



# HEARING PROTECTION TOP SELLERS CATALOGUE.

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2020

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**Honeywell**

# HEARING LOSS PREVENTION SOLUTIONS

Excessive noise is dangerous for your hearing. Don't ignore the risks. Put an end to hearing loss with the wide range of Honeywell Howard Leight Hearing Loss prevention solutions.

Noise-induced hearing loss rarely happens overnight. Rather, it accumulates over time with every unprotected exposure to hazardous noise. We are born with around 30,000 hair cells in each ear. Above 80 decibels (for 8 hours), noise can destroy these hair cells and gradually lead to hearing loss. This hearing loss is sadly irreversible, but it is entirely preventable.

To help HSE managers develop and deploy effective and suitable Hearing Loss Prevention programs for their environment, Howard Leight offers a wide range of solutions: innovative products, advice, educational and training tools, and on-site fit testing to ensure that hearing protectors fit the wearer. The Howard Leight brand is a global leader in passive and intelligent hearing protection.

Let's put an end to hearing loss! Choose the hearing protection that suits you best and that you can wear comfortably 100% of the time when you are exposed to noise.



## EXPERTS IN PREVENTING OCCUPATIONAL HEARING LOSS FOR MORE THAN 30 YEARS.

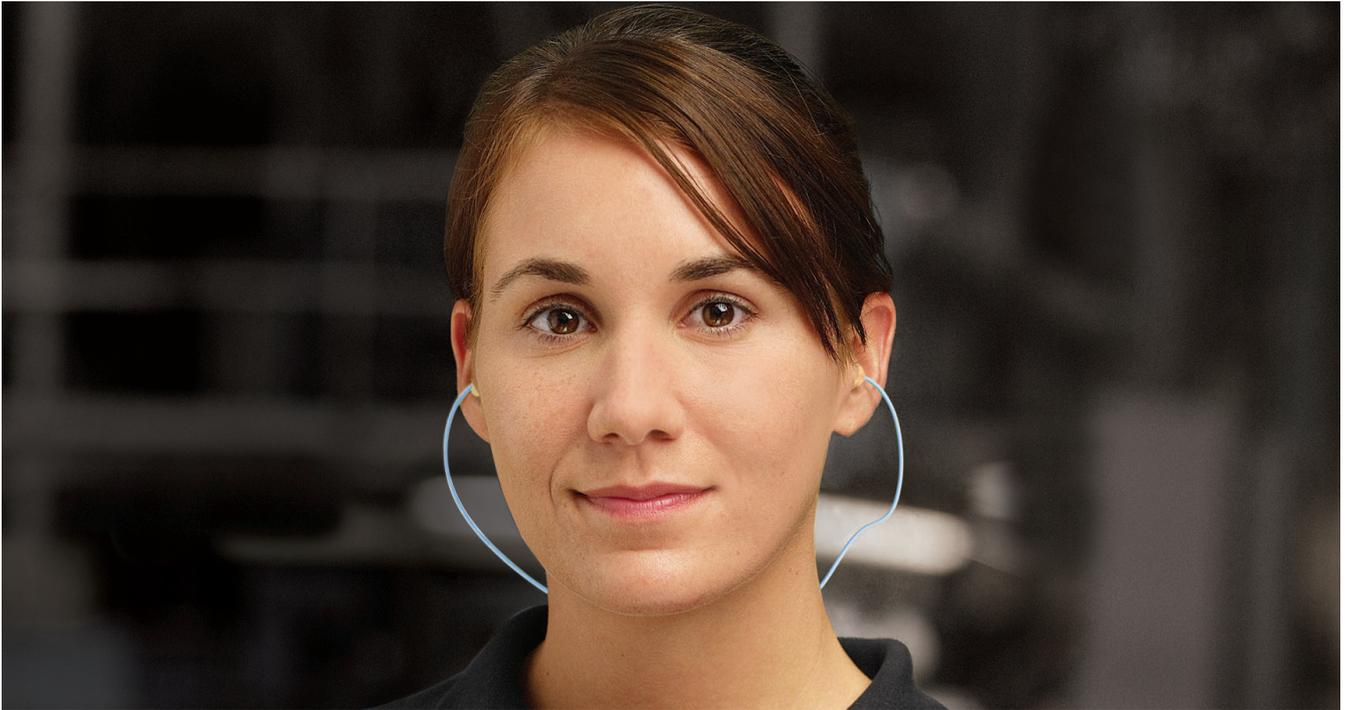
Howard Leight developed the first polyurethane foam earplug and the first banded earplugs more than 30 years ago.

