



**3M™  
PELTOR™  
Interactive  
Product  
Catalogue**

## Introduction to 3M™ PELTOR™ and Industries

Gone are the days when wearing hearing protectors meant isolation and disconnection. With 3M™ PELTOR™, you can now experience top-tier communication solutions that enhance both safety and efficiency throughout your workday.

3M™ PELTOR™ products are engineered for environments where high safety standards must be paired with seamless communication. Whether in industrial settings, construction sites, agriculture, or military operations, 3M™ PELTOR™ has developed a range of models to suit every need. From headband models for general use to helmet-mounted options for workers requiring head protection, there's a 3M™ PELTOR™ headset for every situation.

The 3M™ PELTOR™ range delivers advanced technology and superior safety for an optimal user experience in any environment. Offering ease of use, cutting-edge features, and functionalities such as Level Dependant technology for noise protection, enhanced situational awareness, and clear communication, plus Bluetooth connectivity.

## Contents

## Function Symbols

To help you understand the functionality of the products, you will find the symbols below on the relevant product pages.

# The Importance of Hearing Protection

For over 70 years 3M™ PELTOR™ headsets have helped protect workers' hearing in very loud environments while still allowing them to communicate effectively. Today 3M™ PELTOR™ is a respected global leader in hearing protection and communication solutions, making headsets that are built tough for the working professional.

## Hearing Loss – European Statistics

**22.6 Million**

adults live with untreated disabling hearing loss<sup>1</sup>.

**35% Of people**

with hearing loss use hearing aid<sup>1</sup>.

**\$185 Billion**

annual cost burden due to low quality of life and productivity loss\*.

**Hearing loss**

is the largest risk factor for dementia and cognitive decline<sup>2</sup>.

## Hearing Loss – Global Predictions<sup>3</sup>

**22.5 Billion**

people are projected to have some degree of hearing loss in 2050.



