





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

- Innovative patented 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 to 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
 - Improved communication

Hearing Conservation Solutions

Don't turn a deaf ear

Noise-induced hearing loss rarely happens overnight. Rather, it accumulates over time with every unprotected exposure to hazardous noise. We are born with around 20,000 hair cells in each ear. Above 80 decibels (for 8 hours), noise can destroy these hair cells and gradually lead to deafness. This deafness is sadly irreversible, but it is entirely preventable.

To help HSE managers to develop and deploy effective and suitable hearing conservation 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 solutions, and the founder of the HearForever® hearing conservation initiative.

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.

Hearing Protection Review	p. 3
Hearing Conservation	p. 4
Earplugs	p. 7
Earplug dispensers	p. 11
Banded earplugs	p. 12
Earmuffs	p. 13
Quiet Pro Intelligent Hearing System	p. 19

PPE DIRECTIVE 89/686/EC. Main standards relating to hearing protection	
STANDARDS	
EN 352/1	Earmuffs
EN 352/2	Earplugs
EN 352/3	Cap-mounted earmuffs
EN 352/4	Level-dependent earmuffs
EN 458	Recommendations for the selection, use, care and maintenance of personal protective equipment (PPE)

EU Directive 2003/10/EC		
	DAILY EXPOSURE OF 8 HOURS	PEAK EXPOSURE
Hearing protectors to be provided to every employee	80 dB*	135 dB
Hearing protectors to be worn	85 dB*	137 dB
Exposure limit value	87 dB*	140 dB

* decibels



Honeywell Hearing Protection Review – building a culture of safety

Our team of personal protective equipment experts are available to conduct site reviews that look specifically at hearing protection. A hearing review evaluate your current working environment, identify the potential hazards and propose appropriate product solutions to keep your workers safe in accordance with industry best practice procedures and EN standards. Should the best practice and product be in place already, then this will be noted in the review report.

The Honeywell Hearing Protection Review follows a step by step process that ensures workers have an opportunity to trial products and provide feedback to company health and safety managers responsible for choosing the most appropriate protective solutions for their site.

STEP BY STEP GUIDE TO THE HONEYWELL HEARING PROTECTION REVIEW



CONTACT

Contact us today for further information and to arrange your **FREE** hearing protection review!
Phone: 01256 693200
Email: info-uk.hsp@honeywell.com

- 1 Introduction**
 - Introduction to the Honeywell team.
 - Introduction to your project team, this may include safety, purchasing and occupational health.
- 2 First site visit**
 - Outline what you want to achieve from the review.
 - Review of current hearing protection and related issues.
 - Agree key areas and locations to be assessed.
- 3 Site survey**
 - Assessment of risks and current working practices in all areas or specific departments.
 - Use of current hearing protection (if correct protection is currently being used, this will be noted).
 - Issues for future discussion with the team will also be noted.
- 4 Survey report**
 - Introduction information on EN standards and employer responsibilities.
 - Area by area review, covering identified risks and recommendations.
- 5 Post survey review**
 - Review of the survey report with project team.
 - Agree product trials based on recommendations.
 - Determine start and finish dates for the product trials.
- 6 Product trials**
 - Educational training with your workers in the use of the products being trialed.
 - Distribute the samples to your workers.
 - Collect and evaluate qualitative information.
- 7 Ongoing support**
 - Continued safety training program.
 - Hearing protection and conservation awareness programs.
 - Future surveys to review new risks, other areas or locations.



Hearing Conservation

| Let's protect the pleasure of hearing. Forever.

For over 30 years we've pursued the prevention of occupational hearing loss through innovations in hearing protection and the promotion of progressive hearing conservation programs. Partner with the hearing conservation leader to give your workers the best in hearing protection.

