

3M Occupational Health & Environmental Safety Division
Hunting and Sport Shooting

PELTOR™

Take your safety personally



Hunting and
Sport Shooting

3M

Introduction

Take your safety personally

PELTOR™

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3M, the world's leader in safety and protective equipment, is proud to have the Peltor™ brand range as part of its product offering.

Peltor™ communication equipment as well as hearing, head & face protection products for noisy and hazardous environments are renowned world leaders. With more than 50 years of experience, the Peltor™ brand promises superior quality communication solutions that provide an optimal balance of comfort and protection.

It is our goal to ensure that we satisfy your needs through the provision of exceptional leadership, expertise, quality and service excellence.

With our global technology, manufacturing and knowledge



network we do more than simply develop products that help your workforce to operate in safety and comfort. The advanced engineering and technology inherent with the Peltor™ brand fits with the high standard of quality and innovation of a continuously evolving range of product solutions that you, our customers, come to expect from 3M.



Hunting and Sport Shooting

Hunters and marksmen, both amateur and professional, all have the same basic needs – their hearing and vision are crucial for all forms of shooting. All agree that the right equipment can help them focus at critical moments.

In collaboration with sports shooters, hunters, soldiers and police officers we have developed a unique, attractive range of hearing and eye protectors that not only prevent adverse health effect but also help them easily identify their target when whether taking part in the Olympics or leisure hunting.

Optimal attenuation

A gunshot is an impulse noise, which is particularly harmful to the human ear. A single shot can cause permanent damage without the proper hearing protection.

Our range of hearing protectors for shooting are specially designed to attenuate, for example, from noise of a gunshot. for reassured protection.

Easy and comfortable

Many shooters have to wear their hearing protectors for a long time.

The range of hearing protectors help ensure you'll have no problems staying focused. The low, two-point fasteners allow an even distribution of pressure over the whole cushion area, to help ensure the ear muff stays in place even during sudden head movements or positioning the weapon. This feature also helps ensure a snug fit without compromising comfort and protection for high quality sound reproduction.

Hear what you want to hear

Our level dependent hearing protectors contain advanced electronics with built-in microphones.

The level dependent ear muffs can amplify external sounds up to four times which enables the shooter to detect faint sounds helping pin-point targets with great accuracy.

Not only are sounds amplified, but they are also reproduced in stereo, allowing you to detect exactly where they are coming from. You become a better hunter when you can hear your dogs and prey from a greater distance. A direct connection to an external communication radio enhances teamwork with your fellow hunters and boosts safety.

Some of the products in the level dependent range allow you to adapt the stereo balance, for example if you have a hearing impairment in one ear.

Important warning signals

A passive hearing protector attenuates all noise, including speech frequencies. Whilst correct level of passive protection can safeguard the wearer's hearing, however, it does not improve communication with external environment. Our level dependent hearing protector helps improve communication and audibility of warning signals such as alarms in external surroundings.

The instructors at a shooting range can communicate effectively with the shooters without having to remove the hearing protector.

Combined with an external radio and microphone, our level dependent hearing protectors allow complete two-way communication.





Peltor™ WS SportTac™

Sharpen your senses with the right protection

Peltor™ WS SportTac™ allows you to better control what you hear – and don't hear. You can easily adjust the volume of surrounding sounds, filter out certain unwanted frequencies and still be protected from harmful noise levels when the shot is taken. The built in **Bluetooth™** solution makes it possible for wireless connection to a mobile phone or other communication device for instant and discreet communication.

Optimized protection

Peltor™ WS SportTac™ is a level dependent hearing protector meaning it listens to the surrounding but attenuates loud harmful noise.

The headset attenuates 26 decibels and has surround microphones that captures external sound with great accuracy. The sound is analysed at ultra-high speed before it reaches your ear. Weak sounds are amplified while noise, including sudden loud noises like a gun shot, is attenuated to a harmless level.

The unique digital sound circuit reacts instantaneously, protecting your hearing but so softly, so that you rarely hear the clip as the protection is activated.

Stay focused

Peltor™ WS SportTac™ has been designed for long time comfortable use. This is essential as any form of distraction may affect your performance no matter if you are on the shooting range or during active hunting. A softly padded leather headband provides a snug comfortable fit over the head. The low, two-point fasteners allow an

even distribution of pressure over the whole cushion area, to help ensure the ear muff stays in place even during sudden head movements or when positioning the weapon. All to help ensure you'll have no problems staying focused.

Enhanced hearing

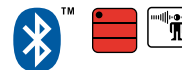
The well positioned, sensitive microphones combined with large angled speakers have been carefully designed to provide a sound that is as natural as possible. Sounds are reproduced in full stereo, allowing you to detect exactly where they are coming from. But not only that.

Weak sounds can be amplified up to four times compared to your normal hearing, allowing you to better hear the game approaching or your dogs barking at a greater distance. A special equalizer function makes it possible to cancel out certain frequencies to help better hear exactly what you want.