**430 Million people** suffer from disabling hearing loss.



**700 Million people** will require hearing rehabilitation.



**>1 Million young people** (12-35 years) are at risk of hearing loss due to recreational exposure to loud sound.

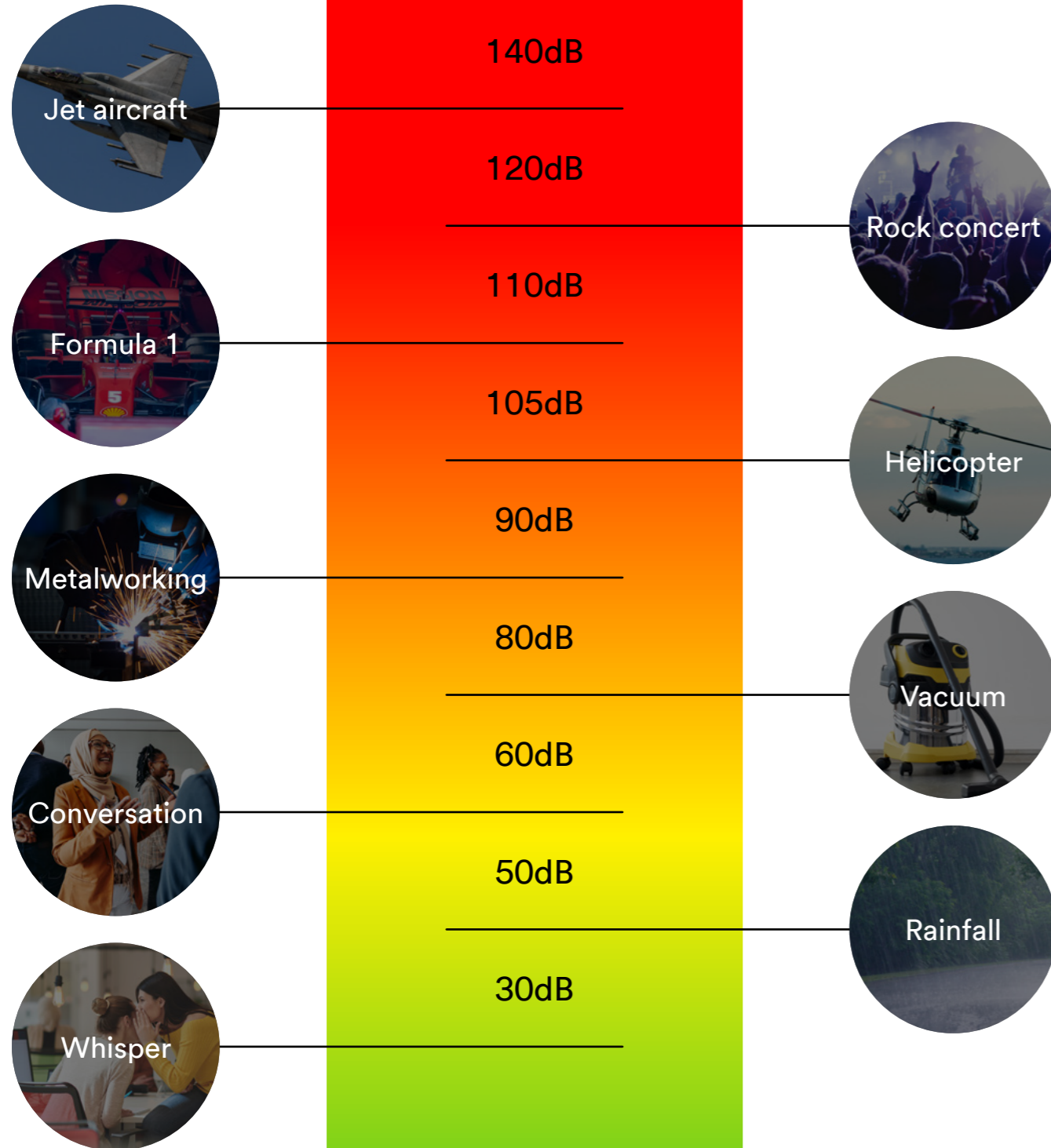
## Hearing Protection for When It's Noisy; Helps You to Hear When It's Not.

Hearing loss is a serious and often irreversible consequence of prolonged exposure to hazardous noise. In high-risk industries, workers are constantly exposed to loud environments that can lead to long-term health issues. Beyond personal well-being, unprotected hearing loss can impact productivity, workplace safety, and overall quality of life.

### Hearing loss can lead to:

- Fatigue, anxiety, stress
- High blood pressure
- Tinnitus
- Loss in productivity
- Impact on employability
- Increased risk of accidents
- Low self-esteem, loneliness, abandonment
- Increased wastage
- Risk of disability and dementia with hearing loss<sup>4</sup>
- Dementia cases are about 1 million now in the UK<sup>4</sup>