VeriPRO®

A personal approach to hearing conservation

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.



| CONTACT

If you would like a **FREE** demonstration of VeriPRO please contact us.
 Phone: 01256 693200
 Email: info-uk.hsp@honeywell.com

Ref.	Description
10 180 64	VeriPro complete unit

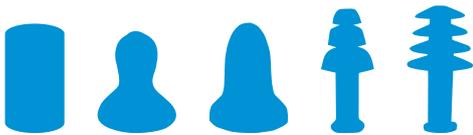




Selecting the proper earplug

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.

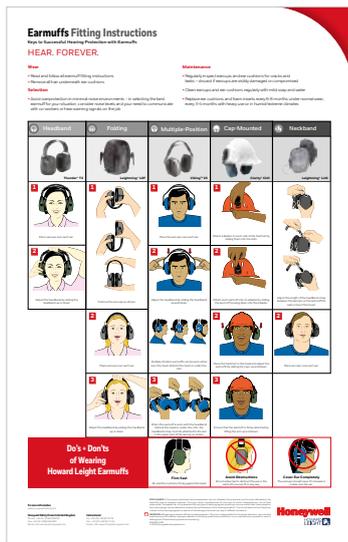
- **General earplug shapes**
- **Size:**
Look at the ear canal opening to determine if a different size would be helpful. Women often have smaller ear canals than men.
- **Shape:**
Ear canal openings may appear as round, oval or a slit. A foam earplug often fills an oval or slit in the ear canal.
- **Ease of insertion:**
An earplug with a stem may be easier for some workers to insert.



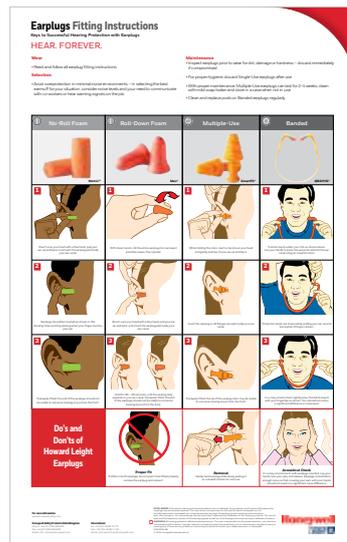
Larger Foam	Larger Reusable	Smaller Foam	Smaller Reusable
MAX [®]	SmartFit [®]	Bilsom 303/304 [®] S	Multi Max [®]
FirmFit [™]	Fusion [®]	Max Lite [®]	Laser Trak [®] Detectable
Pilot [™]	Clarity [®]	Laser Lite [®]	Matrix [®]
Bilsom 303/304 [®] L	Airsoft [®]	Quiet [®]	Fusion [®] Small
			Clarity [®] Small

Earplug size guide

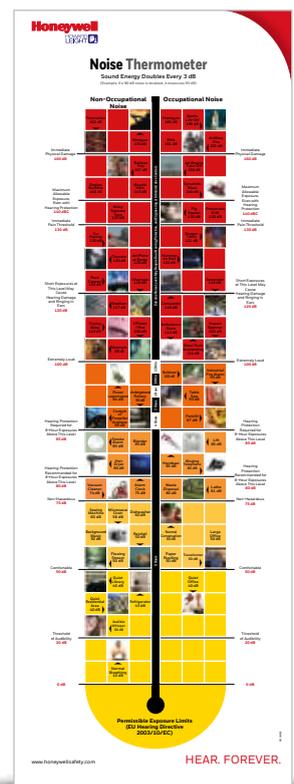
DOC2643



DOC2655



DOC2669



CONTACT |

Contact us to receive a **FREE** digital copy of our earplug fitting poster, earmuff fitting poster and noise thermometer.
Phone: 01256 693200 - Email: info-uk.hsp@honeywell.com



Hearing Conservation

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.



NEW – FIX-A-FIT GUIDE FOR EARPLUG SELECTION, SIZE AND FIT.



Contact us to request a **FREE** digital copy of the Fix-A-Fit resource guide

and promote hearing conservation.

