HONEYWELL HOWARD LEIGHT™
HEARING PROTECTION MINI GUIDE
Designed with you in mind.
EARMUFFS
Robust Protection. Top Performance.

Every day, employees count on Honeywell Howard Leight™ earmuffs to block noise and manage sound in some of the world’s most acoustically-challenging environments. Utilizing our patented technologies, we offer a range of earmuffs with varying product features and attenuation levels targeted to fulfill the needs and meet the demands of different users and work situations.
PASSIVE | Leightning® Family

Robust steel wire construction withstands demanding use. Snap-in ear cushions make replacement quick and easy. Padded foam headband delivers optimum comfort with minimum pressure on the head. High-visibility options with reflective headbands are also available.

**Leightning® Headband**
Maximum protection and durable padded metal headband.

- **L1** | NRR 25 | 1010922-H5
  CAN B
- **L3** | NRR 30 | 1010924-H5 (shown)
  CAN A(L)

**Leightning® Hi-Vis Headband**
Reflective headband and high-visibility for added protection

- **L3HV** | NRR 30 | 1013941
  CAN A(L)

**Leightning® Cap-Mounted**
For use with a wide range of hard hats, with full brim option

- **L1H** | NRR 23 | 1011991
  CAN B(L)
- **L3H** | Standard brim North hat
  NRR 27 | EM7206-HL
  CAN A
- **L3H** | Full brim North hat
  NRR 26 | EM7209-HL
  CAN A
- **L3H** | NRR 27 | 1011993 (shown)
  CAN A(L)

**Leightning® Neckband**
Sleek, anatomical behind-the-neck design

- **LON** | NRR 22 | 1013460
  CAN B
- **L1N** | NRR 25 | 1011994-H5
  CAN B
- **L3N** | NRR 28 | 1011996 (shown)
  CAN A(L)

**Leightning® Folding**
Convenient folding design for easy storage less than 4” wide

- **LOF** | NRR 23 | 1013461
  CAN B

**Leightning® Hi-Vis Folding**
Convenient folding design for easy storage

- **L2FHV** | NRR 27 | 1013942
  CAN B(L)
Dielectric construction ideal for electrical environments. Dual-headband design comfortable for long-term wear. Quick-Click height adjustment remains fixed during wear.

**Thunder® Headband**
Uniform headband pressure for all head sizes

- **T1** | NRR 26 | 1010928-H5  
  CAN A
- **T2** | NRR 28 | 1010929-H5  
  CAN A(L)
- **T3** | NRR 30 | 1010970-H5 (shown)  
  CAN A(L)

**Thunder® Cap-Mounted**
For use with a wide range of hard hats. Folds back for easy storage

- **T1H** | NRR 23 | 1011601 (green)  
  CAN A
- **T1H** | Standard brim North hat 
  NRR 23 | EM2177-HL (red)  
  CAN A
- **T1H** | Standard brim North hat 
  NRR 23 | EM4157-HL (blue)  
  CAN A
- **T2H** | NRR 25 | 1011602 (green)  
  CAN A(L)
- **T3H** | NRR 27 | 1011603 (shown)  
  CAN A(L)

**Thunder® Folding**
Convenient folding design for easy storage

- **T1F** | NRR 25 | 1011600-H5  
  CAN A

**Inspect:** Regularly examine earcups and ear cushions for cracks and leaks—discard if earcups are visibly damaged or compromised. Replace ear cushions if damaged.

**Clean:** Wash earcups and ear cushions regularly with mild soap and water. They should not be dipped into water. Do not treat with any other substances as the ear cushions may degrade and compromise effectiveness.

**Replace:** As ear cushions and foam inserts can degrade over time, replace these every 6-8 months under normal wear, or every 3-4 months with heavy use or in humid/extreme climates.
Economical choice for dielectric designs with adjustable headbands for your hearing protection needs.

**Mach1 Headband**
Lightweight option with adjustable headband

Mach1 | NRR 18 | 1010421-H5
CAN B

**QM24+® Multi-Position Headband**
Ultra-lightweight design

QM24+ | NRR 25 | QM24PLUS
CAN B

**Viking® Multi-Position Headband**
Inner-ventilated headband

V1 | NRR 25 | 1010925-H5 (blue)
CAN B
V2 | NRR 27 | 1010926 (shown)
CAN A(L)
V3 | NRR 29 | 1010927 (black)
CAN A(L)

**Clarity® Headband**
Protects hearing while allowing speech frequencies to be heard more naturally.

C1 | NRR 20 | 1011142-H5 (shown)
CAN B
C3 | NRR 27 | 1011146
CAN B(L)

**Clarity® Cap-Mounted**
Communication benefits of Clarity in a cap-mounted earmuff for a variety of hard hats.

C1H | NRR 20 | 1011144
CAN B
CONNECTED | Impact® Family

Electronic sound amplification allows wearers to hear important communication — alarms/warning signals, co-worker’s voice.

