



PRODUCT NUMBER: 1011146
Clarity C3 Headband Earmuff

[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)



Overview

Reference Number

1011146

Product Type

Hearing Protection

Range

Earmuffs

Line

Sound Management Earmuffs

Brand

Howard Leight by Honeywell

Brand formerly known as

BILSOM

Industry

- Industry • Administration • Agriculture • Army - Defence • ATEX environment
- Automotive and Part Manufacturer • Aviation • Building and Construction • Catering
- Chemical Industries • Energy or Electricity • Fire Protection brigades • Fishing • Food Industries
- Foundry • Glass Industries • Green Spaces • Homeland defense • Industrial Cleaning
- Iron and steel industry • Laboratory • Logistics • Maintenance • Medical and Pharmaceutical
- Metal steel • Mining and Quarrying • Offshore • Paper Industries • Petro-chemical
- Printing Industries • Services • Ship Building • Telecoms • Textile Industries • Transportation
- Utilities • Water treatment • Welding • Wood Industries

Product Use

Sound Management Earmuff

Features & Benefits

Feature

SOUND MANAGEMENT TECHNOLOGY Enhances on-the-job communication through uniform attenuation. Clarity blocks noise while voice, signal, alarm and other high frequencies can be heard more naturally, with less distortion, combating overprotection and worker isolation. **DIELECTRIC/PLASTIC CONSTRUCTION** Clarity's robust nondeforming dielectric

construction withstands use and abuse, while protecting your workers in electrical environments. **NON-DEFORMING OUTER HEADBAND** Clarity's non-deforming outer headband provides better comfort, minimizes pressure on head, withstanding rough treatment in the toughest workplaces. **INNER-VENTILATED HEADBAND** Provides better positioning, minimizes pressure on the head. Soft, comfortable contact surface breathes easier in warm/humid climates. **QUICK CLICK HEIGHT ADJUSTMENT** Height adjustment remains fixed during wear. **SNAP-IN EAR CUSHIONS** Make replacement quick and easy.

Benefit

Bilsom's patented Clarity Sound Management technology improves worker safety by blocking noise, while voice and signal frequencies can be heard more naturally. Clarity earmuffs provide uniform attenuation that allows speech frequencies to be heard with less distortion - combating worker isolation and overprotection on the job. Plus, Clarity's robust non-deforming dielectric design withstands use and abuse, while protecting workers in electrical environments.

Technical Description

SNR (dB)

33

H (dB)

31

M (dB)

32

L (dB)

29

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz) 63 125 250 500 1000 2000 4000 8000 Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB) 21.125.633.337.534.932.238.833.5 Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) 4.13.12.52.92.91.94.04.4 Assumed Protection (dB) Angenommener (dB) Protection supposée (dB) 17.022.430.834.632.030.334.829.

Earmuff Construction

Plastic [or Dielectric]

Other Material

POM, LDPE, PC/PBT, PP, PUR-E, PVC

Dielectric

Yes

Color

Black and Metallic Blue

Batteries Needed

None

Weight (grs)

302

Headband Style

Over-Head

Sound Amplification

No

AM/FM Radio

No

Automatic Shut-Off Function

No

Audio Input Jack

No

Hi-Visibility

No

Certifications

 E.C. Declaration of Conformity

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

0301138

EC Attestation

 EC Attestation

EC Attestation Number

200322881

Literature & Documents

 **PIC SKU - Pictures**

<http://www.honeywellsafety.com/assets/0/324/500/51887/49a369b4497e4ca69b04490d0d58bba7.jpg>

Maintenance

Life Cycle

Cushions should be replaced periodically to retain maximum attenuation. Use the following as a guideline for replacement of ear cushions and insert foam. General use and wear - Ear cushions and foam inserts should be replaced at least every 6 months. Heavy use or wear in humid/extreme climates - Ear cushions and foam inserts should be replaced at least every 3 months. Cracking or leakage is visible - replace ear cushions and foam inserts immediately.

Storage Information

When not in use, the earmuffs should be stored in a clean dry container or locker. Do not use solvents or petroleum-based products. Do not immerse the earmuffs in water.

Care Instructions

Earmuffs are an important safety product and should be inspected regularly. Its use, care and maintenance are critical to its effective performance. Earmuffs and in particular ear cushions may deteriorate with use and should be examined at frequent intervals for cracking and leakage. If the ear cushions become hard, damaged or deteriorated, they should be replaced promptly using recommended Hygiene Kits. Earmuffs should be maintained by regular cleaning. Use a mild disinfectant solution. A gentle wipe is all that is required.

Parts & Accessories

Accessories

Hygiene Kit - Packed in a plastic bag, including two ear cushions and liners. Ref. # 1006081 for C3, C3H

Beltclip - For carrying purpose. Old Ref. # 1000252 New Ref. # 1016730

Cool II Pads - Sweat absorbing pads. Ref. # 1000365 5-pair, Ref. # 1000364 100-pair

Optisorb - cotton sleeve slides over earcup. Ref. # 3302101

Polar Hood - Ref. # 1016870 Lg/XLg; Ref. # 1016871 Sm/Med

Packaging

EAN Code

7312550111468