Phone: 01256 693200

Email: info-uk.hsp@honeywell.com

HOW TO PROPERLY INSERT EARPLUGS

STEP 1		<p>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.</p>
STEP 2		<p>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.</p>
STEP 3		<p>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.</p>



Earplugs

| Single-Use

These earplugs are an economical solution, ideal for work situations that demand a high degree of comfort, frequent changes or where hygiene conditions prohibit reuse.

Firm Fit

New

Firm foam reinvented. More comfort. More protection.

FEATURES AND BENEFITS

SNR 37

- **40% Softer**
You can feel that Firm Fit is softer than other cylinder shape earplugs when you hold it.
- **29% Less pressure**
Firm Fit exerts less expansion pressure on the ear canal than other cylinder shape earplugs.
- **Greater protection**
With an SNR of 37dB, Firm Fit provides excellent protection in most medium-to-high noise environments.
- **Easy to insert**
Requires less pressure to roll down. Slow recovery rate gives you plenty of time to correctly insert in ear canal.
- **Easy to see**
Distinct warning orange colour makes compliance checks easy.



Ref.	Description	Packaging	Unit of Measure
10 330 10	Firm Fit uncorded	polybag, 200 pair per box	Box of 200
10 330 12	Firm Fit corded	polybag, 100 pair per box	Box of 100
10 330 13	Firm Fit uncorded	paperbag, 100 pair per box	Box of 100
10 330 14	Firm Fit corded	paperbag, 100 pair per box	Box of 100

Laser Lite®

Colorful protection.

FEATURES AND BENEFITS

SNR 35

- Bright colors 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
33 011 05	Uncorded	Box of 200 pairs, case of 2000 pairs
33 011 06	Corded	Box of 100 pairs, case of 1000 pairs



BILSOM 303/304®

Energized for personal comfort and performance.

FEATURES AND BENEFITS

SNR 33

- 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
10 050 73	Bilsom 303 large (L)	Box of 200 pairs*
10 050 74	Bilsom 303 small (S)	Box of 200 pairs*
10 071 92	Bilsom 303 large (L)	Box of 200 pairs**
10 071 93	Bilsom 303 small (S)	Box of 200 pairs**
10 001 06	Bilsom 304 large (corded) (L)	Box of 100 pairs***
10 001 07	Bilsom 304 small (corded) (S)	Box of 100 pairs***



* In polybag, case of 2000 pairs
 ** Pocket pack of 10 pairs, case of 2000 pairs
 *** In polybag, case of 500 pairs

MAX®

High SNR attenuation index and optimum comfort.

FEATURES AND BENEFITS

SNR 37

- The world's most-used polyurethane foam earplug.
- Improved shape for easy insertion and a better fit.
- Bell shape for maximum in-ear comfort.
- Smooth, soil-resistant skin prevents dirt build-up.

Ref.	Description	Packaging
33 011 61	Uncorded	Box of 200 pairs, case of 2000 pairs
33 011 30	Corded	Box of 100 pairs, case of 1000 pairs



MATRIX® BLUE

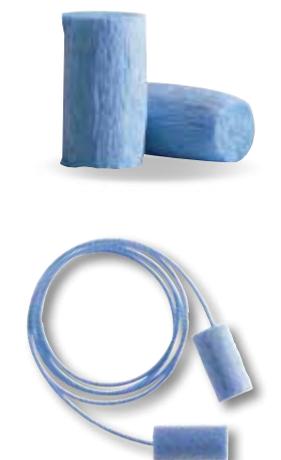
“No-roll” foam.

FEATURES AND BENEFITS

SNR 23

- Patented no-roll design makes insertion fast and easy.
- Smooth outer skin and reduced diameter provide long-term comfort.
- Instant protection: no need to wait for the foam to expand.
- Three attenuation profiles: suitable for every possible application (orange SNR 29, green SNR 27, blue SNR 23).
- Uniform attenuation for good communication.

