



PRODUCT NUMBER: 1011145
Clarity C2 Multiposition
Earmuff

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

>



Overview

Reference Number

1011145

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

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. MULTIPLE-POSITION WEAR Clarity C2 allows flexibility in wear as an over-the-head, behind-the-head or under-the-chin earmuff. Clarity C2 can be worn with other PPE including visors, face shields, respirators and welding shields. A headband strap provides additional security, keeping earcups in place when worn other than above the head. NON-DEFORMING OUTER HEADBAND Clarity's non-deforming outer headband provides better comfort, minimizes pressure on head, withstanding rough treatment in the toughest workplaces. QUICK-CLICK HEIGHT ADJUSTMENT Height adjustment remains fixed during wear. SNAP-IN EAR CUSHIONS Make replacement quick and easy. INCLUDES HEADBAND STRAP

Benefit

The 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)

30

H (dB)

30

M (dB)

29

L (dB)

25

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)631252505001000200040008000Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)16.920.729.535.231.032.135.831.1Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)4.43.13.22.32.72.03.53.8Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)12.417.626.329.928.330.032.327.3

Earmuff Construction

Plastic [or Dielectric]

Other Material

LDPE, POM, PA, EPDM, PP, PUR-E, PVC

Dielectric

Yes

Color

Black and Light Metallic Blue

Batteries Needed

None

Weight (grs)

208

Design Patents

Clarity Sound Management Technology

Headband Style

Multiple-Position

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

0301137

EC Attestation

EC Attestation

EC Attestation Number

200322880

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 two liners. Ref. # 1006017 for C2

Beltclip - For carrying purpose. Old Ref. # 1000252 New Ref. # 1016730 Cool II Pads - Sweat absorbing pads. Ref. # 1000365 5-pair, Ref. # 1000364 100-pair

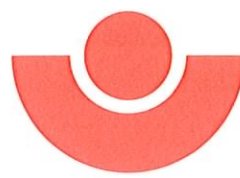
Optisorb - cotton sleeve slides over earcup. Ref. # 3302101

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

Packaging

EAN Code

7312550111451



EG-Baumusterprüfbescheinigung

0301137

Bescheinigungs-Nummer

Name und Anschrift des
Bescheinigungsinhabers:
(Auftraggeber) Bacou Dalloz AB
Box 550
S-26050 Billesholm
Schweden

Name und Anschrift des
Herstellers: Bacou Dalloz AB
Box 550
S-26050 Billesholm
Schweden

Zeichen des Auftraggebers:

Zeichen der Prüf- und Zertifizierungsstelle:
2003 22880

Ausstellungsdatum:
05.05.2004

Produktbezeichnung: Kapselgehörschützer Bilsom Clarity C2

Typ: Clarity C2

Bestimmungsgemäße
Verwendung: Kapselgehörschützer mit Universalbügel / Persönliche Schutzausrüstung nach Art. 8 (2) der EG-Richtlinie
89/686/EWG (Kategorie II)

Prüfgrundlage: - Grundlegende Anforderungen für Gesundheitsschutz und
Sicherheit nach Anhang II der EG-Richtlinie 89/686/EWG
- EN 352-1:2002

Zugehöriger Prüfbericht: Nr. 2003 22880 vom 05.05.2004

Bemerkungen: keine

Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 89/686/EWG (Persönliche Schutzausrüstungen),
geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG.

Weitere Bedingungen regelt die Prüf- und Zertifizierungsordnung vom Oktober 1997.

Leiter der Zertifizierungsstelle


(Prof. Dr. rer. nat. Dietmar Reinert)

Fachzertifizierer


(Dr. rer. nat. Martin Liedtke)



European notified body
Identification number 0121

Hauptverband der gewerblichen
Berufsgenossenschaften

Translation

In any case, the German
original shall prevail.

EC-Type Test Certificate

0301137

No. of certificate

Name and address of the
holder of the certificate:
(customer)
Bacou Dalloz AB
Box 550
SE-26050 Billesholm
Sweden

Name and address of the
manufacturer:
Bacou Dalloz AB
Box 550
SE-26050 Billesholm
Sweden

Ref. of customer:

Ref. of Test and Certification Body:
2003 22880

Date of Issue:
2004-05-05

Product designation: Ear-muff Bilsom Clarity C2

Type: Clarity C2

Intended purpose: Universal ear-muff / personal protective equipment according to article 8 (2) of the EC-directive 89/686/EEC (category II)

Testing based on: - Basic requirements for health and safety in accordance with Annex II of the EC-directive 89/686/EEC
- EN 352-1:2002

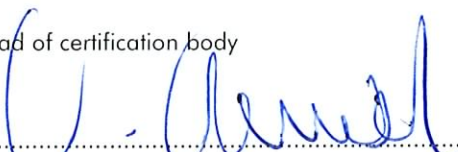
Test report: No. 2003 22880 as of 2004-05-05

Remarks: none

The type tested complies with the provisions laid down in the directive 89/686/EEC (Personal Protective Equipment), amended by the directives 93/68/EEC, 93/95/EEC and 96/58/EC.

Further conditions are laid down in the Rules of Procedure for Testing and Certification of October 1997.

Head of certification body


.....
(Prof. Dr. rer. nat. Dietmar Reinert)

Certification officer


.....
(Dr. rer. nat. Martin Liedtke)



E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community:

Honeywell Safety Products Europe

Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:

Designation: Clarity C2 Multiposition Earmuff

Reference: 1011145

Standard(s): EN-352-1:2002

This PPE is the object of the below EC examination certificate n°:

0301137

Delivered by:

BIA-IFA

Alte Heerstraße 111

D-53757 SANKT AUGUSTIN

Germany

Drawn up in Germany, on the 12/08/2019

By:

Division: Hearing Protection

ZI Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France

Tel: +33 (0) 49 90 79 79 Fax: +33 (0)1 49 90 79 80

www.honeywellsafety.com