PRODUCT NUMBER: 1010922

Leightning L1s Headband Earmuff

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Honeywell
HOWARD LEIGHT

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
- Minning 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

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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

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Certifications

EU Category PPE
3

Quality Assurance
ISO 9001 / 2000

EU Certification
2777/12361-01/E00-00

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

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