

SMART- MUFF

Sensear devices are powered by the groundbreaking SENS™ technology, which simultaneously combines speech enhancement with noise suppression to deliver a total high noise communications and protection solution by recognizing the different properties of speech and background noise.

SENS™ enables users to remain aware of their surroundings, communicate in noisy environments and protect their hearing from harmful noise. Featuring a rugged design for heavy duty and general use in environments requiring intrinsically safe certification, the IS Smart Muff is a simple to use, extremely comfortable communication device that delivers face to face, two-way or Bluetooth® cell phone communication, all without the need to remove hearing protection. With Sensear's new IS Smart Muff, there's also no need to connect to other communication devices for short distance communication.

The IS Smart Muff enables ear muff to ear muff communication in high noise environments up to 50 yards and is perfect for workers who work in groups where it is critical to communicate within short distances.

CERTIFICATION

ATEX



Ⓜ II 2G Ex ia IIB T3
Ⓜ I M1 Ex ia I

IECEX



Ex ia I Ma
Ex ia IIB T3 Gb

CSA



Class I, Division 1, Groups C, D T3C

Intrinsically safe SMART MUFF

WIRELESS HEADSET FOR ZONE 1 / DIV 1

FEATURES

- Allows communication in environments above 85 dB (A)
- Protects against all forms of noise - Impact, Intermittent, Continuous
- Safely hear your surroundings whilst also hearing speech
- Binaural Capability - Hear the direction of Speech and other sounds
- Face to Face communication
- Extra soft ear cushions for longwearing comfort
- Industrial ruggedized
- Helmet and neckband version available
- Noise cancellation microphone
- Usability even in Mining environments

SCOPE OF DELIVERY

- Headset
- Manual
- Wall charger
- Allen wrench

For accessories, like 2-way Radio Adapters, please contact ecom instruments GmbH

TOTAL HIGH NOISE COMMUNICATION SOLUTION FOR INTRINSICALLY SAFE ENVIRONMENTS



- 2-Way Radio Interface
- Wireless Bluetooth® connection to cellular phones
- Communicate short range distances Ear Muff to Ear Muff, up to 50 yards

TECHNICAL DATA

Ambient temperature Ta:	-4 °F ... +104 °F
FM reception:	88.0 to 108.0 MHz
Talk time:	min. 12 hours
Speaker output:	limited to 82 dB(A) in ear
Noise Reduction Ratings (NRR):	Neckband: 25 dB Helmet Mount: 23 dB
Weight:	approx. 1 lbs

