

# Acoustic protection



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## Being protected without being isolated

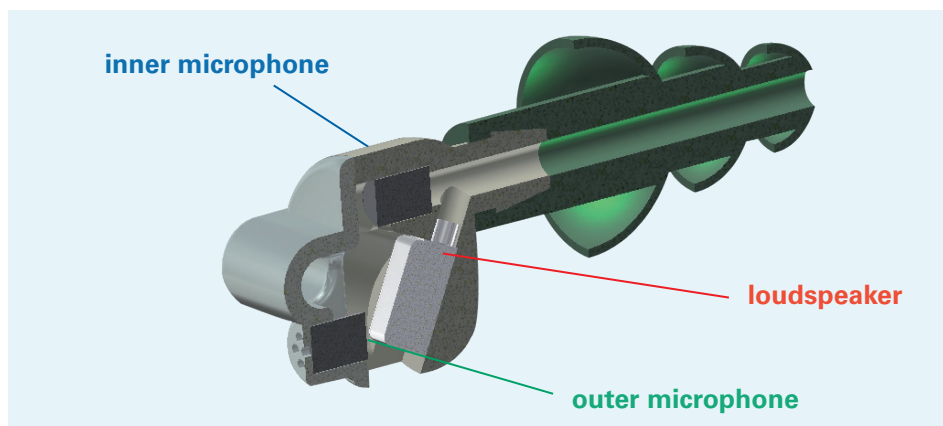
**Passive and active earplugs** provide hearing protection against continuous and weapon noises while maintaining a **good awareness of the environment**.

**Innovating signal processing techniques** provide hearing protection and reduce hearing injuries due to loud continuous noise and impulsive weapon noise, while improving operational efficiency by allowing a good perception of the acoustic environment.

### Very low-cost nonlinear passive earplugs



### Active earplugs (electronic system)

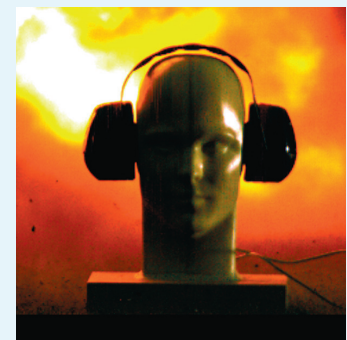


### Technical features

- Passive earplugs including ISL patented filters providing level-dependent noise attenuation
- Active components: improvement of audio communication in noisy environments by using specific transducers and adapted signal processing techniques

### References

- Approval for operation by using the ISL Acoustic Test Fixture (internationally recognised standard ANSI/ASA-12.42-2010) for noises up to 195 dB peak
- Millions of passive earplugs in use, produced under ISL licence



**ISL – French-German Research Institute of Saint-Louis**

5 rue du Général Cassagnou • 68301 Saint-Louis • France