



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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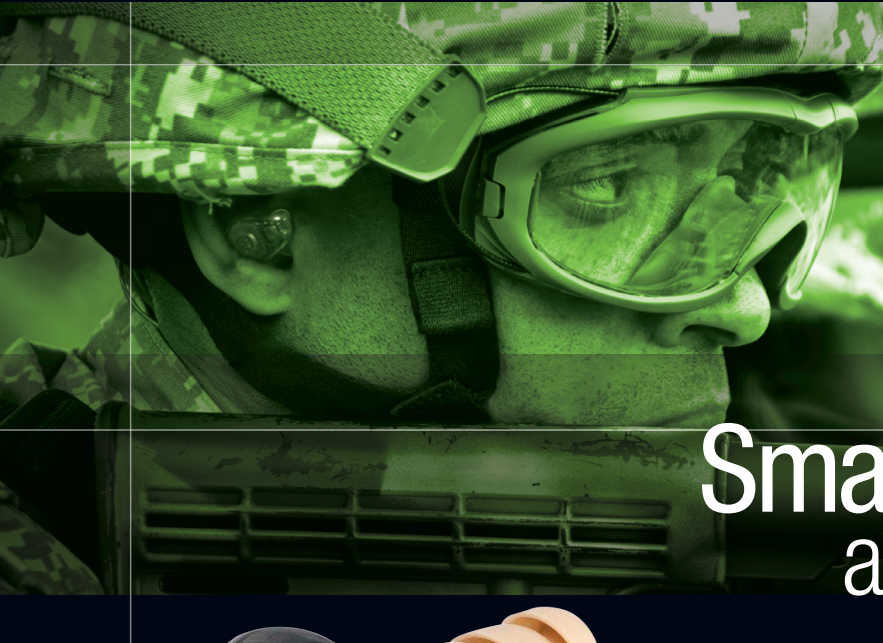


3M Personal Safety Division
3M™ PELTOR™ TEP-100 Tactical Earplug



PELTOR™

The Sound Solution



Small, Smart and Effective Hearing Protection



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





Hearing Protection & Situational Awareness

Rechargeable:

Charging contacts recharge the unit while in the case. Li-ion battery provides up to 16 hours of continuous operation.

Button:

Intuitive one-button operation turns unit on, off, and selects volume settings (2).

Hearing Protection:

Replaceable communications eartip helps provide hearing protection in noisy environments. Multiple sizes and types designed to fit most ear canals.

Cord Connection:

Attachment point for optional earplug cord. (included)



Water Resistant:

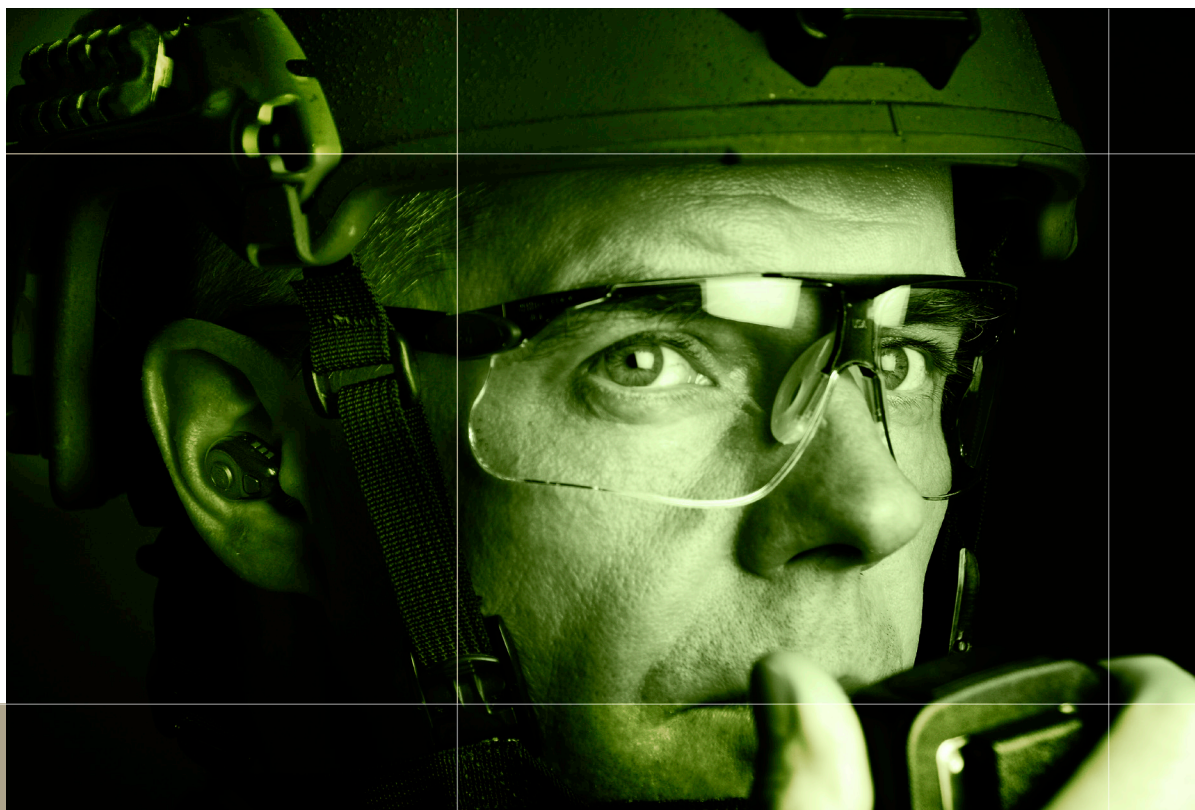
Innovative design helps protect microphone against water ingress.

Design:

Corner radius designed to help soften contact zone and increase comfort.

Microphone Port:

Helps minimize wind noise



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, the TEP-100 helps provide hearing protection in noise and situational awareness in quiet environments.



Communication

3M™ PELTOR™ level dependent technology helps provide hearing protection in noise and improves communication in quiet. Protecting hearing and improving situational awareness can help increase safety and improve productivity.

Compatibility

3M™ PELTOR™ Tactical Earplug is compatible with most headborne 3M™ Personal Protective Equipment (PPE) such as helmets, hardhats, and face shields.

Comfort

The small and lightweight design helps improve overall comfort and user experience.



Portable Charging Compartment:

Up to 16 charges from 3 AA alkaline batteries.

Retention Cord Storage Posts:

Provides convenient and tangle free storage for earplug cord.

Charging Status LED:

Solid red = Charging
 Blinking red = Not Charging
 Fast blinking red = Temperature Fault
 Solid yellow = Charging - Low Battery
 Blinking yellow = Not Charging - Low Battery
 Solid green = Charging Complete



Earplug Clips:

Steel clips help secure earplugs in case helps ensure contact for charging.

Micro B USB Charging Port:

USB Port charges earplugs when plugged into a computer or wall socket.

Sealing Ring:

Rubber sealing ring helps protect earplugs in wet and dirty environments.

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 eartips, 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)

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

⚠ 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.



3M Personal Safety Division

3M Center

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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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