Ref.	Description	Packaging
10 112 38	Matrix Blue uncorded	Box of 200 pairs, case of 2000 pairs





NEUTRON™

New

Open yourself up to the world. Protect yourself against noise. In an increasingly interconnected world, Neutron allows people who wear earplugs—because they are exposed to noise that could damage their hearing—to hear and talk to their colleagues without having to take them out. With Neutron, you'll miss nothing while ensuring that you stay protected against the moderate noise levels encountered in the modern workplace.

FEATURES AND BENEFITS

SNR 20

- Proven protection.
- Modern design in the shape of earphones.
- Everyday comfort.
- Unique detachable cord system.
- HearPack™ storage case.

Ref.	Description	Packaging
10 298 10	Corded	Box of 50 pairs, case of 500 pairs



SmartFit®

A revolution in terms of fit.

FEATURES AND BENEFITS

SNR 30

- CMT technology: malleable material that utilizes 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
10 112 39	Corded	Box of 50 pairs, case of 500 pairs



CLARITY® 656

Clarity™ technology in an earplug.

FEATURES AND BENEFITS

SNR 22

- Patented design with an integrated ultra-thin membrane for moderate, linear attenuation.
- Filters out harmful noise but allows speech through.
- Ultra-flexible rings for a perfect fit and enhanced comfort.
- Rigid central stem for ease of insertion and removal.
- Practical plastic storage case.

Ref.	Description	Packaging
10 053 29	Corded, large	Box of 10 pairs, case of 100 pairs
10 053 28	Corded, small	Box of 10 pairs, case of 100 pairs



Quiet®

Easy handling, better fit.

FEATURES AND BENEFITS

SNR 28

- Patented no-roll design is easy to handle and fit.
- Contoured shape provides a close fit in the ear canal.
- Integrated stem makes insertion quick and easy.
- Supplied in pairs in a practical plastic storage case.

Ref.	Description	Packaging
10 284 56	Uncorded	Box of 50 pairs, case of 500 pairs
10 284 57	Corded	Box of 50 pairs, case of 500 pairs





Laser Trak®

The highest attenuation rate in its class.

FEATURES AND BENEFITS

SNR 35

- The foam expands to fit virtually every ear.
- Non-ferrous metal grommet and bright colors easily detected by visual and magnetic inspection.

Ref.	Description	Packaging
33 011 67	Corded	Box of 100 pairs, case of 1000 pairs



SmartFit® Detectable

Detectable earplugs for long-term comfort.

FEATURES AND BENEFITS

SNR 30

- Delivers superior comfort and a truly individual fit.
- Simplified inventory management: a single product fits almost every user.
- Blue color to aid detection.
- Easily detectable metallic cord and ring.

Ref.	Description	Packaging
10 125 22	Corded	Box of 50 pairs, case of 500 pairs



Fusion® Detectable

Protection, comfort and enhanced fit for reusable and detectable earplugs.

FEATURES AND BENEFITS

SNR 28

- Patented dual-material design.
- Central FlexiFirm® stem for ease of insertion, SoftFlanges™ for exceptional comfort and fit.
- Easily detectable metal cord and stem.
- Product washable in lukewarm water; lasts for several weeks.

Ref.	Description	Packaging
10 112 34	Standard size, corded	Box of 50 pairs, case of 500 pairs
10 112 35	Small, corded	Box of 50 pairs, case of 500 pairs





Earplug dispensers

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.

Dispenser Leight® Source 400 (LS400)

FEATURES AND BENEFITS

The Leight® Source 400 dispenser can be fixed to a wall or placed on a table or workstation. Entirely transparent, it can be refilled before it runs out. This system dispenses earplugs with a twist knob, and can hold 400 pairs of Howard Leight single-use earplugs, such as Max, Max Lite, Laser Lite, MultiMax, Matrix, Firm Fit and Bilsom 303.

