



PRODUCT NUMBER: 1013941
**Leightning L3HV Hi-Visibility
 Headband Earmuff**

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

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



Overview

Reference Number

1013941

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

For Aviation and Construction Industries where Hi-Visibility is needed

Features & Benefits

Feature

BRIGHT GREEN EARCUPS Provides additional high visibility and contrast on the job. Ideal to wear at night, during the day, in low light, and under inclement weather conditions. Bright green color does not fade when exposed to sunlight.

REFLECTIVE HEADBAND Reflective material highly visible under light for increased visibility and safety, especially in low lighting. Delivers long-wearing comfort. Minimal headband pressure on the head. 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 the jobsite is outdoors or in low lighting, workers are exposed to increased safety hazards in addition to noise. Bilsom LEIGHTNING HI-VISIBILITY Earmuffs provide workers with a total solution for both hearing protection and visibility at night – and during the day. Its eye-catching bright green earcups provide a highly noticeable contrast against dark settings, especially in low lighting situations and inclement weather. Plus, LEIGHTNING HI-VISIBILITY are the only earmuffs that incorporate an exclusive reflective headband that glows when exposed to light, providing increased visibility and safety on the job.

Technical Description

SNR (dB)

34

H (dB)

33

M (dB)

32

L (dB)

27

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)	23.6	24.6	27.8	32.6	37.4	35.2	38.8	35.8
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	6.4	3.6	2.0	2.0	3.3	3.2	3.1	3.3
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	17.2	21.0	25.8	30.6	34.1	32.0	35.7	32.5

Earmuff Construction

Metal

Other Material

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

Dielectric

No

Color

Bright Green, Reflective Tape, Black and Grey

Batteries Needed

None

Weight (grs)

302

Headband Style

Over-Head

Sound Amplification

No

AM/FM Radio

No

Automatic Shut-Off Function

No

Audio Input Jack

No

Hi-Visibility

Yes

Certifications

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

1294

EC Attestation

 EC Attestation

EC Attestation Number

041108

Literature & Documents

 PIC SKU - Pictures

<http://www.honeywellsafety.com/assets/0/324/500/51887/d9d8fe85f0404f289ccdbd190f2efa8b.jpg>

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 liners. Ref. # 1012000 for L3, L3H, L3N
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

7312550139417

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