

3M™ PELTOR™ Level Dependent Earplug, LEP-200 EU OR

Product Description

The 3M™ PELTOR™ Level Dependent Earplug LEP-200 helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level-dependent technology, the LEP-200 helps provide hearing protection in noise and enhanced situational awareness in quiet environments. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory sold separately.

Key Features

- Helps provide hearing protection
- Level-dependent function (for enhanced situational awareness)
- Intuitive one-button operation
- Automatically charge in the box
- Allow audio signals to be received wirelessly from a neckloop accessory
- Replaceable eartips



Applications

Forestry, Agriculture, Hunting and Shooting

Standards and Approvals

Hereby, 3M Svenska AB declares that the product is in compliance with appropriate directives or regulations to fulfill the requirements for the CE marking.

The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC.

A copy of the declaration of conformity and additional information required in the directives or regulations can also be obtained by contacting 3M in the country of purchase.



Models:

| Article number | Description | 3M ID number |
|----------------|---|--------------|
| LEP-200 EU OR | 3M™ PELTOR™ LEP-200 EU OR Level Dependent Earplug Kit | 7100233826 |

Accessories and Spare parts

| | | |
|----------------|--|-------------|
| LEP-200E OR | 3M™ PELTOR™ Replacement Earpiece | 7100233884 |
| LEP-200C OR | 3M™ PELTOR™ LEP Earplug Replacement Case | 71400233705 |
| 370-TEPL-25 | 3M™ UltraFit™ Communication Tips Replacement, Large, 25 pairs | 7100066388 |
| 370-TEPM-25 | 3M™ UltraFit™ Communication Tips Replacement, Medium, 25 pairs | 7100066387 |
| 370-TEPS-25 | 3M™ UltraFit™ Communication Tips Replacement, Small, 25 pairs | 7100066371 |
| PELTIP5-01 | 3M™ Torque™ Eartips, 50 pairs | 7000108492 |
| CCC-GRM-25 | 3M™ PELTOR™ Communication Tip, 25 pairs | 7100103087 |
| TEP-WINDSCREEN | 3M™ PELTOR™ TEP/LEP WINDSCREEN FOAM | 7100113748 |
| TEP-CORD | 3M™ PELTOR™ Tactical Earplug Replacement Cord | 7100074090 |

Technical data specifications

3M™ PELTOR™ Level Dependent Earplug, LEP-200 EU OR

Technical data specifications

Model

| | |
|-----------------|------------------|
| Microphone Type | Omni-directional |
|-----------------|------------------|

Earplug Power / Electrical Characteristics

| | |
|------------------------------|----------------------------------|
| Earplug Battery Type: | Lithium Ion |
| Earplug Battery Life: | Approximately: 16 hours |
| Earplug Battery Charge Time: | Approximately: 90 minutes |
| Earplug Volume Steps: | 4 steps, -6dB, +0dB, +6dB, +10dB |
| Case Battery Type: | 3 AA Alkaline Batteries |
| Case Battery Life: | Up to 16 recharging cycles |
| Case USB Type: | Micro B |

Standards

| | |
|---------------------------|-------------------------------------|
| Waterproof Rating Case: | IP54 with Cover and USB port closed |
| Waterproof Rating Earbud: | IP67 |
| SNR | PPE directive 89/686/EEC |

Physical Characteristics

| | |
|--|---|
| Case Size (L x W x H): | 114.2 mm x 78.2 mm x 26.9 mm |
| Case Material: | ABS |
| Earplug Keypad: | One button operation (On / Off / Mode Selection) |
| Case Keypad: | One button operation (Charging Status) |
| RoHS Compliance: | RoHS II |
| Weight Box containing charger, 2 Earplugs, 4 pair communications eartips, cord, Wind-screen, 3 AA batteries: | Approximately: 272 g |
| Weight Charger with batteries, 2 earpieces, and cord: | Approximately: 198 g |
| Weight: Charger | Approximately: 119 g |
| Weight: 1 earpiece: | Approximately: 4 g |

Environmental Characteristics

| | |
|------------------------------|------------------------------|
| Storage temp (complete kit): | -20 to +50°C (-4°F to 122°F) |
| Earpiece Operating temp | -20 to +50°C (-4°F to 122°F) |
| Charger Operating temp | 0 to +45°C (32°F to 117°F) |
| Shelf time (battery): | Max 12 Months |

Laboratory Attenuation

Ultrafit™ Eartips



| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| MV (dB) | 34.5 | 31.5 | 36.2 | 33.4 | 34.8 | 34.9 | 38.8 | 34.5 | 33.6 | 33.0 | 35.2 |
| SD (dB) | 6.0 | 5.4 | 5.6 | 4.3 | 3.8 | 5.0 | 4.0 | 3.7 | 4.0 | 4.6 | 3.8 |
| APV = MV - SD (dB) | 28.5 | 26.1 | 30.6 | 29.1 | 31.0 | 29.9 | 34.8 | 31 | 30 | 28 | 31 |

PELTIP5-01/Torque™ Eartips (not incl.)



| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| MV (dB) | 37.8 | 36.0 | 40.5 | 41.2 | 41.3 | 39.6 | 46.1 | 40.3 | 39.9 | 38.2 | 41.0 |
| SD (dB) | 4.3 | 5.5 | 4.2 | 4.7 | 3.2 | 4.3 | 3.6 | 3.0 | 3.4 | 4.1 | 3.1 |
| APV = MV - SD (dB) | 33.5 | 30.5 | 36.3 | 36.5 | 38.0 | 35.3 | 42.5 | 37 | 37 | 34 | 38 |

CCC-GRM-25 Eartips



| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|
| MV (dB) | 35.5 | 32.5 | 37.1 | 38.0 | 37.6 | 39.5 | 45.5 | 38.0 | 37.1 | 35.2 | 38.7 |
| SD (dB) | 4.5 | 4.0 | 4.4 | 3.7 | 2.9 | 4.6 | 4.2 | 2.6 | 3.1 | 3.6 | 2.8 |
| APV = MV - SD (dB) | 30.9 | 28.4 | 32.7 | 34.3 | 34.6 | 34.9 | 41.3 | 35 | 34 | 32 | 36 |

WARNING! 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. In the absence of applicable regulations, it is recommended that the SNR be reduced to better estimate typical workplace protection.

CAUTION! When worn according to the User Instructions, this hearing protector helps reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, please visit www.3M.com/hearing.



Warranty:

The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. Always read and follow User Instructions.



3M Personal Safety Division

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