Ref.	Description		
10 130 40	Leight® Source 400 dispenser (supplied empty)		
10 062 02	Leight Source 400 dispenser, supplied with 400 pairs of Bilsom 303 L	10 062 03	Leight Source 400 dispenser, supplied with 400 pairs of Bilsom 303 S
Refill for Leight® Source 400: Refill box of 200 pairs, case of 2000 pairs:			
10 130 46	Max	10 130 42	Matrix Orange
10 130 48	Max Lite	10 130 41	Matrix Green
10 130 47	Laser Lite	10 129 11	Matrix Blue
10 130 45	MultiMax	10 061 86	Bilsom 303 L
10 330 16	Firm Fit	10 061 87	Bilsom 303 S



LS400

Firm Fit



Refill bag Laser Lite

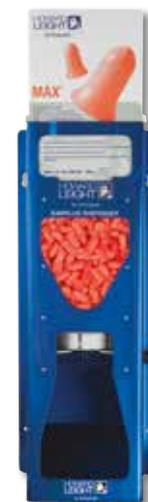


Dispenser Leight® Source 500 (LS500)

FEATURES AND BENEFITS

The Leight Source 500 earplug dispenser is made of anodized aluminum and is designed to be mounted on a wall. This system dispenses earplugs with a twist knob. Ideal for large factories and processing plants with a zero-tolerance policy when it comes to packaging waste, the LS-500 dispenser can hold 500 pairs of Howard Leight single-use earplugs, such as Max, Max Lite, Laser Lite, MultiMax, Matrix, Quiet, Firm Fit and Bilsom 303.

Ref.	Description		
33 012 73	Leight® Source 500 dispenser (supplied empty)		
Refill for Leight® Source 500: Refill box of 500 pairs, case of 2000 pairs:			
33 011 65	Max	10 127 23	Matrix Orange
33 012 72	Max Lite	10 127 22	Matrix Green
33 012 71	Laser Lite	10 127 21	Matrix Blue
33 012 61	MultiMax	10 175 73	Bilsom 303 L
33 012 75	Quiet (200 pairs)	10 175 74	Bilsom 303 S
10 330 15	Firm Fit		



LS500

Firm Fit



Refill Max





Banded earplugs

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.

QB3® HYG

Semi-aural protection.

FEATURES AND BENEFITS

SNR 23

- Super-soft lightweight cushions rest outside the ear canal for unparalleled comfort.
- Patented band design prevents pods from touching dirty or contaminated surfaces.
- Light and portable: ideal for occasional use.
- Delivered with an additional pair of replacement pods.

Ref.	Description	Packaging
33 012 79	QB3HYG*	Box of 10 pairs
33 011 83	Replacement pods	Box of 50 pairs



PerCap®

Comfortable, lightweight and flexible banded earplugs.

FEATURES AND BENEFITS

SNR 24

- 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.

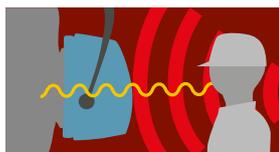
Ref.	Description	Packaging
10 059 52	Bilsom PerCap	Case of 10 pairs
10 059 80	Replacement pods	Box of 10 pairs





Noise-blocking earmuffs

Noise-blocking earmuffs are a simple and effective way of protecting yourself. But they can be heavy and awkward or even place great pressure around your head. Howard Leight has taken these major comfort factors into account in offering a range of earmuffs with patented technologies.



SOUND MANAGEMENT TECHNOLOGY™ (SMT)

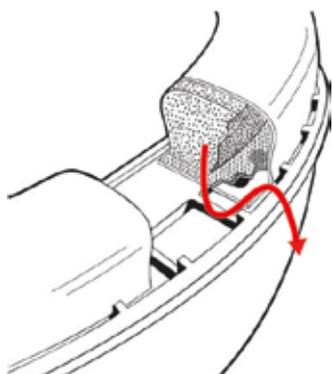
Sound Management Technology™ improves worker safety by blocking noise, while voice and signal frequencies can be heard more naturally. Uniform attenuation allows speech frequencies to be heard with less distortion - combating worker isolation and overprotection on the job.