## How Loud is Too Loud?



↖ Hover here

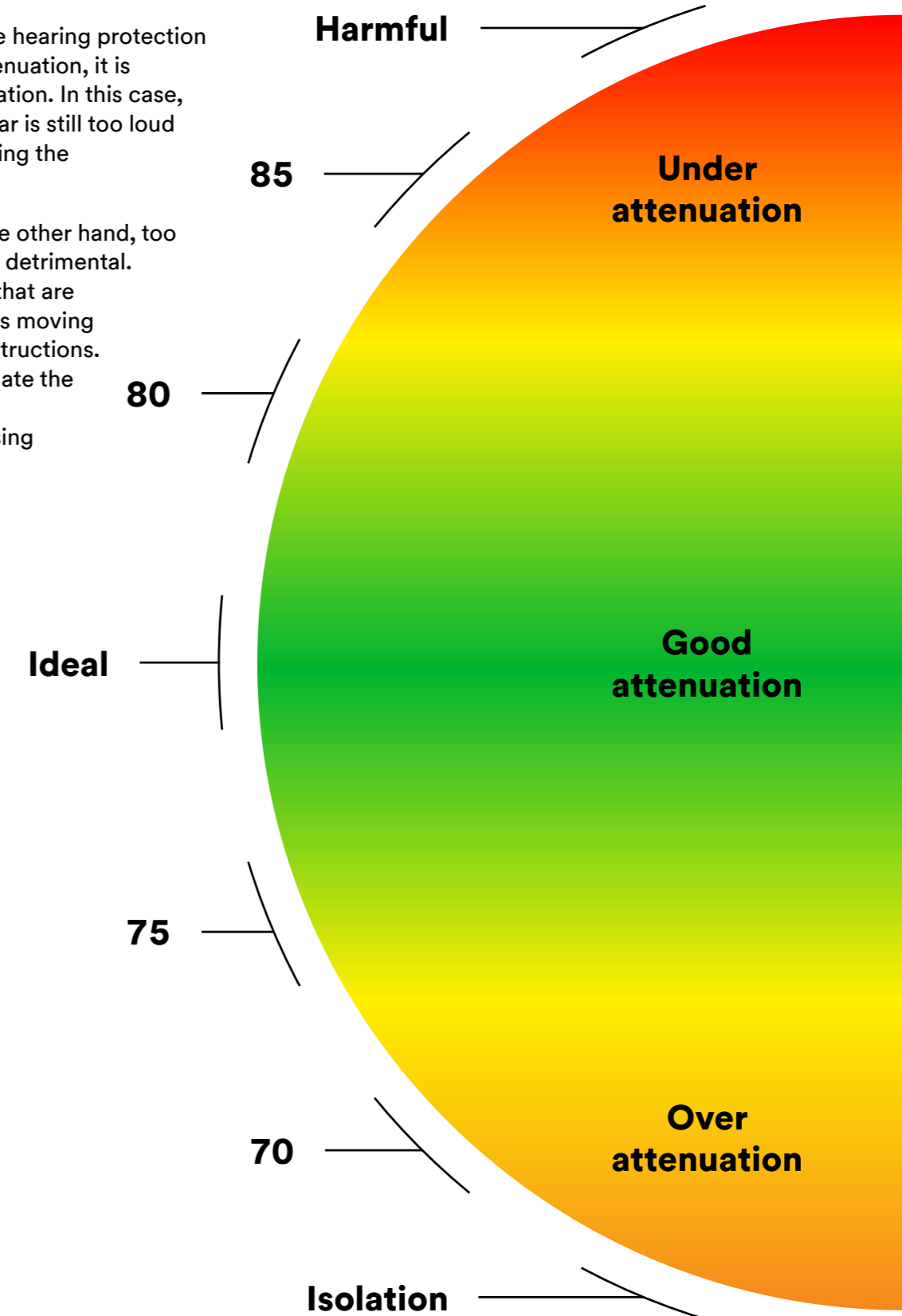
## Sound Level Under Hearing Protection (dB)

When choosing hearing protection, it's crucial to focus on the appropriate level of attenuation it offers. Here's why:

**Good attenuation:** The ideal level of attenuation allows the user to hear sounds at around 75 to 80 decibels, balancing protection and awareness of the environment.

**Under attenuation:** If the hearing protection doesn't offer enough attenuation, it is considered under attenuation. In this case, the sound reaching the ear is still too loud and can be harmful, making the protection ineffective.

**Over attenuation:** On the other hand, too much attenuation can be detrimental. It may block out sounds that are important to hear, such as moving vehicles, warnings, or instructions. Over attenuation can isolate the user from the workplace environment, compromising safety and awareness.



# 3M™ PELTOR™ CH-3 Headset

The CH-3 headset takes hearing protection and communication in noisy environments to the next level of performance. Critical communication has never been easier.