Today, Howard Leight has several acoustic laboratories, with international teams of engineers. With its expertise in preventing occupational hearing loss, Howard Leight has developed technologies that make it the world leader in the field:

- Innovative technologies to bring a constant improvement in comfort and easy fitting of the hearing protector.
- Polyurethane foam: its patented technology (semi-open cell structure) makes it easy to insert into the ear canal for increased comfort.
- Conforming Material Technology: body heat softens the material to make it more flexible and exert less pressure in the ear canal.
- A wide variety of shapes, sizes, and colors allow users to choose the protector that suits them best.
- Users can choose the product that they find most comfortable and that they are happy to wear 100% of the time they are exposed to noise. We offer options according to the choice of comfort and/or compatibility with other PPE.
- Ultra-innovative communication system:
  - In-ear communication system
  - Automatic fit testing
  - Integrated dosimetry
  - Active Noise Reduction

### CONTENT

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According to the latest Personal Protective Equipment (PPE) Regulation in Europe (EU) 2016/425, harmful noise is now considered an irreversible health risk.

As of April 2018, hearing protection was re-classified from Category II to Category III types of risks, which means that protective equipment must pass stricter tests for conformity and certification.



### **WHAT DOES THIS MEAN?**

The new PPE Regulation (EU) 2016/425 acknowledges the fact that noise induced hearing loss (NIHL) is a serious threat with an irreversible damage to health.

Although it is irreparable and irreversible, it can be easily prevented with appropriate hearing protection from a trusted supplier.

Importers and distributors need to guarantee that only PPE that conforms to the new PPE Regulation is available on the market.

If you need more information on the PPE Regulation, please contact your Honeywell representative or visit our website [www.honeywellsafety.com](http://www.honeywellsafety.com), where you can download more useful tools to help you understand and prepare for the new PPE Regulation.



Effective hearing protection is not simply a product offering the highest attenuation value, but the best protection for each employee in his or her environment. It is about reducing hearing loss associated with noise and thus improving safety.

Howard Leight helps HSE managers to meet the challenges of a good hearing loss prevention program:

- Reducing costs/complaints
- Monitoring “at risk” employees
- Choosing the most suitable product(s)
- Providing the best protection for every employee
- A good balance between protection and communication
- Training

Howard Leight provides training materials to support you in your daily hearing loss prevention efforts. Please ask us for these materials to raise awareness among your employees of the various risks associated with noise-induced hearing loss and the use of PPE in noisy environments.

### SELECTING THE PROPER EARPLUG

Fit-testing allows a worker to try a variety of hearing protectors that may be suitable. Often, the worker’s first choice of earplugs is not the best. Here are some selection tips that have proven useful in one-on-one training.

#### GENERAL EARPLUG SHAPES

**Size:** Look at the ear canal opening to determine if a different size would be helpful. Women often have smaller ear canals.

**Shape:** Ear canal openings may appear as round, oval or a slit. A foam earplug often fills an oval or slit in the ear canal.

**Ease of insertion:** An earplug with a stem may be easier for some workers to insert.



SINGLE-USE	LARGER FOAM	MAX®	FirmFit™	Bilsom 303/304®L				
	SMALLER FOAM	Bilsom 303/304®S	Max Lite®	Laser Lite®	Laser Trak® Detectable			
MULTIPLE-USE	LARGER REUSABLE	SmartFit®	Fusion®	Clarity® 656	Airsoft®	SmartFit® Detectable	Fusion® Detectable	Quiet®
	SMALLER REUSABLE	Fusion® Small	Clarity® Small					
	PUSH-IN FOAM REUSABLE	Trust Fit™						

## FIX-A-FIT



### Addressing underprotection

Having an earplug in the ear is no guarantee of adequate protection. Fit-testing often reveals poor protection levels that can be corrected with simple steps.



### Eliminating discomfort

An uncomfortable earplug potentially reduces wear time, and is often a sign of an improper fit or incorrect sizing. Take the time to find the proper earplug style and fit that are best for you and will provide adequate protection the entire work shift.