AIR FLOW CONTROL™ TECHNOLOGY

Patented Air Flow Control™ technology provides optimal attenuation across all frequencies and snap-in ear cushions for easy maintenance.

Noise-blocking earmuffs traditionally attenuate very well at high frequencies, but poorly at low frequencies. With our patented Air Flow Control (AFC) technology, we found a way to deliver superior low-frequency attenuation and more consistent performance across the whole frequency range without increasing the size or weight of the earmuff.



How it works:

Inside the snap-in AFC ear cushion, a series of holes allows the ear to "breathe" more effectively and channels the air out of the base of the cushion, much like a car shock absorber. This controlled flow of air dampens low-frequency vibrations while maintaining excellent high-frequency attenuation. Air Flow Control is a standard feature on all noise-blocking earmuffs in the Sync, Lightning, Thunder, Viking and Impact ranges.

HYGIENE KITS

FEATURES AND BENEFITS

For extended earmuff performance and life as well as improved hygiene, snap-in ear cushions and foam inserts should be replaced every 6 months, or more often with heavy use. Each kit comes with one pair of ear cushions and one pair of foam inserts.



Ref.	Description	Ref.	Description
10 060 80	Clarity® C1/C1F/C1H	10 119 99	Leightning L2/L2H/L2N/L2F/L2FHV
10 060 81	Clarity® C2/C3/C3H	10 120 00	Leightning L3/L3H/L3N/L3HV/Viking V3
10 109 74	Thunder® T1/T1H/T1F	10 080 00	Radio/Radio HV/Electo®/Electo H/Impact®/Impact H
10 109 75	Thunder T2/T2H/T2HV	10 152 80	Impact Sport/Sync Radio/Sync Radio HiViz/Sync Electo
10 109 76	Thunder T3/T3H	33 012 83	QM24+*
10 119 98	Leightning® L1/L1H/L1N/LON/L1HHV/Viking® V1	10 302 20	Sync/Impact PRO



Noise-blocking earmuffs

Clarity™

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



FEATURES

Advanced sound processing technology for enhanced communication in the workplace.

- Blocks noise but helps you to 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™ EARMUFFS



FEATURES AND BENEFITS

- Comfortable over-the-head design ideal for many applications.
- Ventilated inner headband reduces pressure on the head and guarantees increased breathability in warm/humid climates.
- Non-deforming outer headband withstands rough treatment in the toughest workplaces.

Ref.	Description	SNR
10 111 42	C1	SNR 25
10 111 46	C3	SNR 33



C1 SNR 25

Clarity™ MULTI-POSITION EARMUFFS



FEATURES AND BENEFITS

Allows the wearer to select position: over-the-head, behind-the-neck or under-the-chin.

Ref.	Description	SNR
10 111 45	C2	SNR 30



C2 SNR 30

Clarity™ FOLDING EARMUFFS



FEATURES AND BENEFITS

- Convenient folding design for easy storage.
- Belt storage case also available.

Ref.	Description	SNR
10 111 43	C1F	SNR 26



C1F SNR 26

Noise-blocking earmuffs



Clarity™ EAR CUPS



FEATURES AND BENEFITS

- 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 & 3721 adapters included.

Ref.	Description	SNR
10 112 62	C1H	SNR 26
10 112 64	C3H	SNR 30



C1H SNR 26

Leightning®

With its steel construction, the Leightning series delivers high performance and durability that withstands daily wear and tear without compromising comfort.