Enhanced Comfort  
for Long Hours of Use

Flexible and  
Cost-Effective

Excellent Acoustical  
Performance

Built for Tough  
Conditions

## Key features of the CH-3 Headset



Hover on image to discover features



Please refer to the next page for the available ranges →



## 3M™ PELTOR™ CH-3 Headset with PTT on Cup

CH-3 FLX2 Headset with PTT is the solution when you want a smooth and easy-to-use setup with fewer cables and easy access to the PTT on the left side of the headset.

## 3M™ PELTOR™ CH-3 Headset with NO PTT on Cup

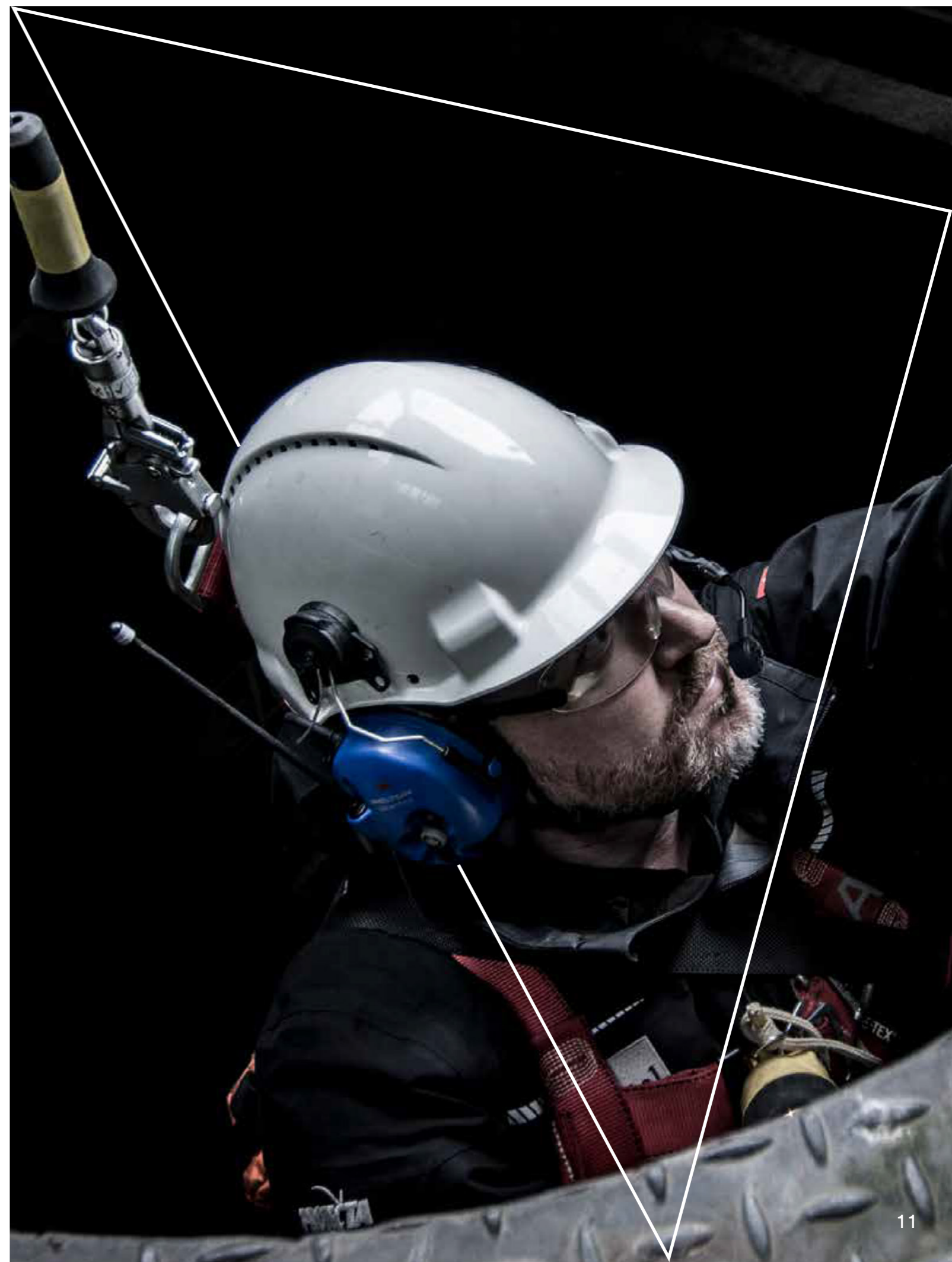
CH-3 Headset is the solution for where it's more convenient to have a larger, external PTT on your chest to control your 2-way radio rather than a PTT on the cup.