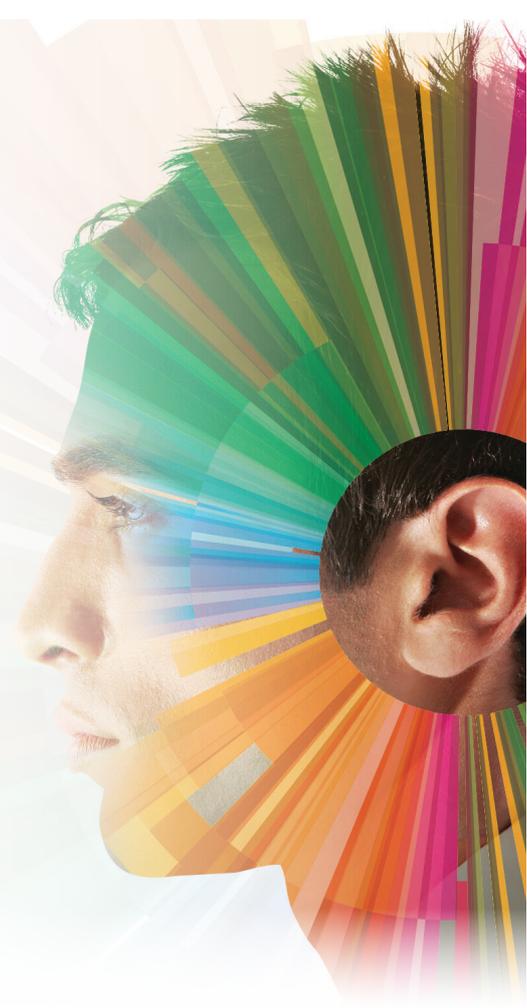
### Fixing hidden leak

A hidden leak can significantly reduce protection levels. The earplug may appear to be inserted correctly, but improper sizing and selection or even a crease in the earplug may cause an acoustic leak that is not readily visible.



### Too much earplug showing

To effectively block noise, nearly all of the earplug needs to be inside the ear canal. Too much earplug showing outside of the ear canal is a sign of a shallow insertion, not deep enough to adequately block noise.



## HOW TO PROPERLY INSERT EARPLUGS

Step 1



**ROLL:** For roll-down foam earplugs, start rolling the foam gently to avoid creases. Then roll firmly to make the cylinder as small and stiff as possible. Move quickly to next step so that the earplug doesn't expand before insertion.

Step 2

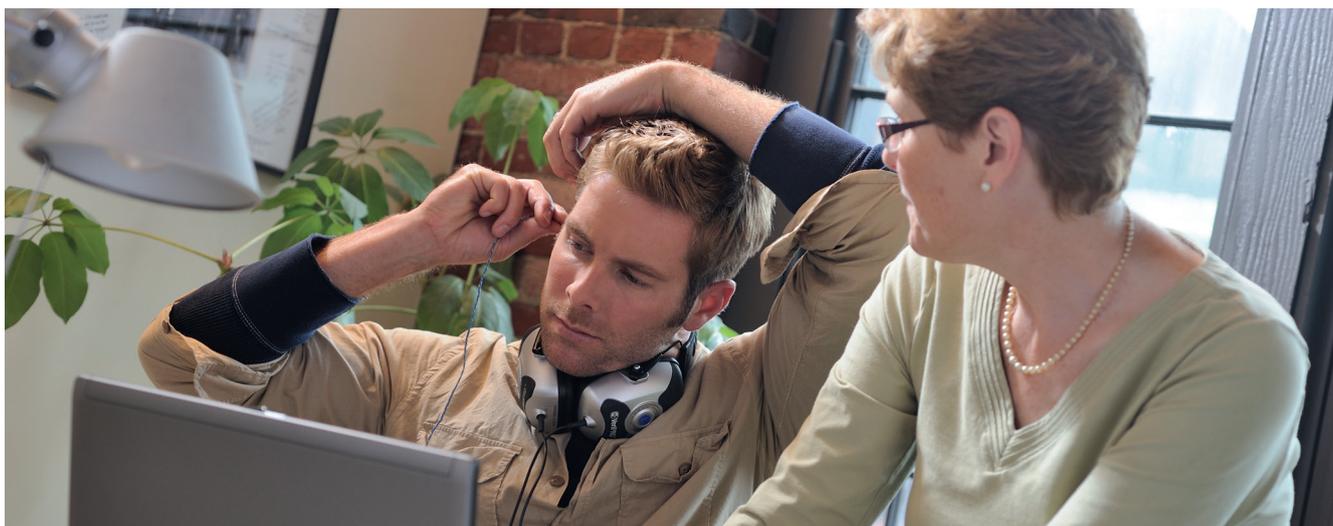


**PULL:** Reach over the head to pull OUT (or for some people, pull UP or BACK) on the outer ear. Have someone observe and give you feedback about which pull-direction is most effective in opening the ear canal for a better fit.

