



**PRODUCT NUMBER: 1010970**  
**Thunder T3s Headband Earmuff**

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



**Overview**

**Reference Number**  
1010970

**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. Air Flow Control is a standard feature on all Thunder series earmuffs. **DIELECTRIC/PLASTIC CONSTRUCTION** Thunder's robust nondeforming dielectric

## Thunder T3s Headband Earmuff - 1010970

construction withstands use and abuse, while protecting your workers in electrical environments. NON-DEFORMING OUTER HEADBAND Thunder's non-deforming outer headband provides better comfort, minimizes pressure on head, withstanding rough treatment in the toughest workplaces. INNER-VENTILATED HEADBAND Provides better positioning, minimizes pressure on the head. Soft, comfortable contact surface breathes easier in warm/humid climates. QUICK CLICK HEIGHT ADJUSTMENT Height adjustment remains fixed during wear. SNAP-IN EAR CUSHIONS Make replacement quick and easy.

### **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)**

36

**H (dB)**

37

**M (dB)**

34

**L (dB)**

26

**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)	21.5	23.6	30.8	34.6	40.3	38.3	43.1	40.3
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	3.6	5.3	4.5	3.0	2.2	3.4	3.4	3.6
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	17.9	18.3	26.3	31.6	38.1	34.9	39.7	36.7

**Earmuff Construction**

Plastic [or Dielectric]

**Other Material**

POM, LDPE, PC/PBT, PP, PUR-E, PVC

**Dielectric**

Yes

**Color**

Black

**Batteries Needed**

None

**Weight (grs)**

306

**Headband Style**

Over-Head

**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**

0401010

**EC Attestation**

 EC Attestation

**EC Attestation Number**

200323144

## Additional Information

**User Manual**

User Manual

## 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. # 1010976 for T3

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**

7312550109700