



**PRODUCT NUMBER: 1011997**  
**Leightning L2Fs Folding Earmuff**

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



**Overview**

**Reference Number**  
1011997

**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. **FOLDING STYLE** For compact storage. Belt case available separately. **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)**

32

**H (dB)**

32

**M (dB)**

30

**L (dB)**

24

**Attenuation Data**

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)631252505001000200040008000Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)19.621.125.830.535.733.637.837.3Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)4.33.62.12.63.03.12.73.6Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)15.317.523.727.932.730.535.133.7

**Earmuff Construction**

Metal

**Other Material**

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

**Dielectric**

No

**Color**

Black Headband and Dark Grey Cups

**Batteries Needed**

None

**Weight (grs)**

236

**Design Patents**

Air Flow Control

**Headband Style**

Folding

**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**

EC1286

**EC Attestation**

EC Attestation

**EC Attestation Number**

041199

## 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. # 1011999 for L2, L2F, L2N

Belt Case - For carrying purposes. Ref. # 1000251

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

7312550119976

### Country of Origin

China