



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 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

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

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)	63	125	250	500	1000	2000	4000	8000
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) Standardabweichung (dB) Déviation standard (dB)	5.4	4.3	2.7	2.3	2.3	2.9	2.3	3.2
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

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

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



Translation

In any case, the German
original shall prevail.

EC-Type Test Certificate

0401096

No. of certificate

Name and address of the
holder of the certificate:
(customer) Bacou Dalloz AB
Box 550
S-26050 Billesholm

Name and address of the
manufacturer: Bacou Dalloz AB
Box 550
S-26050 Billesholm

Ref. of customer:

Ref. of Test and Certification Body:
200422137

Date of Issue:
2004-10-15

Product designation: Ear-muff Bilsom Thunder T1s

Type: Thunder T1s

Intended purpose: Ear-muff with headband / personal protective equipment according to article 8 (2) of the EC-directive 89/686/EEC (category II)

Testing based on: - Basic requirements for health and safety in accordance with Annex II of the EC-directive 89/686/EEC
- EN 352-1:2002
- BS EN 24869-1:1993, ISO 4869-1:1990

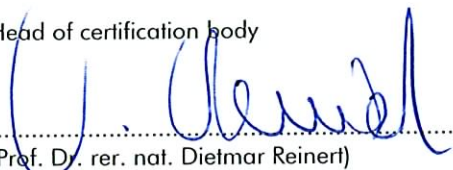
Test report: 200422137 as of 2004-10-15

Remarks: none

The type tested complies with the provisions laid down in the directive 89/686/EEC (Personal Protective Equipment), amended by the directives 93/68/EEC, 93/95/EEC and 96/58/EC.

Further conditions are laid down in the Rules of Procedure for Testing and Certification of April 2004.

Head of certification body


.....
(Prof. Dr. rer. nat. Dietmar Reinert)

Certification officer


.....
(Dr. rer. nat. Martin Liedtke)





EG-Baumusterprüfbescheinigung

0401096

Bescheinigungs-Nummer

Name und Anschrift des
Bescheinigungsinhabers:
(Auftraggeber) Bacou Dalloz AB
Box 550
S-26050 Billesholm

Name und Anschrift des
Herstellers: Bacou Dalloz AB
Box 550
S-26050 Billesholm

Zeichen des Auftraggebers:

Zeichen der Prüf- und Zertifizierungsstelle:
200422137

Ausstellungsdatum:
15.10.2004

Produktbezeichnung: Kapselgehörschützer Bilsom Thunder T1s

Typ: Thunder T1s

Bestimmungsgemäße
Verwendung: Kapselgehörschützer mit Kopfbügel / Persönliche Schutzausrüstung nach Art. 8 (2) der EG-Richtlinie
89/686/EWG (Kategorie II)

Prüfgrundlage: - Grundlegende Anforderungen für Gesundheitsschutz und
Sicherheit nach Anhang II der EG-Richtlinie 89/686/EWG
- EN 352-1:2002
- BS EN 24869-1:1993, ISO 4869-1:1990


Zugehöriger Prüfbericht: 200422137 vom 15.10.2004

Bemerkungen: keine


Das geprüfte Baumuster entspricht den einschlägigen Bestimmungen der Richtlinie 89/686/EWG (Persönliche Schutzausrüstungen),
geändert durch die Richtlinien 93/68/EWG, 93/95/EWG und 96/58/EG.

Weitere Bedingungen regelt die Prüf- und Zertifizierungsordnung vom April 2004.

Leiter der Zertifizierungsstelle


.....
(Prof. Dr. rer. nat. Dietmar Reinert)

Fachzertifizierer


.....
(Dr. rer. nat. Martin Liedtke)



E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community:

Honeywell Safety Products Europe

Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:

Designation: Thunder T1s Headband Earmuff

Reference: 1010928

Standard(s): EN-352-1:2002

This PPE is the object of the below EC examination certificate n°:

0401096

Delivered by:

B.G.I.A.

Alte Heerstrasse 111

53754

Stankt Augustin

Germany

Drawn up in Germany, on the 01/10/2015

By:

Division: Hearing Protection

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