



## 3M™ PELTOR™ TEP-300 EU Tactical Earplug

### Product Description

3M™ PELTOR™ Tactical Earplugs, TEP-300 features environmental listening function – a capability designed to help provide auditory situational awareness, while still helping provide protection from hazardous noise.

### Key Features

- Intuitive one-button operation
- Rechargeable
- Portable charging compartment
- Replaceable communications eartips
- Environmental Microphone Port
- IP68 Water and Dust Resistant
- Near Field Magnetic Induction (NFMi) - Wireless connection to 3M™ PELTOR™ System control Units, SCU-300
- In Ear Speech Microphone
- Micro USB-C Charging Port



### Applications

The small size makes 3M™ PELTOR™ Tactical Earplug compatible with most headborne Personal Protective Equipment (PPE) such as helmets, eye wear, and respirators.

### 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](http://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.



Near Field Magnetic Induction



Hearing protection with level-dependent function for ambient listening

### Approvals

PPE Regulation 2016/425  
EMC Directive 2014/30/EU  
ROHS Directive 2011/65/EU  
Radio Directive 2014/30/EU  
RED Directive 2014/53/EU

### Military Approvals

Tested according to the applicable parts of MIL-STD-810G, EMC-MIL-STD-461G.

### Environmental Performance:

Tested in accordance with MIL-STD-810G

### Models:

Part Number	Description	Legacy 3M ID	SAP ID	Color
TEP-300 EU CY	3M™ PELTOR™ Tactical Earplug, TEP-300 CY, Coyote Brown	70-0717-3430-8	7100227628	
TEP-300 EU GE	3M™ PELTOR™ Tactical Earplug, TEP-300 GE, Grey	70-0717-3427-4	7100227651	
TEP-300 EU TN	3M™ PELTOR™ Tactical Earplug, TEP-300 TN, Tan	70-0717-3426-6	7100227629	

### Accessories and Spare parts

Part number	Description	Legacy 3M ID	SAP ID
TEP-300R CY	3M™ PELTOR™ Replacement Earplug, TEP-300R CY, Right, Coyote Brown	70-0717-3433-2	7100227632
TEP-300L CY	3M™ PELTOR™ Replacement Earplug, TEP-300L CY, Left, Coyote Brown	70-0717-3441-5	7100227644
TEP-300R TN	3M™ PELTOR™ Replacement Earplug, TEP-300R TN, Right, Tan	70-0717-3440-7	7100227649
TEP-300L TN	3M™ PELTOR™ Replacement Earplug, TEP-300L TN, Left, Tan	70-0717-3439-9	7100227647
TEP-300R GE	3M™ PELTOR™ Replacement Earplug, TEP-300R GE, Right, Grey	70-0717-3438-1	7100227648
TEP-300L GE	3M™ PELTOR™ Replacement Earplug, TEP-300L GE, Left, Grey	70-0717-3437-3	7100227645
TEP-300C GE	3M™ PELTOR™ Replacement Case, TEP-300C GE, Grey	70-0717-3436-5	7100227638
TEP-300C CY	3M™ PELTOR™ Replacement Case, TEP-300C CY, Coyote Brown	70-0717-3435-7	7100227630



## Accessories and Spare parts

Part number	Description	Legacy 3M ID	SAP ID
TEP-300AD	3M™ PELTOR™ TEP-300AD, Battery adapter AAA	70-0717-3434-0	7100227631
CCC-GRM-25	3M™ PELTOR™ Communication Tip, Triple C, 25 pairs	70-0716-7521-2	7100103087
370-TEPL-25	3M™ UltraFit Communication Tips Replacement, Large, 25 pairs	70-0716-7374-6	7100066388
370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium, 25 pairs	70-0716-7373-8	7100066387
370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small, 25 pairs	70-0716-7372-0	7100066371
PELTIP5-01	3M™ Torque™ Eartips, 50 pairs	XH0011679626	7000108492
TEP-CORD	3M™ LEP/TEP/EEP Cord	70-0716-7379-5	7100074090

