



**Product Family**  
**Clarity Sound Management Earmuff**

Advanced Sound Management Technology for enhanced communication







[Learn more about our products at howardleight.com](http://howardleight.com)

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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



**Product Numbers & Ordering Information**

	Product Numbers	Details
	1011142	<b>Clarity C1 - headband earmuff</b> SNR 25 H - 24 M - 22 L - 20
	1011143	<b>Clarity C1F - folding earmuff</b> SNR 26 H - 25 M - 24 L - 19
	1011262	<b>Clarity C1H - helmet earmuff</b> SNR 26 H - 26 M - 23 L - 19
	1011145	<b>Clarity C2 - multiple-position earmuff</b> SNR 30 H - 30 M - 29 L - 25
	1011146	<b>Clarity C3 - headband earmuff</b> SNR 33 H - 31 M - 32 L - 29
	1011264	<b>Clarity C3H - helmet earmuff</b> SNR 30 H - 28 M - 28 L - 24

**Overview**

## Key Features

- Patented Sound Management Technology's uniform attenuation allows wearer to hear co-workers, instructions, and other important sounds more naturally while blocking out harmful noise
- Dielectric construction suitable for all workplaces, especially electrical environments
- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Quick-Click height adjustment remains fixed during wear
- Snap-in ear cushions make replacement quick and easy

## Recommended Industries/Use

- Chemical
- Food Services
- Forestry
- Government
- Law Enforcement
- Manufacturing
- Medical
- Military
- Mining
- Municipal Services
- Oil and Gas
- Pharmaceutical
- Steel and Metals
- Transportation
- Utilities
- Welding
- Wind Energy

## Hazards

- Noise

## Regulations

- 29 CFR 1910.95 - OSHA Occupational Noise Exposure (US)
- ANSI S3.19-1974 - Attenuation Test Protocol (US)
- Part II, (R.S.C. 1985, c. L-2) - Canada Labour Code
- Z94.2-1994 - Attenuation Test Protocol (CAN)
- 2003/10/EC - EU Hearing Directive
- 89/686/EEC - EC Product/PPE
- NOHSC: 1007 (2000) - National Standard for Occupational Noise (AUS/NZ)
- NR 15 - Security and Health of Work, Annexes 1 and 2, n°3.214/1978 - Occupational Noise Regulations (BR)
- ANSI S12.6/1997 - Method B - Attenuation Test Protocol (BR)

## Historical Brand

Bilsom

## Warranty Information

There is a one years guarantee against defects in material and workmanship. The guarantee does not cover damage caused by misuse, abuse or unauthorised modifications.

## Specifications

### Dielectric

- Yes

### Headband Earmuff Features

- Uniform headband pressure for all head sizes, providing better comfort for long-term wear
- Inner-ventilated headband minimizes pressure on the head, breathes easier in warm/humid climates
- Non-deforming outer headband withstands rough treatment in the toughest workplaces

### Folding Earmuff Features

- Convenient folding design for easy storage
- Folding Earmuff Belt Case also available

### Helmet Earmuff Features

- For use with a wide range of hard hats
- Earcups snap in place during use and swing back when not in use
- Includes pair of hard hat adapters

### Multiple-Position Earmuff Features

- Multiple-position headband allows wearer to select position over the head, behind the head or under the chin
- Alternative to cap-mounted earmuffs – wear with hard hats, face shields, respirators and other PPE
- Includes attached elastic headband strap for better positioning when worn behind the head or under the chin

### Packaging

- Individual Box

EU Certifications

- European Directives – 89/686/EEC
- EC Category PPE – Category II
- *Please refer to individual product certifications.*

AUSNZ Certifications

- *Please refer to individual product certifications.*

## Certifications

 CE Certificate - Clarity C1

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19952/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19952/1033.aspx)

CE Certificate - Clarity C1

 CE Certificate - Clarity C1F

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19953/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19953/1033.aspx)

CE Certificate - Clarity C1F

 CE Certificate - Clarity C1H

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/44399/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/44399/1033.aspx)

 CE Certificate - Clarity C1H Helmet Combinations 2010

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/44399/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/44399/1033.aspx)

CE Certificate - Clarity C1H Helmet Combinations 2010

 CE Certificate - Clarity C2

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19957/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19957/1033.aspx)

CE Certificate - Clarity C2

 CE Certificate - Clarity C3

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19958/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19958/1033.aspx)

CE Certificate - Clarity C3

 CE Certificate - Clarity C3H

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19959/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19959/1033.aspx)

CE Certificate - Clarity C3H

 CE Certificate - Clarity C3H Helmet Combinations

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19960/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19960/1033.aspx)

CE Certificate - Clarity C3H Helmet Combinations

 EC Certificate - Earmuffs

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/42687/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/42687/1033.aspx)

EC Declaration of conformity The manufacturer SPERIAN HEARING PROTECTION, LLC, 7828 Waterville Rd. San Diego, CA 92154 United States declares that the Personal Protective Equipment (PPE) items listed below, conform with the provisions of Council Directive 89/686/EEC and, where applicable, with the national standard, tr

## Literature & Documents

 EC Attestation Report - Clarity C1F

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19998/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19998/1033.aspx)

EC Attestation Report - Clarity C1F

 **EC Attestation Report - Clarity C1H**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/19999/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/19999/1033.aspx)

EC Attestation Report - Clarity C1H

 **EC Attestation Report - Clarity C3**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earmuffs/20000/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earmuffs/20000/1033.aspx)

EC Attestation Report - Clarity C3

**DOC2655 HEAR AFF Earplug Fit 508x800 GBd**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996679/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996679/1033.aspx)

1 1 1 2 2 2 3 3 3 No-Roll Foam Roll-Down Foam Multiple-Use Banded Matrix™ Max SmartFit QB2HYG 213 Keys to Successful Hearing Protection with Earplugs Reach over your head with a free hand, pull your ear up and back, and insert the earplug well inside your ear canal. While holding the stem, reach a hand over your head a

**DOC2653 HEAR AFF Earplug Fit 508x800 SPa**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996680/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996680/1033.aspx)

Claves Para una Proteccion Auditiva Correcta con Tapones Uso • Lea y siga todas las instrucciones de colocacin de los tapones para los odos. Seleccin • Evite la sobreproteccion en ambientes donde el ruido sea mnimo: al seleccionar los mejores tapones en su situacin, considere los niveles de ruido y su necesidad de comun

**DOC2654 HEAR AFF Earplug Fit 508x800 FRa**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294996681/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294996681/1033.aspx)

Conseils pour insrer efficacement vos bouchons d'oreille Utilisation • Lire et suivre attentivement le mode d'emploi Slection • Eviter la sur-protection dans un environnement faible niveau sonore • Slectionner la protection auditive la plus adquate en fonction du niveau sonore, des besoins de communication avec les co

**POST14 Care and Maintenance**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/4294997025/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/4294997025/1033.aspx)

CARE AND MAINTENANCE Single-Use Earplugs Inspect Inspect prior to fitting, examine your earplugs for dirt, damage or extreme hardness —discard immediately if compromised. Discard For proper hygiene, discard Single-Use earplugs after use. Hygiene To maintain hygiene standards, Single-Use earplugs should be discarded at

## Additional Information

## Promotions

## Product Registration

## Technical Support