FEATURES

- Patented Air Flow Control™ for optimum attenuation across all frequencies, without increasing size or weight.
- Snap-in ear cushions make replacement quick and easy.
- Padded foam headband for long-term comfort with minimal pressure on the head.
- Multiple attenuation levels for attenuation targeted at different environments.
- Telescopic height adjustment ensures that the earmuffs remain fixed during use.
- Superior comfort - the ultra slim L0 models are ideal when compact earmuffs, reliable protection and a high degree of comfort are required.
- HV (high visibility) and reflective models which illuminate under light for enhanced visibility and safety. Ideal for wearing at night and in inclement weather conditions.

Leightning® EARMUFFS

FEATURES AND BENEFITS

Comfortable over-the-head design ideal for many applications.

Ref.	Description	SNR
10 109 22	L1	SNR 30
10 109 23	L2	SNR 31
10 109 24	L3	SNR 34
10 139 41	L3HV	SNR 34



L3HV SNR 34

L2 SNR 31

Leightning® FOLDING EARMUFFS

FEATURES AND BENEFITS

- Folding headband for easy storage.
- Belt storage case also available.

Ref.	Description	SNR
10 134 61	L0F	SNR 25
10 119 97	L2F	SNR 32
10 139 42	L2FHV	SNR 32
10 002 51	Folding earmuff belt case	



L2FHV SNR 32

L0F SNR 25



Noise-blocking earmuffs

Leightning® HEAD STRAP EARMUFFS

FEATURES AND BENEFITS

- Sleek behind-the-neck design for use with face shields, visors, hard hats and other PPE.
- Includes attached elastic headband strap for better positioning.
- The LON features ultra-slim, lightweight ear cups, ideal for use with welding masks.

Ref.	Description	SNR
10 134 60	LON	SNR 22
10 119 94	L1N	SNR 29
10 119 95	L2N	SNR 31
10 119 96	L3N	SNR 32



L1N SNR 29

Leightning® EAR CUPS

FEATURES AND BENEFITS

- 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 3712, 3711 & 3721 adapters included.

Ref.	Description	SNR
10 125 39	L1H	SNR 28
10 125 41	L3H	SNR 31
10 150 21	L1HHV	SNR 28



L1HHV SNR 28

L1H SNR 28

Sync™

New

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.

Sync™ Stereo

FEATURES AND BENEFITS

The Sync has no volume knobs or power switches and no batteries to replace. The ease of use of the Sync Stereo is enhanced by maintaining volume and power control through the MP3 player. Plus, the Sync Stereo's state-of-the-art bass chamber enhances bass sounds that are typically sacrificed in traditional industrial stereo earmuffs.

VMT™

The Sync™ Stereo Volume Management Technology (VMT™) maintains sound levels from portable audio equipment at safe levels.

Audio device not included



SNR 31

Ref.	Description	SNR
10 301 11	Sync Stereo earmuffs (supplied in blister pack)	SNR 31

Noise-blocking earmuffs



Sync™ with digital AM/FM radio



FEATURES AND BENEFITS

- 10 preset stations and volume memory can be personalized for each user.
- Lightweight slim ear cup design, more comfortable to wear during the working day.
- LCD display.
- All Sync earmuffs feature a 3.5 mm AUX input jack and connection cable.

Ref.	Description	SNR
10 303 30	Sync™ Digital AM/FM radio earmuffs (supplied in blister pack)	SNR 29

SNR 29



Sync™ high visibility with digital AM/FM radio



FEATURES AND BENEFITS

- Light green/yellow ear cups provide high visibility and contrast, and the reflective headband illuminates under light for increased visibility and safety.
- All Sync earmuffs feature patented Air Flow Control™ technology, delivering optimum attenuation across all frequencies without increasing ear cup size or weight.

Ref.	Description	SNR
10 303 32	Sync™ Hi-Vis Digital AM/FM radio earmuffs (supplied in blister pack)	SNR 29

SNR 29



Sync™ Electro®



FEATURES AND BENEFITS

- Separate knobs adjust volume for radio and sound amplification.
- The Sync Electro® is available in headband and helmet models. Helmet model includes a set of adapters for use with the most popular hard hats.
- Built-in microphones reproduce ambient sounds, retaining sense of direction.