Step 3



**INSERT:** Insert the earplug far enough so that it goes around the bend in the ear canal. This often feels sensitive (not painful), or may trigger a cough reflex. This is normal. Let go of the ear after the earplug is fully inserted.



## VERIPRO®

### A personal approach to Hearing Loss Prevention

VeriPRO makes it easy to get a clear and accurate idea of your employees' hearing protection. Find out whether they are receiving optimal protection, require additional training on how to fit their earplugs, or need to try a different model. VeriPRO uses sophisticated software in a user-friendly format to calculate the Personal Attenuation Rating (PAR) your employees are receiving from their earplugs.

### VeriPRO provides a precise, real-time image of the effectiveness of your earplug and can identify whether the employee:

- Has been given the best possible protection
- Needs additional training
- Needs to try a different earplug (shape, size, etc.)
- A unique tool to measure personal attenuation
- Allows you to monitor and document whether your employees know how to wear their earplugs properly
- Works with any earplug

For more information on VeriPRO, please contact us.



REF.	DESCRIPTION
1018064	Complete VeriPRO unit



Single-use earplugs are an economical solution, ideal for work situations that demand a high degree of comfort, frequent changes or where hygiene conditions prohibit reuse. All single-use uncorded earplugs are supplied in boxes of 200 pairs or cases of 2000 pairs. All single-use corded earplugs are supplied in boxes of 100 pairs or cases of 1000 pairs (except Bilsom 304).

**BILSOM®**

SNR 33

Energized for personal comfort and performance.

- Tapered design for ease of insertion.
- Leight Stripe™ formula: a slick blend of yellow and white polyurethane foam that feels soft to the touch and in your ear.
- Easy to roll and insert correctly: Resists tendency to back out of the ear canal. Less expansion pressure for long-term comfort.
- Smooth, soil-resistant skin prevents dirt build-up on earplugs.
- Available in two sizes to ensure a perfect comfortable fit



REF.	DESCRIPTION	PACKAGING
1006186	Howard Leight 303L refill	Box of 200 pairs
1005073	Howard Leight 303L case	10 boxes of 200 pairs
1006187	Howard Leight 303S refill	Box of 200 pairs
1000106	Howard Leight 304L corded	100 individual pouches
1000107	Howard Leight 304S corded	100 individual pouches

### LASER LITE®

SNR 35

Colourful protection.

- Bright colours make the Laser Lite visible and appealing.
- The foam expands to mould to the shape of virtually every ear.
- Contoured T-shape for easy insertion and removal.



REF.	DESCRIPTION	PACKAGING
3301105	Laser Lite uncorded	Box of 200 pairs
3301271	Laser Lite refill	LS400
1013047	Laser Lite refill	LS400
3301106	Laser Lite corded	Box of 100 pairs

### MAX®

SNR 37

High SNR attenuation index and optimum comfort.

- The world's most-used polyurethane foam earplug.
- Improved shape for easy insertion and a better fit.
- Bell shape for maximum in-ear comfort.



REF.	DESCRIPTION	PACKAGING
3301165	Max refill	LS500
3301161	Max uncorded plug	Box of 200 pairs
1013046	Max refill	LS400

**FUSION®**

SNR 28

Total protection, exceptional comfort and a perfect fit.

- Central FlexiFirm stem for easy fitting.
- SoftFlange for superior comfort and fit.
- Unique detachable cord system.
- HearPack storage case.

REF.	DESCRIPTION	PACKAGING
1011282	Fusion Blue corded, standard size	Box of 50 pairs, case of 500 pairs



**SMARTFIT®**

SNR 30

A revolution in terms of fit.

- CMT technology: malleable material that uses body heat to adapt to the shape of the ear canal.
- Superior comfort and an individual fit.
- Simplified inventory control - a single product fits almost every user.
- Unique detachable cord system.
- HearPack storage case.

