



3M | **PELTOR™**

3M™ PELTOR™ Electronic Earplug, EEP-100
3M™ PELTOR™ Electronic Earplug, EEP-100 EU

Agenda

- Level Dependent Technology
- Hearing Protection / Ear Tips
- Key Features and Benefits
- Product Overview:
 - Earpiece Features
 - Charging Case Features
 - In ear range
 - Insertion steps
 - Basic Operation
 - What is included
 - SKU's



3M™ PELTOR™
Electronic Earplug, EEP-100

Level Dependent Technology

- Conventional Protection

- Attenuates (reduces) sounds regardless of intensity (loudness)
- Communication can be difficult
- Situational awareness may be compromised

- Level-Dependent Technology

- Does not treat all sounds the same
- Utilizes external microphone
- Helps to improve communication and situational awareness



Hearing Protection / Ear tips

						
	Ear Tip	3M™ PELTOR™ UltraFit™ Eartips SMALL	3M™ PELTOR™ UltraFit™ Eartips MEDIUM	3M™ PELTOR™ UltraFit™ Eartips LARGE	3M™ PELTOR™ Comfort Eartips	3M™ PELTOR™ Torque Eartips
	Disposable/ Reusable	Reusable	Reusable	Reusable	Disposable	Disposable
		370-TEPS-25	370-TEPM-25	370-TEPL-25	CCC-GRM-25	PELTIP5-01
CE EN352 	3M™ PELTOR™ Electronic Earplug, EEP-100 EU	SNR*: 32 dB	SNR*: 32 dB	SNR*: 32 dB	SNR*:36 dB	SNR*: 38 dB

- (SNR) Tested in accordance with PPE directive 89/686/EEC
- * 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.

Key Features & Benefits

- Helps provide hearing protection
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable
- Durable storage and charging case (IP54)
- Small and lightweight design
- Compatible with most head borne 3M Personal Protective Equipment



Key Product Features - Earpiece

Microphone Port:

Covered to help minimize wind noise disturbances. Innovative design helps protect microphone against water ingress.

Retention Cord Connection:

Connection for earplug cord to help keeps plugs secure.



Button: Intuitive one button operation turns unit on, off, and selects between three amplification settings.

Design: Corner radius maximized to soften contact zone and increase comfort.

Rechargeable: Charging contacts recharge the unit while in the case & provide approximately 16 hours of continuous operation.

Hearing Protection:

Replaceable communications eartip helps provide hearing protection in noisy environments.

Key Product Features – Charging Case

Charging Case

Pocket sized storage and charging container.

Clear Lid

Easy visibility of charging status.

Charging Receptacle

Steel clips help secure earpieces as they recharge.

USB Charging

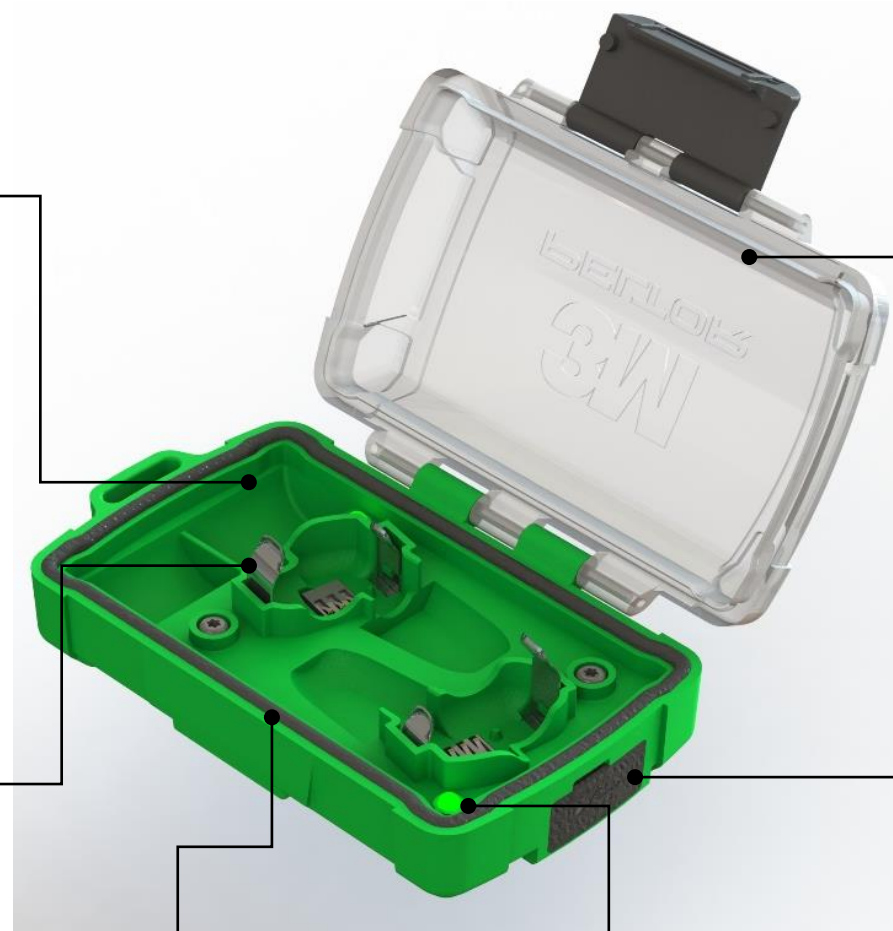
Micro B USB port for wall charging. (USB cord included)

