



**PRODUCT NUMBER: 1011143**  
**Clarity C1F Folding Earmuff**

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

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## 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

#### EU Category PPE

3

#### Quality Assurance

ISO 9001 / 2000

**EU Certification**  
EU Attestation

## 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