REF.	DESCRIPTION	PACKAGING
1011239	SmartFit corded	Box of 50 pairs, case of 500 pairs



All our detectable earplugs are designed for high visibility and detectability. They are available in two versions : single-use or reusable earplugs. They have been specially designed for working environments where contamination from foreign objects is unacceptable.



**SMARTFIT® DETECTABLE**

SNR 30

Detectable earplugs for long-term comfort.

- Delivers superior comfort and a truly individual fit.
- Simplified inventory management: a single product fits almost every user.
- Multi use

REF.	DESCRIPTION	PACKAGING
1012522	Corded	Box of 50 pairs, case of 500 pairs



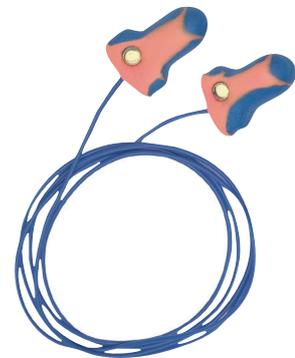
**LASER TRAK®**

SNR 35

The highest attenuation rate in its class.

- The foam expands to fit virtually every ear.
- Single use

REF.	DESCRIPTION	PACKAGING
3301167	Corded	Box of 100 pairs, case of 1000 pairs



Save time and space and reduce waste. Whatever the use of the earplugs, dispensers offer an economical, hygienic and user-friendly solution to hearing protection.

**HL400® EARPLUG DISPENSER**

**NEW**

Your Choice in Hearing Protection

Two dispensers are available according to the need:  
HL400 as a lite version, and HL400F as a framed version.

- Modern, light weight, and durable plastic design
- Easy to install – no assembly needed
- Can be mounted to a wall or tabletop or can be free standing
- Easy to mount
- Universal wall mounted: system (holes) match many other dispensers already on the market place
- Easy twist knob with 180° of access
- Catch basin prevents earplugs from falling onto the ground
- Canister hold 400 pairs of Howard Leight disposable earplugs: Bilsom 303, MAX, MAXLite, Laser Lite, Firm Fit, and Multi Max
- The canister is a level 7 polycarbonate blow-mold and is recyclable
- Dispenser can be easily refilled by either inserting a new prefilled canister, or reusing the empty canister and filling with earplugs by using the zip top bag



**HL400-F WITH CANISTERS AND 400 PAIRS OF EARPLUGS**

SKU	DESCRIPTION	SNR	SELLING UNITS
50129760-001	HL400-F Frame dispenser with 400 pairs Bilsom 303L	33	1 dispenser and 1 canister per case
50129761-001	HL400-F Frame dispenser with 400 pairs Bilsom 303S	33	1 dispenser and 1 canister per case
50129762-001	HL400-F Frame dispenser with 400 pairs Laser Lite	35	1 dispenser and 1 canister per case
50129763-001	HL400-F Frame dispenser with 400 pairs Max	37	1 dispenser and 1 canister per case
50129764-001	HL400-F Frame dispenser with 400 pairs Max Lite	34	1 dispenser and 1 canister per case
50129766-001	HL400-F Frame dispenser with 400 pairs FirmFit	37	1 dispenser and 1 canister per case



HL400F Full Frame  
Robust design for high traffic



HL400 Lite Frame  
Lighter design for smaller spaces

**HL400 LITE WITH CANISTERS AND 400 PAIRS OF EARPLUGS**

SKU	DESCRIPTION	SNR	SELLING UNITS
50129767-001	HL400 Lite dispenser with 400 pairs Bilsom 303L	33	1 dispenser and 1 canister per case
50129768-001	HL400 Lite dispenser with 400 pairs Bilsom 303S	33	1 dispenser and 1 canister per case
50129769-001	HL400 Lite dispenser with 400 pairs Laser Lite	35	1 dispenser and 1 canister per case
50129770-001	HL400 Lite dispenser with 400 pairs Max	37	1 dispenser and 1 canister per case
50129771-001	HL400 Lite dispenser with 400 pairs Max Lite	34	1 dispenser and 1 canister per case
50129773-001	HL400 Lite dispenser with 400 pairs FirmFit	37	1 dispenser and 1 canister per case



We offer a whole range of high-performance features, including a patented band design that prevents pods from touching dirty or contaminated surfaces when they are put down. These banded earplugs are especially recommended for managers and for use in environments with intermittent exposure to noise.



