:**
 - Speech
 - Machinery/Vehicles
 - Alarms
- Integrated FM Radio & easy connection to MP3 players and other audio devices (also limited to 82dB)**
- Enhances hearing for workers who have already suffered hearing loss, whilst still affording them protection**
- Other Advanced Features:**
 - Hands free communication with VOX activation
 - Li-Ion battery offering up to 20 hours continuous usage before recharge
 - No External Antenna required
 - Voice navigated menus
 - Available in ear muff or ear plug formats



Face to Face



Two Way Radio



Bluetooth cell



Short Range

Corporate Head Office Australia
197-199 Great Eastern Highway
Belmont, WA 6104
Australia 6009
Tel: +61 8 9277 7332
Fax: +61 8 9277 7338
Toll Free: 1-300-859-120

Americas
900 Larkspur Landing Circle
Suite 209
Larkspur, CA 94939
United States
Tel: (888) 9SENSEAR
Fax: 866 269 0129

Brazil
SP Equipamentos de Proteção e M.R.O. Ltda.
Avenida Robert Kennedy 675 -
CEP 09895-003 - Piraporinha
São Bernardo do Campo - SP
Tel: 5592-5000/5001(fax)
www.spequipamentos.com.br
Engo. Carlos A. R. Reganati
Cel: 8111 6954

Chile
LouroPark
Ray Parker
rparker@louropark.cl
Phone: 56 55 210 550
Fax: 56 55 210 551
Cel: 56 9 92289794

Sensear and the Aviation Industry

Delivering an Innovative Solution for Pushback and Ground Staff Applications



The World's Smartest Hearing Protection & Communications Systems

Sensear 
Hear Speech Stay Protected



Gateway Dongle



Ear Muff



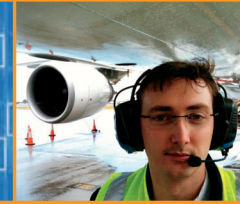
Gateway Dongle



Multiple Ear Muff users supported



Ice Tarmac of Antarctic



Under the cockpit



Tarmac in Western Canada

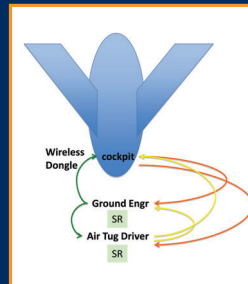
Sensear Smart Avia System - An Innovative Wireless Solution for Pushback and Ground Crew Applications

After extensive Research and Development with some of the world's leading airlines, Sensear is proud to introduce the innovative Sensear Smart Avia System (SAS) using the ground breaking and globally recognized **SENS™** Advanced Communication System.

Sensear's SAS delivers crystal clear wireless, bi-directional communications between cockpit and pushback staff as well as between other ground staff workers.

Sensear SAS Features:

- Comprises any number of earmuffs for ground staff, and a separate "gateway" that plugs into the flight interphone connector located in the nose cone of an aircraft.
- Short Range FM Communication (88 -108 MHz) capability has a range up to 50m
- Ability to uniquely pair a gateway and earmuffs to eliminate interference to/from other Sensear Avia systems in use
- The pairing is field configurable to dynamically add/remove earmuffs to the system.
- Other Sensear earmuff users (SM1x, SM1) can communicate to the ground staff via two-way radio or Bluetooth cellphone.
- Dust-proof and water-proof enclosure allows operation in adverse weather conditions
- Plug and Play – no additional components required for operation
- Easy pairing and configuration using LCD display and buttons
- LCD display indicates the current communication channel used
- LCD display indicates the remaining battery charge
- UL certified Rechargeable Lithium Polymer battery



Sensear - Total Communication Solution for Ground Staff

All Sensear devices use the **SENS™** (Speech Enhancement, Noise Suppression) Technology that simultaneously isolates and enhances speech while suppressing harmful background noise so users can communicate safely and clearly in high noise environments.

This means that in many situations ground crews working out on the ramp can enjoy multiple communication capabilities including face-to-face, two-way radio and Bluetooth cell phone all from the one device.

No more lifting your hearing protection, no more lost communication - Sensear devices enable ground staff to be in complete control of their communication channels whilst remaining protected. And because **SENS™** technology enables situational awareness, users know what's going on around them which is critical for safety out on the ramp.

Aviation Case Studies

Executive Flight Center, Western Canada

Below is an interview with Mike Demers, Executive Flight Center which is a leading marketer of aviation fuel and services throughout Western Canada.

Sensear: What was it about Sensear that motivated your serious consideration?

Mike: I needed both effective hearing protection and the ability to communicate with people out on the ramp face to face and also the ability to communicate on two-way radios effectively. On top of that, we also have a requirement to talk on our cell phones.

Sensear: Why is Sensear right for you?

Mike: As I said I needed a multi purpose communication ear muff that could help my unique hearing challenge. What I love about Sensear is its ability to provide me with the ability to hear speech of the people around me plus provide me the ability to communicate on my two way radio and blue tooth cell phone.

Sensear: Since introducing Sensear what have been the highlights with regard to over all hearing protection and communications effectiveness?

Mike: Sensear has made a huge difference in my ability to communicate on the flight line and I can't imagine being without it! I really don't miss anything anymore. My frustration from missed radio calls is now gone and I am much better able to do my job in the most effective way!



Australian Antarctic Division, Antarctica

Below is an interview with Micky Loedeman, Ground Support Supervisor - Aviation - Australian Antarctic Division.

Sensear: What was it about Sensear that motivated your serious consideration?

Micky: The AAD is a very pro active safety orientated organisation and hearing protection is just one of a number of our most critical safety considerations in everything we do. So we looked at what the major aviation industry players were using and found that Sensear had an OHS compliant product we considered worth investigating and discovered that the ability to trial the Sensear units before investing in equipment that might potentially be unsuitable to our requirements was available and appealed to us.

Sensear: Why is Sensear right for you?

Micky: They have met all our requirements for hearing protection, comfort and communication and were priced within our budgetary constraints.

Sensear: Since introducing Sensear what have been the highlights with regard to over all hearing protection and communications effectiveness?

Micky: Highlights for us in using the Sensear units were an increase in number of people happy to wear them due to the increased comfort and ease of communication.