



3M™ PELTOR™ Level Dependent Earplug, LEP-200 and 3M™ PELTOR™ Tactical Earplug, TEP-200

Product Description



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

Key Features

- Helps provide hearing protection
- Level-dependent function (environmental listening)
- Intuitive one-button operation
- Rechargeable
- Allow audio signals to be received wirelessly from a neckloop

Applications

Construction, Maintenance, Manufacturing, Hunting / Shooting, Law Enforcement, Military.

Standards and Approvals

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

Waterproof Rating: Earpiece and Case (with lid and USB port securely closed) are IP54 compliant. Noise Reduction Rating (NRR) Tested in accordance with ANSI S3.19-1974

3M™ PELTOR™ Tactical Earplug, TEP-200

Waterproof Rating: Earpiece and Case (with lid and USB port securely closed) are IP67 compliant. Noise Reduction Rating (NRR) Tested in accordance with ANSI S3.19-1974

Models

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Article number	Description	3M ID number
LEP-200	3M™ PELTOR™ Level Dependent Earplug, LEP-200	70-0716-7700-2
TEP-200	3M™ PELTOR™ Tactical Earplug Kit, TEP-200	70-0716-7699-6

Accessories and Spare parts

TEP-CORD	3M™ PELTOR™ Tactical Earplug Replacement Cord	70-0716-7379-5
TEP-200E	3M™ PELTOR™ Replacement Earpiece	70-0716-7705-1
TEP-100C	3M™ PELTOR™ Tactical Earplug Replacement Case	70-0716-5026-4
LEP-200E	3M™ PELTOR™ Replacement Earpiece	70-0716-7704-4
LEP-100C	3M™ PELTOR™ LEP Earplug Replacement Case	70-0716-7513-9
370-TEPL-25	3M™ UltraFit™ Communication Tips Replacement, Large, 25 pairs	70-0716-7374-6
370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium, 25 pairs	70-0716-7373-8
370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small, 25 pairs	70-0716-7372-0
370-1019-10	3M™ Skull Screw™, Communication Tips, 10 pairs	70-0716-1527-5
CCC-GRM-25	3M™ PELTOR™ Communication Tip	70-0716-7521-2
TEP-WINDSCREEN	3M™ PELTOR™ TEP/LEP WINDSCREEN FOAM	70-0716-7590-7
TEP-LOOP-200	3M™ PELTOR™ Neckloop (works with both TEP/LEP-200)	70-0716-7703-6

Technical Data Specifications

Model

Microphone Type: Omni-directional

Earpiece Power/Electrical Characteristics

Earplug Battery Type: Lithium Ion

Earplug Battery Life: Up to 16 hours

Earplug Battery Charge Time: Approximately 90 minutes

Earplug Volume Steps: Off, Low, Normal, High

Case Battery Type: 3 AA Alkaline Batteries

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Case Battery Life: Up to 16 recharging cycles

Case USB Type: USB-C(R)

Standards

Waterproof Rating:

TEP-200: Complies with IP67 with cover and USB port closed.

LEP-200: Complies with IP54 with cover and USB port closed.

Physical Characteristics

Case Size (L x W x H): 4.5" long x 3.1" wide x 1.1" thick (114.2mm x 78.2mm x 26.9mm)

Case Material:

LEP: ABS

TEP: Glass filled polyetherimide

Earpiece 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: 9.6oz (272g)

Weight Charger with batteries, 2 earpieces, and cord: 7.0oz (198g)

Weight: Charger: 4.2oz (119g)

Weight: 1 earplug: 0.13m oz (4g)

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Environmental Characteristics

Storage Temperature Range:

1 year: -4°F to 68°F (-20 to +20°C)

3 months: -4°F to 113°F (-20 to +45°C)

1 month: -4°F to 140°F (-20 to +60°C)

Operating Temperature Range:

Earpiece operating temp: -20 to +50°C (-4°F to 122°F)

Charger operating temp: 0 to +50°C (32°F to 122°F)

Laboratory Attenuation*

Table 1: 3M™ UltraFit™ Eartips

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	36.2	33.7	34.7	32.0	34.5	37.4	35.6	38.0	37.5	23 dB	AL
Standard Deviation (dB)	5.1	5.2	5.5	3.9	3.4	5.3	6.5	4.4	5.4		

Table 2: 3M™ Triple-C Communication Eartips

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	34.5	30.6	36.3	35.2	35.5	38.6	37.6	44.6	45.7	27 dB	AL
Standard Deviation (dB)	4.2	3.9	4.1	3.0	3.5	3.3	3.8	3.6	4.3		

Table 3: 3M™ Skull Screws™ Eartips (not included)

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation (dB)	36.3	35.7	39.8	41.4	40.4	43.0	41.9	48.2	46.0	30 dB	AL
Standard Deviation (dB)	5.3	5.5	5.5	4.2	3.4	4.6	3.5	4.6	4.2		

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* Research suggests that many users will receive less noise reduction than indicated by the NRR due to factors including variation in earplug fit, and earplug fitting skill and motivation of the user. 3M strongly recommends fit testing of hearing protectors. If the NRR is used to estimate typical workplace protection, 3M recommends that the NRR be reduced by 50% or in accordance with applicable regulations.

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.



Personal Safety Division

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