



**PRODUCT NUMBER: 1011994**  
**Leightning L1Ns Neckband Earmuff**

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**Overview**

**Reference Number**

1011994

**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
- 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**

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 wire band

withstands demanding use, especially in tough environments. SNAP-IN EAR CUSHIONS Snap-in ear cushions make replacement quick and easy. NECKBAND STYLE Sleek, anatomic behind-the-head design can be worn with other PPE including face shields, helmets, visors and respirators. Includes headband strap for better positioning 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.

## Technical Description

#### SNR (dB)

29

#### H (dB)

31

#### M (dB)

27

#### L (dB)

21

#### 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)	18.3	17.9	21.9	27.9	32.7	32.1	35.4	35.8
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	5.5	3.5	3.2	3.0	2.9	2.9	3.5	3.8
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	12.8	14.4	18.7	24.9	29.8	29.2	31.9	32.0

#### Earmuff Construction

Metal

#### Other Material

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

#### Dielectric

No

#### Color

Black and Light Grey

#### Batteries Needed

None

#### Weight (grs)

171

#### Headband Style

Neckband

#### 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

EC1288

#### EC Attestation

EC Attestation

#### EC Attestation Number

041046

## 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

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

7312550119945

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EC Attestation

We are looking for a replacement document.  
Please try again later.



## 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: Leightning L1Ns Neckband Earmuff

Reference: 1011994

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

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

EC1288

**Delivered by:**

INSPEC International Ltd.

56 Leslie Hough Way, Salford

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United Kingdom

Drawn up in Sweden, on the 18/09/2018

**By:**

**Division:** Hearing Protection

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