



**PRODUCT NUMBER: 1010421**

## Mach 1 Earmuff

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

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### Overview

**Reference Number**

1010421

**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**

Earmuff

### Features & Benefits

**Feature**

**ECONOMICAL DESIGN** Provides adequate protection at a low cost. **LIGHTWEIGHT** Extremely lightweight construction provides for all-day comfort. **DIELECTIRC CONSTRUCTION** Suitable for all workplaces, especially electrical environments.

**Benefit**

The Mach 1 is an economical choice for basic hearing protection in short-term work situations. Mach 1's adjustable headband fits any head size, while its super-lightweight dielectric construction provides adequate protection.

## Technical Description

**SNR (dB)**

24

**H (dB)**

29

**M (dB)**

21

**L (dB)**

14

**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) 14.4 13.3 11.7 17.6 31.1 30.9 34.7 31.4 Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB) 3.8 2.9 1.8 2.4 2.9 2.8 2.4 4.9 Assumed Protection (dB) Angenommener (dB) Protection supposée (dB) 10.6 10.4 9.9 15.2 22.8 9.2 8.1 32.6 5

**Earmuff Construction**

Plastic [or Dielectric]

**Other Material**

POM, PP, PUR-E, PVC

**Dielectric**

Yes

**Color**

Black and Red

**Batteries Needed**

None

**Weight (grs)**

141

**Headband Style**

Over-Head

**Sound Amplification**

No

**AM/FM Radio**

No

**Automatic Shut-Off Function**

No

**Audio Input Jack**

No

**Hi-Visibility**

No

## Certifications

**EU Category PPE**

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**Quality Assurance**

ISO 9001 / 2000

**EU Certification**

EU Attestation

## Maintenance

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### 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

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

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