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PRODUCT NUMBER: 1012539

## Leightning L1Hs Helmet Earmuff [3711, 3712, 3721 Adapters]

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[Learn more about hearing conservation at hearforever.org >](http://hearforever.org)



Overview

### Reference Number

1012539

### Product Type

Hearing Protection

### Range

Earmuffs

### Line

Noise Blocking Earmuffs

### Brand

Howard Leight by Honeywell

### Brand formerly known as

BILSOM

### 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
- Logistics
- Maintenance
- Medical and Pharmaceutical
- Metal steel
- Mining and Quarrying
- Offshore
- Paper Industries
- Petro-chemical
- Printing Industries
- Services

- Telecoms
- Textile Industries
- Transportation
- Utilities
- Water treatment
- Welding
- Wood Industries
- Laboratory
- Ship Building
- Industry

**Product Use**

Noise Blocking Earmuff  
 For Construction workers

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 wire arms withstands demanding use, especially in tough environments. **SNAP-IN EAR CUSHIONS** Snap-in ear cushions make replacement quick and easy. **FOR USE WITH WIDE RANGE OF HELMETS INCLUDES 3711, 3712, 3721 ADAPTERS**

**Benefit**

When it comes to selecting an earmuff, comfort reigns supreme with workers. That's why the Thunder series earmuff is designed with all-day comfort in mind. Headband earmuffs feature a unique dual-headband for better positioning and breathability, and non-deforming outer headband that minimizes pressure on the head. Plus, its dielectric construction withstands use and abuse, while protecting workers in electrical environments.

Technical Description

**SNR (dB)**

28

**H (dB)**

31

**M (dB)**

25

**L (dB)**

19

**Attenuation Data**

	63	125	250	500	1000	2000	4000	8000
Frequency (Hz)								
Frequenz (Hz)								
Fréquence (Hz)								
Mean Attenuation (dB)	14.3	17.6	21.6	25.1	32.6	32.9	36.6	35.5
Mittlere Dämmung (dB)								
Atténuation moyenne (dB)								

Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	4.1	3.8	3.9	4.4	3.4	3.1	4.8	3.9
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	10.2	13.8	17.7	20.7	29.2	29.8	31.8	31.6

**Earmuff Construction**

Metal

**Other Material**

Steel Wire, POM, PC/PBT, ABS, PUR-E

**Dielectric**

No

**Color**

Black and Light Grey

**Batteries Needed**

None

**Weight (grs)**

192

**Design Patents**

Air Flow Control™

**Headband Style**

Helmet-Mounted

**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

1283, 25307PMS03

### EC Attestation

 EC Attestation

### EC Attestation Number

041040

We're sorry, there are no images available at this time.

## Photos & Images

## 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.

### Accessories

Hygiene Kit - Packed in a plastic bag, including two ear cushions and two liners. Ref. # 1011998 for L1, L1H, L1N

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Parts & Accessories

Adapters - For helmet attachment. Ref. # 1000242 for 3711, Ref. # 1000243 for 3712, Ref. # 1005292 for 3721

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

EAN Code

7312550125397

Packaging