



PRODUCT NUMBER: 3302152
QM24+ Earmuff

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

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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



Overview

Reference Number

3302152

Product Type

Hearing Protection

Range

Earmuffs

Line

Noise Blocking Earmuffs

Brand

Howard Leight by Honeywell

Brand formerly known as

HOWARD LEIGHT

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

Dielectric Design Usable in work environments with electricity. Low Weight Light makes all-day wear more comfortable. Broad Ear Cushions Comfort for all sizes and headband positions.

Benefit

Sets new records for value for money hearing protection.

Technical Description

SNR (dB)

25,26,25

H (dB)

30,29,30

M (dB)

23,23,22

L (dB)

14,15,14

Attenuation Data

H=30 M=23L=14BEHIND HEAD SNR 25dB
 Frequency (Hz)Frequenz (Hz)Fréquence (Hz)
 631252505001000200040008000Mean Attenuation (dB)Mittlere Dämmung (dB)Atténuation moyenne (dB)
 10.511.315.924.332.632.932.534.5Standard Deviation (dB)Standardabweichung (dB)Déviation standard (dB)
 4.53.82.62.74.33.73.93.3Assumed Protection (dB)Angenommener (dB)Protection supposé
 (dB)6.07.513.321.628.329.228.631.2H=29 M=23L=15OVER HEAD SNR 26dB
 Frequency (Hz)Frequenz (Hz)Fréquence (Hz)
 631252505001000200040008000Mean Attenuation (dB)Mittlere Dämmung (dB)Atténuation moyenne (dB)
 14.010.616.224.131.231.431.435.4Standard Deviation (dB)Standardabweichung (dB)Déviation standard (dB)
 3.92.92.53.23.22.73.03.6Assumed Protection (dB)Angenommener (dB)Protection supposé
 (dB)10.17.713.720.928.028.728.431.8H=30 M=22L=14UNDER CHIN SNR 25dB
 Frequency (Hz)Frequenz (Hz)Fréquence (Hz)
 631252505001000200040008000Mean Attenuation (dB)Mittlere Dämmung (dB)Atténuation moyenne (dB)
 13.411.316.123.329.732.532.633.9Standard Deviation (dB)Standardabweichung (dB)Déviation standard (dB)
 5.44.63.03.92.52.63.43.9Assumed Protection (dB)Angenommener (dB)Protection supposé
 (dB)8.06.713.119.427.229.929.230.0

Earmuff Construction

Plastic [or Dielectric]

Dielectric

Yes

Color

Black and Red

Batteries Needed

None

Weight (grs)

300

Headband Style

Multiple-Position

Sound Amplification

No

AM/FM Radio

No

Automatic Shut-Off Function

No

Audio Input Jack

No

Hi-Visibility

No

Certifications

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

981047

EC Attestation EC Attestation**EC Attestation Number**

9601153

Additional Information**User Manual**

Earmuff Instruction Poster - EN

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 -

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