## 3M™ PELTOR™ CH-3 Listen Only Hearing Protector

CH-3 FLX2 Listen-Only Hearing Protector is the solution when you need to be in touch with your peers by listening only, perhaps with this headset connected to an RSM. Transmit would be available through the RSM and radio, with receive through the listen-only headset.

## 3M™ PELTOR™ CH-3 Listen Only Hearing Protector - ATEX

CH-3 FLX2 Listen-Only ATEX Hearing Protector, built for use in intrinsically safe environments. This solution keeps you in touch with your peers by listening only, perhaps with this headset connected to an RSM. Transmit would be available through the RSM and radio, with receive through the listen-only headset.



# The 3M™ PELTOR™ LiteCom Series

The 3M™ PELTOR™ LiteCom Series, featuring a built-in two-way radio, unlocks a world of communication possibilities. Noisy environments will no longer prevent you from working effectively - LiteCom headsets provide hearing protection while keeping you connected. Whether you are a part of a small team or a large group, everyone linked by two-way radio can perform tasks efficiently and on time. The PELTOR™ LiteCom headset ensures quick and flexible responses to unexpected situations, allowing your team to stay focused without disrupting others.

## For Your Hearing's Sake

It's hard to imagine a more intelligent series of hearing protectors than the 3M™ PELTOR™ LiteCom. The top priority is to safeguard one of your most vital senses – your hearing. The best way to protect your hearing is by wearing a hearing protector at all times. That's why 3M™ has added a range of features that make communication easy and natural. The result? You'll never need to remove your hearing protector - even for a second - meaning you're constantly protected in potentially harmful environments.

## Intelligent

The real brilliance of the 3M™ PELTOR™ LiteCom lies not just in its features, but in how its technology works together. The microphone effectively filters out unwanted background noise while enabling a quick and seamless connection as soon as you start talking. Communication with those around you is effortless, and external calls from your mobile phone are easily handled. With no cords to get in the way, simple controls, and crystal-clear sound that automatically adjusts if someone speaks too quietly, it's truly intelligent design in action.

## Smart Safety

The active, level-dependent handling of ambient sound in the 3M™ PELTOR™ LiteCom Plus and WS LiteCom is as smart as it is safe. You're never isolated from your surroundings - you can hear alarms, unexpected sounds, and calls for help. This ensures you can detect hazards in time and react quickly in case of an accident. The LiteCom product allows you to swiftly call for help, whether for yourself or others.

## Ready for Music

Both the 3M™ PELTOR™ LiteCom Plus and WS LiteCom allow you to stream music from an entertainment radio or internet (LiteCom Plus streams via cable). The volume automatically mutes when there's a call over the communication radio or when you need to speak with a co-worker.

## 3M™ PELTOR™ LiteCom

With 3M™ PELTOR™ LiteCom, communicating in noisy environments has been made easy and safe. LiteCom is a tough and rugged headset designed to cope with demanding use in many different working environments.



## 3M™ PELTOR™ WS LiteCom PRO III EX

3M™ PELTOR™ WS LiteCom Pro III Headsets are ATEX certified for intrinsically safe environments. These high-performance hearing protectors have a built-in analogue and digital programmable two-way communication radio, level-dependent functionality for ambient listening, Bluetooth multipoint connectivity, Lithium-Ion rechargeable battery and an external connection jack. Available in headband, neckband and helmet-mounted models.