**Impact Pro Industrial**
Highest passive NRR in electronic earmuffs

- **NRR 30** | 1030943
- CAN A(L)

**Impact H Cap-Mounted**
For use with a wide range of hard hats

- **NRR 21** | 1010632
- CAN B

**Impact Sport**
Amplifies ambient sound while protecting hearing

- **NRR 22** | R-01526 (hunter green)
- CAN B(L)
- **NRR 22** | 1030941 (camouflage)
- CAN B
- **NRR 22** | 1030942 (tactical black shown)
- CAN B
CONNECTED | Sync® Family

Combine hearing protection, high-fidelity sound, and the ability for individuals to listen to the radio or personal listening devices safely at work and at home.

**Sync® Wireless Bluetooth®**
Easy push-button connectivity to any Bluetooth® device

NRR 25 | 1030945  
CAN A(L)

**Sync® Radio**
AM/FM reception. Built for outdoor work environments

NRR 25 | 1030331  
CAN A(L)

**Sync® Radio Hi-Vis**
High visibility earmugs and reflective headband for visibility

NRR 25 | 1030390  
CAN A(L)

**Sync® Stereo**
Stereo earmuff that easily connects to MP3 players

NRR 25 | 1030110  
CAN (L)

**Sync® Electo**
Combines high-quality FM radio with electronic sound amplification

NRR 25 | 1030333  
CAN (L)

**Sync® Electo H Cap-Mounted**
Sync Electo in cap-mounted style to fit a variety of hard hats

NRR 25 | 1030334-H5  
CAN B(L)
The Honeywell Howard Leight™ commitment to hearing protection means considering all the features that make one earplug different from another: material, shape, fit, and NRR.

We make it easy to compare products and ensure that all your employees receive the right fit and protection.
DISPOSABLE

An economical and convenient choice for work situations that demand a high degree of comfort, or where hygiene presents a problem for reuse. Formable foam is also THE material of choice when highest attenuation is required.

**Max**
Highest NRR in disposable

<table>
<thead>
<tr>
<th>NRR</th>
<th>Model</th>
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<tr>
<td>33</td>
<td>MAX-1</td>
<td>MAX-30</td>
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**Max Lite**
Low pressure foam for comfort

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<tr>
<td>30</td>
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**Max Small**
Comfort for smaller ear canals

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<thead>
<tr>
<th>NRR</th>
<th>Model</th>
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<tr>
<td>30</td>
<td>MAX-1S</td>
<td>MAX-30S</td>
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**Max USA**
Patriotic red, white, and blue colors

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<th>NRR</th>
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<tr>
<td>33</td>
<td>MAX1-USA</td>
<td>MAX30-USA</td>
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**Laser Lite**
Highly visible protection

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<tr>
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<tr>
<td>32</td>
<td>LL-1</td>
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**X-TREME**
Tapered design for comfort

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<th>NRR</th>
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<tr>
<td>32</td>
<td>XTR-1</td>
<td>XTR-30</td>
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</table>

**FirmFit**
Firm foam reinvented

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<tr>
<td>30</td>
<td>FF-1</td>
<td>FF-30</td>
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</table>

For Disposable Foam Earplugs

**Inspect:** Prior to fitting, examine your earplugs.

**Discard:** Discard disposable earplugs after each use, or if earplugs are compromised.

**Hygiene:** To maintain hygiene standards, disposable earplugs should be discarded at the end of every shift.
PUSH-IN FOAM

Designed so they’re easy to fully insert and remove without picking up dirt from workers’ fingers, and comfortable to wear during the work day. Give workers confidence — with TrustFit® push-in foam earplugs.

TrustFit® Pod
No-roll push-in foam earplug

NRR 28 | TRUSTFITPOD-1 TRUSTFITPOD-30
CAN A(L) uncorded corded

For Push-In Foam Earplugs

Inspect: Prior to fitting, examine earplugs for dirt, damage or hardness – discard immediately if compromised.

Clean: Earplugs should be cleaned between each use and prior to re-insertion. To wash use mild soap and warm water, pat dry then store in protected area when not in use. Chemicals, disinfectants, and solutions should not be used on foam earplugs.

Hygiene: Earplugs can be used a full work-week. Replace after 5 days or if foam tip is damaged or hardened.
## REUSABLE

Ideal for environments where employees can retain and store earplugs for reuse over time, reducing waste and saving money.