**PERCAP®**

SNR 24

Comfortable, lightweight and flexible banded earplugs.

- Super-soft, lightweight semi-aural pods rest outside the ear canal for unparalleled comfort.
- Multiple positions: over-the-head, under-the-chin, or behind-the-neck wear.
- Compact, folding design for easy storage in pockets.
- Ideal for users exposed to intermittent noise.
- Lightweight, just 10 grams.



REF.	DESCRIPTION	PACKAGING
1005952	Bilsom PerCap	Case of 10 pairs

## SYNC® – LISTEN TO YOUR MUSIC IN COMPLETE SAFETY.

Most radio earmuffs provide some level of hearing protection, but often sacrifice sound quality for attenuation. That's why we created Sync, the latest generation of passive earmuffs for active lifestyles. These stereo radio earmuffs protect your hearing, offer high-quality sound, and allow you to listen to the radio and personal audio devices safely at work and at home.

All Sync earmuffs feature patented Air Flow Control technology, delivering optimum attenuation across all frequencies without increasing ear cup size or weight.

### SYNC® WIRELESS

SNR 32

Connect wirelessly, answer calls, and stream information from your mobile phone.

- Easy push-button connectivity to any Bluetooth® device.
- Robust boom microphone with windsock for voice clarity in high-noise environments.
- Lithium Ion battery featuring 16+ hours of battery life while streaming.
- Volume control buttons and flashing colored lights visually indicate different settings.
- High passive attenuation SNR 32.
- No battery replacement required; includes USB cable and wall charger.



REF.	DESCRIPTION	PACKAGING
1034510	Sync Wireless	1-each boxed, 5 boxed per case

**SYNC® WIRELESS WIRELESS ELECTRO & IMPACT** SNR 30

Connect wirelessly and communicate naturally in high-noise environments

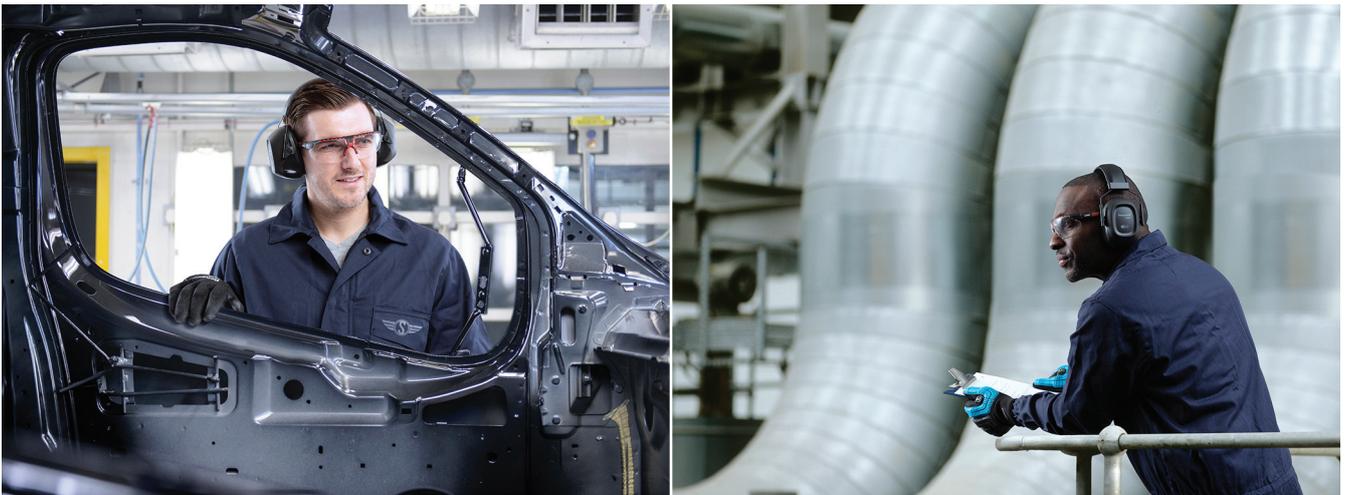
- Bluetooth technology allows the user to connect wirelessly to a mobile device to answer calls or stream music when working, avoiding the hassle of cables (SW 4.0 compliant)
- Low power consumption
- Supported Bluetooth profiles: Hands Free Profile, Headset Profile, Advanced Distribution Profile, and Audio Video Remote Control Profile
- Wide Band Speech is also known as HD voice.
- Voice dial function( (SIRI or Google Voice)
- Hear-through function with built-in microphones allows the user to stay aware of the surrounding sounds and avoid a sense of isolation.
- Hard Hat version Compatible with the top selling 6 hard hats.
- Flexible boom microphone to be able to remove it from in front the mouth, when not in use and Kevlar reinforced cable for increased durability
- Long battery lifetime (2AA), with battery indication LED
- Sync Wireless Electro has Digital FM radio function with 10 station memory presets



