3M™ PELTOR™ TEP-200 Tactical Earplug

Technical Data Specifications

Mic 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	Off, Low, Normal, High
Case Battery Type	3 AA Alkaline Batteries
Case Battery Life	Up to 16 Recharging Cycles
Case USB Type	Micro B

Standards	
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, NRR dependent on eartip selected.

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 – Earpiece	-4°F to 122°F (-20°C to 50°C)
Operating Temperature – Charger	32°F to 122°F (0°C to +50°C)
Storage Temperature Range (Complete Kit)	-4°F to 122°F (-20°C to 50°C)

3M Personal Safety Division
3M Center, Building 235-2NW-70
St. Paul, MN 55144-1000
3M.com/PELTOR

For More Information
Technical Service 1-800-665-2942
Customer Service 1-800-328-1667

⚠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 correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in the USA at 1-800-665-2942. 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, visit www.3M.com/hearing.

***NOTE:** 3M strongly recommends fit testing of hearing protectors. 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. If the NRR is used, 3M recommends that it be reduced by 50% or in accordance with applicable regulations. 3M PSD products are for occupational use only.

3M Personal Safety Division products are for occupational use only.

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3M Hearing Solutions

Wirelessly Monitor Your Radio with Small, Smart Hearing Protection

3M™ PELTOR™ TEP-200 Tactical Earplug

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level-dependent technology, the TEP-200 helps 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).

3M™ PELTOR™ TEP-200 Tactical Earplug

Compact Communication and Hearing Protection for Improved Situational Awareness

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-200 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 may help increase personal safety and may improve productivity. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory.

Compatibility

3M™ PELTOR™ Tactical Earplug is compatible with several types of headborne 3M™ Personal Protective Equipment (PPE) such as helmets, hard hats, and face shields.

Comfort

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

3M™ PELTOR™ TEP-200 Tactical Earplug Ordering Information

Product Number	3M ID Number	Product Description	Case Quantity
TEP-200	70-0716-7699-6	3M PELTOR TEP-200 Tactical Earplug Kit	1 EA

Accessories and Earplug Tips

Product Number	3M ID Number	Product Description	Case Quantity
TEP-CORD	70-0716-7379-5	Replacement Cord	5 EA/Box
TEP-200E	70-0716-7705-1	Replacement Earpiece	1 EA
TEP-100C	70-0716-5026-4	Replacement Case	1 EA
370-TEPL-25	70-0716-7374-6	UltraFit™ Communication Tips Replacement, Large	25 PR/Case
370-TEPM-25	70-0716-7373-8	UltraFit™ Communication Tips Replacement, Medium	25 PR/Case
370-TEPS-25	70-0716-7372-0	UltraFit™ Communication Tips Replacement, Small	25 PR/Case
CCC-GRM-25	70-0716-7521-2	Triple-C Communication Ear tips	25 PR/Case
370-1019-10	70-0716-1527-5	Skull Screw™ Communication Ear Tips	10 PR/Case
TEP-WINDSCREEN	70-0716-7590-7	3M™ PELTOR™ Foam Windscreen for TEP-100	1 Sheet/15 PR
TEP-LOOP-200	70-0716-7703-6	3M™ PELTOR™ Neckloop, TEP-LOOP-200	1 EA

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. Also controls wireless capability.

Hearing Protection
Replaceable communications eartip helps provide hearing protection in a wide variety of noisy environments. Multiple sizes and types designed to fit most ear canals.

Portable Charging Compartment
Up to 16 charges from 3 AA alkaline batteries. Includes charging status indicator.

Retention Cord Storage Posts
Provides convenient and tangle free storage for earplug cord.

Earplug Clips
Steel clips help secure earplugs in case.

Cord Connection
Attachment point for optional earplug cord (included).

IP67 Water and Dust Resistant
Innovative design helps protect microphone against water and dust ingress.

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

Microphone Port
Helps minimize wind noise. Additional windscreen accessory also available.

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

Micro B USB Charging Port
USB port enables the charging of the earplugs when plugged into a computer or wall socket (cable not included).

Performance (Octave Band Attenuation Data - 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 dB*	AL
Standard Deviation (dB)	5.1	5.2	5.5	3.9	3.4	5.3	6.5	4.4	5.4		

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		

3M™ Skull Screws™ Eartips (not incl.)

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		

* 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.

Neckloop, TEP-LOOP-200 (not incl.)