

3M Personal Safety Division
3M™ PELTOR™ TEP-100 Tactical Earplug



PELTOR™

The Sound Solution



Hearing Protection & Situational Awareness



The 3M™ PELTOR™ TEP-100 Tactical Earplug helps provide hearing protection, and helps improve situational awareness and communication. The small, lightweight, and rechargeable tactical earplugs are designed for tactical, engineering, and maintenance applications.

The power to protect your worldSM



3M™ PELTOR™ Technical data specifications

3M™ PELTOR™ TEP-100 Tactical Earplug

Technical data specifications

Model

Microphone Type Omni-directional

Earpiece Power / Electrical Characteristics

Earpiece Battery Type:	Lithium Ion
Earpiece Battery Life:	Up to 16 hours
Earpiece Battery Charge Time:	Approximately 90 minutes
Earpiece Volume Steps	2 steps, Low and High
Case Battery Type	3 AA Alkaline Batteries
Case Battery Life:	Up to 16 recharging cycles
Case USB Type:	Micro B

Standards

Waterproof Rating	Complies with IP67 with cover and USB ports closed.
Noise Reduction Rating (NRR)	Tested in accordance with ANSI S3.19-1974

Physical Characteristics

Case Size (L x W x H)	4.5" long x 3.1" wide x 1.1" thick (114.2 mm x 78.2 mm x 26.9 mm)
Case Material	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 earpieces, 4 pair communications earpieces, cord, 3 AA batteries	9.6 oz
Weight Charger with batteries, 2 earpieces, and cord	7.0 oz
Weight: Charger	4.2 oz
Weight: 1 earpiece:	0.13 oz

Environmental Characteristics

Operating Temperature Range	0 to 122°F (0 to 50°C)
Storage Temperature Range	1 year at -4 to 68°F (-20 to 20°C) 3 months at -4 to 113°F (-20 to 45°C) 1 month at -4 to 140°F (-20 to 60°C)



3M Personal Safety Division

3M Center
Building 235-2W-70
St. Paul, MN 55144-1000
For More Information
www.3M.com/PeltorTEP
Technical Assistance (U.S.A.)
1-800-665-2942
Customer Service (U.S.A.)
1-800-328-1667

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Laboratory Attenuation ANSI S3.19-1974

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	AL
Standard Deviation [dB]	5.1	5.2	5.5	3.9	3.4	5.3	6.5	4.4	5.4		

3M™ Skull Screws™ Eartips

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	AL
Standard Deviation [dB]	5.3	5.5	5.5	4.2	3.4	4.6	3.5	4.6	4.2		

Part #	SKU	Description
TEP-100	70-0716-5628-7	3M™ PELTOR™ TEP-100 Tactical Earplug Kit
TEP-CORD	70-0716-7379-5	3M™ PELTOR™ Tactical Earplug Replacement Cord
TEP-100E	70-0716-5025-6	3M™ PELTOR™ Replacement Earpiece
TEP-100C	70-0716-5026-4	3M™ PELTOR™ Tactical Earplug Replacement Case
370-TEPL-25	70-0716-7374-6	3M™ PELTOR™ UltraFit Communication Tips Replacement, Large
370-TEPM-25	70-0716-7373-8	3M™ PELTOR™ UltraFit Communication Tips Replacement, Medium
370-TEPS-25	70-0716-7372-0	3M™ PELTOR™ UltraFit Communication Tips Replacement, Small
370-1019-10	70-0716-1527-5	3M™ Skull Screw™ Ear Tips

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 full 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.

⚠ 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.

Noise Reduction Rating (NRR):

*Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in hearing protector fit, fitting skill and motivation of the user. It is recommended that the NRR be reduced by 50% 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, visit www.3M.com/hearing.