Sync Wireless Electro has Digital FM radio function with 10 station memory presets



REF.	DESCRIPTION	CONFIGURATION / PACKAGING
1034321-0	Sync Wireless Impact – Headband Version	1 each - Boxed / 6 Box per case
1034323-0	Sync Wireless Impact H – Hard Hat Version	1 each - Boxed / 6 Box per case
1035341	Sync Wireless Electro-Headband version	1 each - Boxed / 5 Box per case
1035342	Sync Wireless Electro-Hard Hat Version	1 each - Boxed / 5 Box per case



### HONEYWELL VERISHIELD 100 SERIES

Hearing protection equipment is only effective if it's used, so comfort for long wear periods is essential.

Honeywell VeriShield™ 100 Series Passive Earmuffs have a steel-wire construction with padded headband and precision micro adjustments designed for just the right fit around the ear, and comfortably fit a wide range of head sizes. Their wide cup opening accommodates larger ears and hearing aids, and memory foam ear cushions reduce squeezing pressure. A choice of styles and attenuation levels makes it easy to find the perfect earmuffs for an appropriate level of protection and comfort.

Available in Over-the-Head, Hard Hat, and Neckband designs, VeriShield 100 Series Passive Earmuffs are easy to use and integrate with Honeywell hard hats and face shields.

Combining optimum comfort with reliable protection, VeriShield 100 Series provides workers with earmuffs they will want to wear.

REF.	DESCRIPTION	SNR
1035145-VS	VS110 VeriShield earmuff	SNR 27
1035105-VS	VS120 VeriShield earmuff	SNR 31
135109-VS	VS130 VeriShield earmuff	SNR 35





## CLARITY®

Using Howard Leight’s Sound Management Technology (SMT), Clarity series earmuffs improve employee safety by reducing harmful noise while allowing voice and signal frequencies to be heard more naturally.

Advanced sound processing technology for enhanced communication in the workplace.

- Blocks noise but helps you hear the people around you, as well as alarms and other warning signals.
- Does not isolate the user from the environment, but offers increased safety particularly in sensitive environments.
- Dielectric construction suitable for all workplaces, especially electrical environments.
- Uniform headband pressure for all head sizes, providing better comfort for long-term wear.
- Ventilated inner headband minimizes pressure on the head and guarantees increased breathability in warm/humid climates.
- Non-deforming outer headband withstands rough treatment in the toughest workplaces.
- Quick-click height adjustment remains fixed during wear.
- Snap-in ear cushions make replacement quick and easy.

### CLARITY® EAR CUPS

- Ear cups snap in place during use and swing back when not in use.
- Ear cups work with a wide range of hard hats.
- Pair of 3711, 3712, and 3721 adapters included.

REF.	DESCRIPTION	SNR
1011262	C1H	SNR 26
1011264	C3H	SNR 30



### VIKING® MULTIPLE POSITION EARMUFFS

Adjustable headband.

- Adjustable headband allows wearer to select position: over-the-head, behind-the-neck, or under-the-chin.
- The alternative to ear cups fitted to hard hats: compatible with hard hats, face shields, breathing masks, and other PPE.
- Ventilated inner headband minimizes pressure on the head; breathes more easily in warm/humid climates.
- Non-deforming outer headband withstands rough treatment in the toughest workplaces.
- Snap-in ear cushions make replacement quick and easy.
- Elastic headband strap for better positioning.
- Dielectric construction suitable for all workplaces.
- Now with Air Flow Control technology.



REF.	DESCRIPTION	SNR
1010925	Viking V1	SNR 30
1011170	Viking V3	SNR 32

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DOC3535 GB - EN\_EURa\_10/2019  
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**THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT**

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**Honeywell**