Ref.	Description	SNR
10 303 33	Sync™ Electro® earmuffs	SNR 29
10 303 34	Electo-H ear cups	SNR 29

SNR 29





Noise-blocking earmuffs

Impact®

Impact earmuffs enhance the perception of certain sounds through advanced sound amplification technology. Wearers hear important sounds in their environment – co-workers, alarms and warning signals – at a safely amplified level. Helps eliminate the feeling of isolation.

FEATURES

- Amplification of ambient sounds limited to a safety level of 82 dB – response technology reverts to passive hearing protection if the noise reaches 82 dB.
- Sound amplification increases communication and awareness – employees can hear alarms/warning signals, co-workers' voices.
- Directional stereo microphones amplify and enhance sound for more natural hearing.
- Snap-in ear cushions make replacement quick and easy.
- Impact Sport and Impact Pro have the basic features of the Impact range, with added features designed for sport shooting and field use.
- Can be connected to MP3 players and smartphones.
- Ideal for recreational and professional shooting, both indoors and outdoors.

Impact® Sport FOLDING EARMUFFS



FEATURES AND BENEFITS

- Patented Air Flow Control™ technology for optimum attenuation across all frequencies.
- Convenient folding design for easy storage.
- Automatic shut-off after 4 hours.
- Includes 2 AAA batteries for 350 hours of use.
- Belt storage case also available.

Ref.	Description	SNR
10 135 30	Impact Sport	SNR 25



Impact® PRO EARMUFFS



FEATURES AND BENEFITS

- Impact earmuffs with excellent sound amplification and best attenuation on the market: SNR 33
- Amplifies low volume sound and conversation (4 times as loud).
- Easy to use: just one volume control button.
- Includes 2 AAA batteries.
- Can be connected to MP3 players and smartphones.
- Ideal for recreational and professional shooting, both indoors and outdoors.
- Patented Air Flow Control™ technology for optimum attenuation across all frequencies.

Ref.	Description	SNR
10 189 53	Impact PRO	SNR 33



Impact® EAR CUP HEADBAND

FEATURES AND BENEFITS

- Ear cups snap in place during use and swing back when not needed.
- Ear cups work with a wide range of hard hats.
- Pair of 3711, 3712 & 3721 adapters included.
- Includes 2 AA batteries for 140 hours of use.

Ref.	Description	SNR
10 103 76	Impact	SNR 28
10 106 32	Impact ear cups for fitting to hard hats	SNR 27



Hearing Protection

Intelligent hearing protection and communication system



QUIETPRO® QP100 EX

Protection and communication in high-noise environments.

Developed in conjunction with the international energy company Statoil, the QUIETPRO® QP100EX is the only intelligent hearing protection and communication system that provides smart personal hearing protection, verifiable personal noise exposure measurement, and the clearest communication throughout a full range of work environments. The QUIETPRO® QP100Ex transforms a worker's hearing and ability to communicate clearly from a point of vulnerability to a productivity advantage.



FEATURES AND BENEFITS

- Personal real-time noise monitoring to prevent hearing loss.
- Clear communication even in rapidly changing, high-noise environments.
- Intrinsically safe for potentially explosive environments.
- In-ear headset.
- Fully adaptive hearing protection.
- Digital Active Noise Reduction.
- Exclusive in-ear dosimetry.
- Superior digital processing.

Contact us for more information about QUIETPRO.





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Lead them to safety – Build an enduring culture of safety through comprehensive education, innovative technologies, and comfortable, high-performance products that inspire workers to make safer choices on their own. Honeywell Safety Products is the ideal partner for organizations committed to a cultural transformation that minimizes injuries and maintains a safer, more productive workplace.

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