



**PRODUCT NUMBER: 1010922**  
**Leightning L1s Headband Earmuff**

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## Overview

**Reference Number**

1010922

**Product Type**

Hearing Protection

**Range**

Earmuffs

**Line**

Noise Blocking Earmuffs

**Brand**

Howard Leight by Honeywell

**Brand formerly known as**

BILSOM

**Industry**

- Industry
- Administration
- Agriculture
- Army - Defence
- 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**

Noise Blocking Earmuff

## Features & Benefits

**Feature**

**AIR FLOW CONTROL TECHNOLOGY** Bilsom's patented Air Flow Control™ technology delivers optimal attenuation across all frequencies, without increasing earcup size or weight. A patented baseplate chamber and high-tech non-woven layer manage the flow of air inside the earmuff to control how sound reaches the ear. The result is better, more consistent overall attenuation for virtually all industrial noise environments. **STEEL WIRE CONSTRUCTION** Robust steel headband

withstands demanding use, especially in tough environments. SNAP-IN EAR CUSHIONS Snap-in ear cushions make replacement quick and easy. PADDED FOAM HEADBAND Delivers long-wearing comfort with minimal pressure on the head.

#### Benefit

When you're in a tough industrial environment and need to block noise, Bilsom's Leightning series' steel wire construction provides high performance and robust durability. Leightning stands up to daily use and abuse without compromising comfort. Bilsom has optimized the Leightning series to deliver the highest level of comfort available, featuring an exclusive padded foam headband and super soft ear cushions that eliminate that "squeezing pressure" on the head.

## Technical Description

#### SNR (dB)

30

#### H (dB)

31

#### M (dB)

28

#### L (dB)

23

#### 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)    | 17.9 | 20.3 | 22.9 | 28.3 | 32.9 | 32.3 | 39.3 | 35.1 |
| Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) | 5.3  | 2.5  | 2.8  | 1.7  | 2.9  | 3.8  | 2.8  | 4.0  |
| Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)      | 12.6 | 17.8 | 20.1 | 26.6 | 30.0 | 28.5 | 36.5 | 31.1 |

#### Earmuff Construction

Metal

#### Other Material

Steel Wire, PUR-E, PVC, Textile, PC/PBT, and ABS

#### Dielectric

No

#### Color

Black Headband and Light Grey Cup

#### Batteries Needed

None

#### Weight (grs)

194

#### Headband Style

Over-Head

#### Sound Amplification

No

#### AM/FM Radio

No

#### Automatic Shut-Off Function

No

#### Audio Input Jack

No

#### Hi-Visibility

No

## Certifications

### EC Category PPE

2

### Quality Assurance

ISO 9001 / 2000

### EC Certificate Number

1260

### EC Attestation

EC Attestation

### EC Attestation Number

040935

## 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. # 1011998 for L1, L1H, L1N  
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

7312550109229