## 3M™ PELTOR™ LiteCom Plus

3M™ PELTOR™ LiteCom Plus is based on LiteCom's robust design with several added features. A built-in communication radio allows two-way conversation on up to 16 channels and has a range of up to 3,000 metres.

## 3M™ PELTOR™ WS LiteCom Plus

3M™ PELTOR™ WS LiteCom Plus with Bluetooth opens up a world of communication with your built-in two-way radio headset at the hub. You become a mobile, hands-free communication center, a built-in two-way radio and wireless connections to your computer and cell phone.



## 3M™ PELTOR™ WS LiteCom Pro III GB Headset

Pre-programmed Analog/Digital 2-way radio Headset. The 3M™ PELTOR™ WS LiteCom Pro III GB Headset is the next-generation protective communication solution.





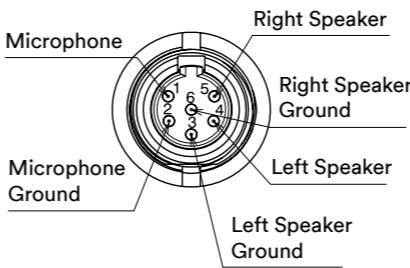
# Accessories

## 3M™ PELTOR™ FLX2 Cables

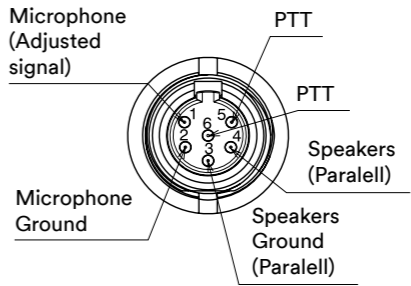
Article Number	Description	Headset
FLX2-200	Cable J11 Standard	-110
FLX2-201	FLX2 Cable for Ground Mech	-110
FLX2-111	Cable for Hytera DP7*	-111
FLX2-35	Cable for Icom angeld 2-pin	-111
FLX2-44	Cable for Icom F31/F41	-111
FLX2-64	Cable for Icom F34/F44	-111
FLX2-36	Cable for Kenwood 2-pin	-111
FLX2-107-50	Cable for Kenwood NX5000	-111
FLX2-21	Cable for Motorola GP300/DP1400	-111
FLX2-32	Cable for Motorola GP340	-111
FLX2-65	Cable for Motorola GP344	-111
FLX2-18	Cable for Motorola GP900	-111
FLX2-63-50	Cable for Motorola DP4***	-111
FLX2-28	Cable for Mobile/Dect phone	-111
FLX2-101	Cable for Sepura STP 8*/9*	-111
FLX2-202	Cable 3,5mm Stereo	-112
FLX2-203	Cable 2,5mm Mono	-112
FLX2-204	Cable ¼” Stereo	-112
FLX2-205	Cable 3,5mm Mono	-112
FLX2-208	Cable 3,5mm Threaded	-112

## Pin Configurations

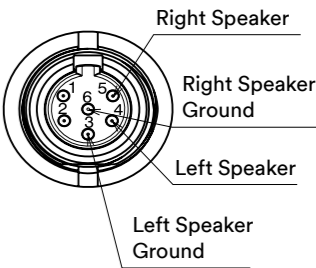
-110 Headset Pin Side



-111 Headset Pin Side



-112 Headset Pin Side



## Accessories and Hygiene kits

↖ Hover for more info



**PELTOR™**

**XEVA**

**3M™ PELTOR™**

**Hearing Protection  
Has Never  
Sounded Better.**

**To find out more contact  
your local distributor:**

[www.xeva.group](http://www.xeva.group)

[sales@xevalgroup](mailto:sales@xevalgroup)

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