## Technical Specifications

### Speech Microphone Type:

In Ear

### Power / Electrical Characteristics:

Earplug Battery Type:	Lithium Ion
Operating time:	Approximately 10 hours
Earplug Battery Charge Time:	Approximately 60 minutes
Case Battery Type:	3 AA or AAA Alkaline Batteries (with adapter)
Case Battery Life:	Up to 16 recharging cycles with AA batteries
Case USB Type:	Micro C 3.1

### Near Field Magnetic Induction (NFMI):

Transmission rate:	596 kbit/s
Range:	approximately 50 cm (20 in)
Frequency:	9.8 - 11.7Mhz

### Physical Characteristics:

Case Size (L x W x H):	114.2 mm x 78.2 mm x 29 mm
Case Material:	ABS
Weight Charger with batteries, 2 earpieces:	188 g
Weight Charger:	104 g
Weight 1 earplug:	4,7 g

### Environmental Characteristics:

Earpiece operating temp:	-20 to +50°C
Charger operating temp:	0 to +45°C
Shelf Life:	Max 12 months
Waterproof Rating :	Earpiece and Case (with lid and USB port securely closed) are IP68 compliant

### Recommended Storage Conditions (<90% humidity):

1 year:	-20 to +20°C
3 months:	-20 to +45°C
1 month:	-20 to +60°C

**User limitation:** Never modify or alter this product

## Laboratory Attenuation Values\*\*\* EN 352-2:2002

### 3M™ PELTOR™ CCC-GRM-25 Communication Eartips

Frequency (Hz) <sup>2</sup>	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) <sup>3</sup>	35.1	32.5	37.5	37.9	37.1	40.8	44.6
Standard Deviation (dB) <sup>4</sup>	5.5	4.9	5.1	4.8	4.3	4.6	4.7
Assumed Protection Value (dB) <sup>5</sup>	29.6	27.6	32.3	33.2	32.9	36.2	39.9

SNR=35 dB H=34 dB M=33 dB L=31 dB

### 3M™ Torque™ Communication Eartips

Frequency (Hz) <sup>2</sup>	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) <sup>3</sup>	38.1	35.5	40.7	40.9	37.5	40.3	44.9
Standard Deviation (dB) <sup>4</sup>	5.4	5.4	5.7	5.8	3.2	3.3	4.2
Assumed Protection Value (dB) <sup>5</sup>	32.7	30.1	35.0	35.1	34.3	37.0	40.7

SNR=37 dB H=36 dB M=35 dB L=33 dB

### 3M™ UltraFit™ Communication Eartips

Frequency (Hz) <sup>2</sup>	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) <sup>3</sup>	32.8	30.2	31.6	31.2	33.0	34.4	37.9
Standard Deviation (dB) <sup>4</sup>	6.2	4.5	5.4	4.4	4.0	4.8	3.9
Assumed Protection Value (dB) <sup>5</sup>	26.5	25.7	26.2	26.8	29.0	29.6	34.0

SNR=30 dB H=29 dB M=27 dB L=27 dB

\*\*\*3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. In the absence of applicable regulations, it is recommended that the SNR be reduced to better estimate typical workplace protection.

**WARNING:** 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. In the absence of applicable regulations, it is recommended that the SNR be reduced to better estimate typical protection.

## In the box

1x TEP-300**	2x 3M™ UltraFit Communication Tips Replacement, Small
2x AA batteries	2x 3M™ Torque™/Skull Screw Eartips
1x user Instruction	2x 3M™ PELTOR™ Communication Tip, Triple C
2x 3M™ UltraFit Communication Tips Replacement, Large	1x 3M™ PELTOR™ TEP-300AD, Battery adapter AAA
2x 3M™ UltraFit Communication Tips Replacement, Medium	



### 3M Personal Safety Division

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### 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

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