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>NRR</th>
<th>Codes</th>
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<tbody>
<tr>
<td><strong>Quiet</strong></td>
<td>Easy handling, better fit</td>
<td>26, 21</td>
<td>QD-1, QD-30, QD-30</td>
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<tr>
<td><strong>Clarity</strong></td>
<td>Enhanced communication</td>
<td>21</td>
<td>1005329</td>
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<tr>
<td><strong>Clarity Small</strong></td>
<td>For smaller ear canals</td>
<td>21</td>
<td>1005328</td>
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<tr>
<td><strong>Fusion</strong></td>
<td>All-day comfort, easy handling</td>
<td>27</td>
<td>FUS30-HP</td>
</tr>
<tr>
<td><strong>Fusion Small</strong></td>
<td>For smaller ear canals</td>
<td>27</td>
<td>FUS30S-HP</td>
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<tr>
<td><strong>SmartFit</strong></td>
<td>Personalized fit</td>
<td>25</td>
<td>SMF-30</td>
</tr>
<tr>
<td><strong>AirSoft</strong></td>
<td>Optimized for comfort</td>
<td>27</td>
<td>DPAS-1, DPAS-30R</td>
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</tbody>
</table>

### For all Molded Reusable Earplugs

**Inspect:** Prior to fitting, examine your earplugs for dirt, damage, deformation or extreme hardness—discard immediately if compromised.

**Clean:** Wash reusable earplugs with mild soap and warm water only. Pat dry with a towel and store when not in use. Do not treat with any other substances, as the earplugs may degrade and compromise effectiveness.

**Hygiene:** With proper maintenance, reusable earplugs can be used daily for 2-4 weeks.
DETECTABLE

Specially created for environments where contamination from foreign objects is unacceptable. Available in both disposable and reuseable options. Detectable features (metal, visual, optical, x-ray).

Laser Trak®
Disposable, visual and metal detectable features
NRR 33 | LT-30
CAN A(L) corded

SmartFit® Detectable
Personalized fit and detectability
NRR 25 | SDT-30
CAN A(L) corded

Fusion® Detectable
All-day comfort, easy handling and detectability
NRR 25 | FDT-30
CAN A(L) corded

Fusion® Detectable Small
All-day comfort for smaller ear canals and detectability
NRR 25 | FDT-30-SM
CAN A(L) corded

How to Properly Insert Earplugs

Step 1: Roll (disposable only)
For roll-down foam earplugs, start rolling the foam gently to avoid creases. Then roll firmly to make the cylinder as small and stiff as possible. Move quickly to next step so that the earplug doesn’t expand before insertion.

Step 2: Pull
Reach over the head to pull OUT (or for some people, pull UP or BACK) on the outer ear. Have someone observe and give you feedback about which pull-direction is most effective in opening the ear canal for a better fit.

Step 3: Insert
Insert the earplug far enough so that it goes around the bend in the ear canal. This often feels sensitive (not painful), or may trigger a cough reflex. This is normal. Let go of the ear after the earplug is fully inserted.
BANDED

An alternative for those who work in intermittent noise or for managers and visitors who move in and out of noisy areas.

QB1® HYG
Inner-aural protection
NRR 27  |  QB1HYG
CAN A(L)

QB2® HYG
Supra-aural protection
NRR 25  |  QB2HYG
CAN B(L)

QB3® HYG
Semi-aural protection
NRR 23  |  QB3HYG
CAN B(L)

PerCap®
Folding semi-aural protection
NRR 20  |  PERCAP
CAN B(L)

For more information, visit us online at
www.howardleight.com
or contact Honeywell Industrial Safety at 800.430.5490.

For all Banded Earplugs

Inspect: Inspect band and earpods prior to fitting.
Replace earpods if they are dirty, damaged, hard or stiff.
Replace the band if it becomes brittle or deformed.

Clean: Clean the band and earpods with mild soap and warm water only, and dry thoroughly. Use of cleaners other than mild soap and water may damage the materials.

Replace: Replace pods every 2–4 weeks to ensure optimal protection and performance.
VeriPRO® Fit-Testing System

Test real earplugs. Get real results.

VeriPRO®’s three-step process checks the effectiveness of an employee’s earplug fit in each ear, using either Quick Check or Complete Check mode. This information is then captured in individual reports, accessible by the safety manager.

Software

The software for VeriPRO was created to be easy to use — as simple as an ATM or an airport ticketing kiosk. It’s easy to install on any PC, easy to get started and easy to operate. Its straightforward interface is readily understandable, even for people who aren’t regular computer users.

Audio Processor

Converts digital signal from the VeriPRO software, calibrates it to the headphones and amplifies the sound. The Audio Processor ensures accurate delivery of VeriPRO signals and increases test reliability.

Headphones

The VeriPRO headphones are not your typical listening gear. These patented high-output headphones were designed specifically for VeriPRO. They are audiometrically optimized and calibrated to the signals used in the VeriPRO test, and can be used to test any earplug including earplugs that haven’t even been invented yet.