

PRODUCT NUMBER: 1010928

Thunder T1s Headband  
Earmuff



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Overview

Reference Number

1010928

Product Type

Hearing Protection

Range

Earmuffs

Line

Noise Blocking Earmuffs

Brand

Howard Leight by Sperian

Brand formerly known as

BILSOM

Industry

- 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
- Logistics • Maintenance • Medical and Pharmaceutical • Metal steel • Mining and Quarrying

## Thunder T1s Headband Earmuff - 1010928

- Offshore
- Paper Industries
- Petro-chemical
- Printing Industries
- Services
- Telecoms
- Textile Industries
- Transportation
- Utilities
- Water treatment
- Welding
- Wood Industries
- Laboratory
- Ship Building
- Industry
- Administration

### 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 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. **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)

30

#### H (dB)

32

#### M (dB)

28

#### L (dB)

21

#### Attenuation Data

	63	125	250	500	1000	2000	4000	8000
Frequency (Hz) Frequenz (Hz) Fréquence (Hz)								
Mean Attenuation (dB) Mittlere Dämmung (dB) Atténuation moyenne (dB)	16.4	18.3	23.3	26.6	32.9	33.8	36.0	37.9
Standard Deviation (dB)	5.4	4.3	2.7	2.3	2.3	2.9	2.3	3.2

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Standardabweichung (dB) Déviation standard (dB)								
Assumed Protection (dB) Angenommener (dB) Protection supposée (dB)	11.0	14.0	20.6	24.3	30.6	30.9	33.7	34.7

### Earmuff Construction

Plastic [or Dielectric]

### Other Material

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

### Dielectric

Yes

### Color

Black and Green

### Batteries Needed

None

### Weight (grs)

186

### Design Patents

Air Flow Control™

### 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

0401096

**EC Attestation**

 EC Attestation

**EC Attestation Number**

200422137

**Photos & Images**

We're sorry, there are no images available at this time.

**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. # 1010974 for T1, T1H, T1F

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**

7312550109281



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