

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.

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

Article Number	Description	3M ID Number
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™ Ear Tips, 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	70071673795

Technical Data Specifications



Model

Microphone Type: Omni-directional

Earpiece 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, 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 +50°C (32°F to 122°F)

Shelf time (battery): Max 12 Months

Laboratory Attenuation



Table 1: 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	3



Table 2: 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



Table 3: 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

Hearing Protection Products* These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For proper use, see supervisor, User instructions, or call 3M Technical Service in the U.S.A at 1-800-243-4630. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury. Choking Hazard - Keep away from infants and small children.

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 and Important Notice

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. 3M acknowledges the respective Trademark Owners' rights in this literature.



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