Sealing Gasket

Rubber sealing ring helps keep the case free of water and debris.

Charging Status LED

Led lights indicate charging status.



Key Product Features – In Ear Range



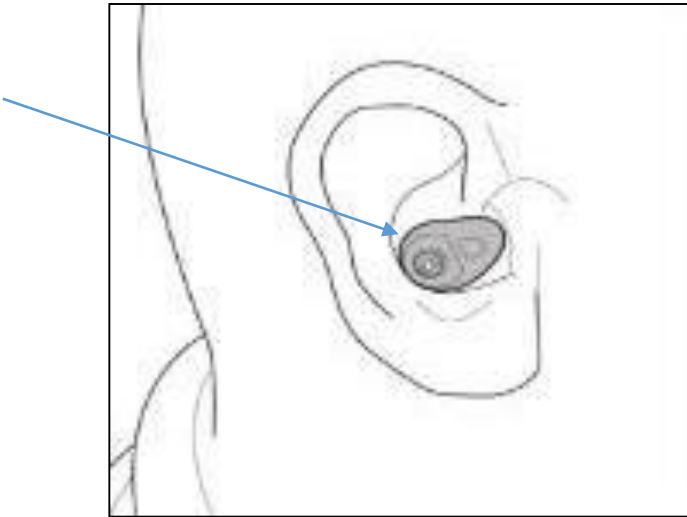
Product Code	EEP-100	LEP-200	TEP-200
Key Target Market	Industry / Manufacturing	Hunting / Shooting	Military / Police
Power Charging	USB Only	USB or AA	USB or AA
LDF, amplification	3 step: -6, 0, +6 dB	3 steps: -6, 0, +10 dB	3 steps: -6, 0, +10 dB
Wireless External Comms	No	Yes	Yes
Operating Time, Up to	16h	16h	16h
Charging time	180 min	90min	90min
Colour	Green	Yellow	Black
IP*	54	54	67
Material	ABS	ABS	ULTEM, Glass Filled Polyetherimide
Case Size mm (L x W x H):	89,6 x 61,6 x 27,3	114,2 x 78,2 x 26,9	114,2 x 78,2 x 26,9

* Earpiece and Case (with lid and USB port securely closed)

Insertion Steps*

<u>Step 1 – Inspect</u>	<u>Step 2 – Reach & Pull</u>	<u>Step 3 – Insert</u>	<u>Step 4 – Check</u>	<u>Step 5 - Test</u>
				
Powered off & clean. Select a eartip that fits your ear best	Open ear canal	Wide part up & rotate towards back of head	Tug Check	Humming & Cupped Hands Tests

The ear piece should seat in the ear canal with the electronics bud of the earpiece fitting securely within the concha of the ear.



*See User Instructions for more information.

Basic Operation

- **Turn the product on**

by pressing and holding the power/control button for two seconds. This is referred to as a “long” press.

- **Adjust the volume**

by quickly pressing and releasing the power/volume button. This is referred to as a “quick” press. There are three volume levels, and off.

