



PRODUCT NUMBER: 1011143
Clarity C1F Folding Earmuff

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

>



Overview

Reference Number

1011143

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. FOLDING DESIGN Folds down for compact, convenient storage. 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. BELT CASE AVAILABLE SEPARATELY

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)

26

H (dB)

25

M (dB)

24

L (dB)

19

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)631252505001000200040008000Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)12.814.924.227.725.228.629.328.7Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)4.03.83.82.62.12.93.44.2Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)8.811.120.425.123.125.725.924.5

Earmuff Construction

Plastic [or Dielectric]

Other Material

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

Dielectric

Yes

Color

Headband/Comfort band/Fork Slide/Ear Cushion/Rim all Black, Liner - Grey, and Cup - Light Metallic Blue

Batteries Needed

None

Weight (grs)

186

Design Patents

Clarity Sound Management Technology

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

0301134

EC Attestation

EC Attestation

EC Attestation Number

200322877

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 foam pads. Ref. # 1006080 for C1, C1H, C1F

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

Belt Case - For carrying purposes. Ref. # 1000251 for C1F, L2F, T1F

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

7312550111437



EG-Baumusterprüfbescheinigung

0301134

Bescheinigungs-Nummer

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

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

Zeichen des Auftraggebers: Zeichen der Prüf- und Zertifizierungsstelle:
2003 22877

Ausstellungsdatum:
26.03.2004

Produktbezeichnung: Kapselgehörschützer "Bilsom Clarity C1 F"

Typ: Clarity C1 F

Bestimmungsgemäße Verwendung: Kapselgehörschützer mit faltbarem Kopfbügel / 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
- EN 13819-1:2002
- EN 13819-2:2002

Zugehöriger Prüfbericht: 2003 22877 vom 26.03.2004

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

0301134

No. of certificate

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

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

Ref. of customer:

Ref. of Test and Certification Body:
2003 22877

Date of Issue:
2004-03-26

Product designation: Ear-muff "Bilsom Clarity C1 F"

Type: Clarity C1 F

Intended purpose: Ear-muff with foldable headband / 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
- EN 13819-1:2002
- EN 13819-2:2002

Test report: 2003 22877 as of 2004-03-26

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 C1F Folding Earmuff

Reference: 1011143

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

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

0301134

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

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