- **Turn the product off**

by pressing and holding the power/control button for two seconds. This is referred to as a “long” press.

- **Automatic Power Off**

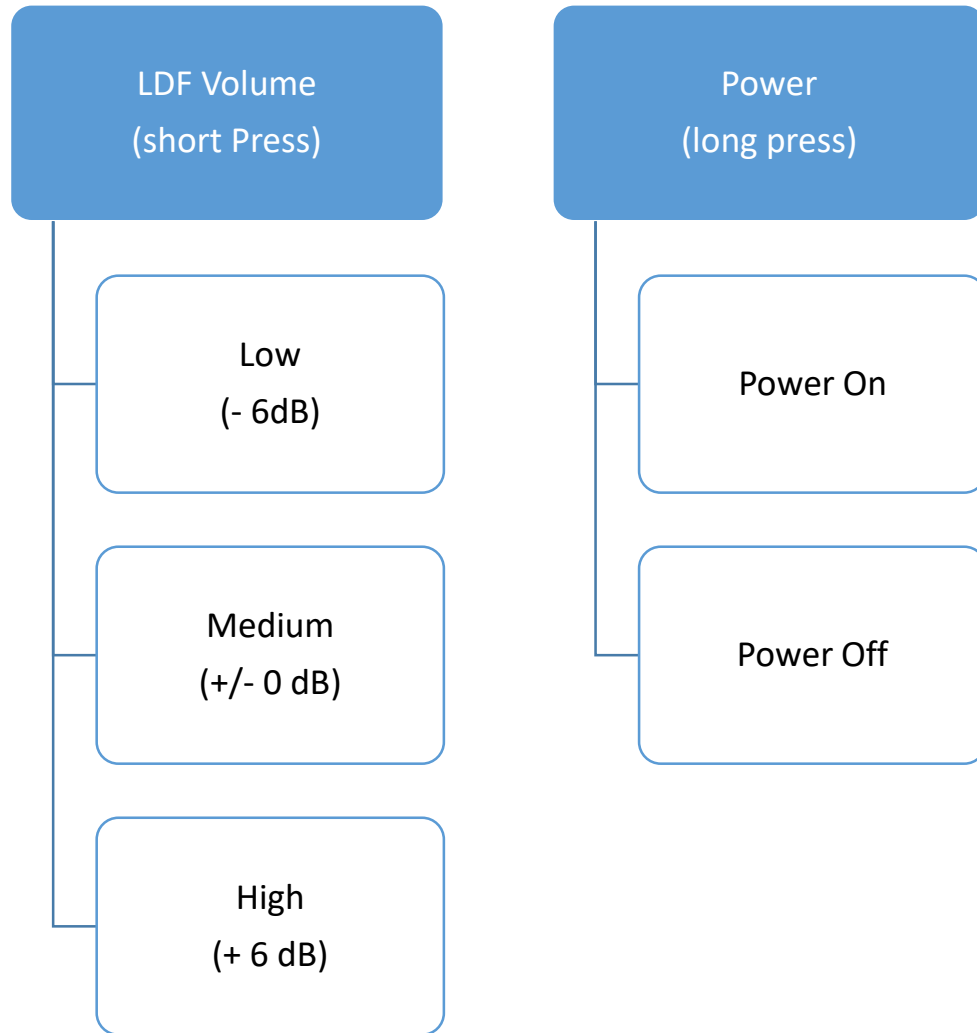
To conserve battery power, the earplugs will automatically shut off if the Power/Control button has not been pressed for 2 hours. During the last 60 seconds before shutoff, a verbal “timeout” message will repeat every 20 seconds. Reset the automatic shutoff timer by pressing the Power/Control button

- **Low Battery Tone**

When approximately one hour of battery life remains, a tone will be emitted and will repeat every five minutes.



Basic Operation



What is included

- 2 x Ear pieces
- 1 x Charging Case
- 1 pair 3M™ PELTOR™ UltraFit™ Eartips Small
- 1 pair 3M™ PELTOR™ UltraFit™ Eartips Medium
- 1 pair 3M™ PELTOR™ UltraFit™ Eartips Large
- 1 pair 3M™ PELTOR™ Triple C Eartips
- 1 x User Instructions
- 1 x USB Cable