You can also adjust the stereo balance to adapt if you for example have a hearing impairment in one ear.



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Exchangable shells. The colour differentiation improves safety and makes the wearer easily visible to other hunters.



With the three buttons on the right cup you can easily adjust volume and change settings of different modes. A "ghost voice" guides you through the menu and confirms your setting.



Bluetooth™ enables instant and discreet communication. With the well placed PTT/answer button on the left cup you can easy communicate over the communication radio or take/reject your calls from your cell phone.



Possibility for dual connections, wireless and wired.

Instant communication

A clear and reliable communication between fellow hunters and game keepers is an outstanding way to boost safety and ensure that for example the number of tags is not exceeded.

Peltor™ WS SportTac™ can easily be connected to various types of communication radios via a wide range of specifically designed accessories.

The built in Bluetooth™ circuit now also allow for a complete wireless connection with your cell phone or other communication device with Bluetooth™. Phone can remain silenced in your pocket and only you will hear when you get a call. You can even stream audio in stereo from your phone or MP3 player over the Bluetooth™ link and listen to your favorite music if it gets to boring at your post.

The Bluetooth® wordmark and logotype are the property of Bluetooth SIG, Inc., and all use of them is subject to licensing agreements.

Specification

Battery Type:

2 x AAA 1,2-1,5V
(rechargeable Ni-Mh batteries included)

Operating time:

Surround + Bluetooth (active) >11h
Surround + Bluetooth (active) >11h

Charging time:

8 hours

Wireless Connectivity:

Bluetooth 2.1

Bluetooth Profiles:

Bluetooth headset profile 1.2

Bluetooth hands-free profile 1.5

Bluetooth A2DP profile 1.2. AVRCP 1.0

Bluetooth Range:

Up to 10m, class 2

Wired Connectivity:

3,5mm AUX input jack (limited to 82 dB)

Nexus two pin (J22) AUX input jack

Net Weight:

352g (incl. batteries)



Peltor™ SportTac™ Ear Muff

The unique digital sound circuit eliminates the sharp sound clip that is typical for most level dependent hearing protectors on the market.

Many people find that sound unpleasant and disturbing.

The new electronics in the Peltor™ SportTac™ hearing protector react instantaneously, protecting your hearing from loud impulse noises. The system reacts so gently that you rarely hear the clip as the protection is activated.

Just like the other level dependent hearing protectors from 3M, the SportTac hearing protector also enhances your hearing, so you actually hear better with the hearing protector than without it. The Peltor™ SportTac™ also allows you to connect your hunting radio directly to the headset.

- Specially designed for hunters and marksmen
- Smooth active-volume function that helps prevent the sound being cut off abruptly
- Interchangeable shells make it easy to change colours
- Automatic shut-off
- Foldable
- Battery life span about 600 hours
- Audio input for an external radio



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MT16H210F-478-GN

MT16H210F-478-GN

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	21.1	17.9	27	26.8	30.5	38.3	36.4
Std deviation (dB)	4.3	3.1	3.8	3	3	3.7	5.4
Assumed Protection Value (dB)	7.8	14.8	23.2	23.8	27.5	34.6	31

SNR=26 db H=29 db M=23 db L=16 db



Description

Hunting: orange and green shells included.

Sport shooting: black and red shells included.

Article number

MT16H210F-478-GN

MT16H210F-478-RD

Bands/Attachments

Collapsible headband

Collapsible headband

Weight (g)

318

318

Colour



Replacement shell	Description	Article number
	One pair of replacement shells, green	210100-478-GN
	One pair of replacement shells, orange	210100-478-OR
	One pair of replacement shells, black	210100-478-SV
	One pair of replacement shells, red	210100-478-RD
	One pair of replacement shells, white	210100-478-VI

Peltor™ Tactical™ XP Hearing protector

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The Peltor Tactical XP protects you from harmful noise and impulse sounds, while allowing and even amplifying ambient sounds such as conversation, barking of dogs and warning signals.

The built-in functions of the Tactical XP make it quite different from other active hearing protectors: The user can control and vary the volume function for the current situation. Where necessary, ambient noise can be amplified more than any other Peltor hearing protector allows.

- Level dependent function that lets you hear ambient sound: conversation, machine sounds and warning signals
- Electronic voice guided menu system
- Equipped the following functions: volume for the level dependent function, balance, adjustable release time, equalizer, volume for external input and external input mode
- Large space helps reduce heat build-up
- Last setting is stored when switched off
- Automatic shut-off after two hours if no function is used
- Warning signal when power is low, before shut-off
- Audio input jack for external radio
- Available as headset



MT1H7F2



MT1H7F2*

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	13,8	21,5	30,9	36,6	35,9	35,5	39
Std deviation (dB)	1,8	0,9	1,3	1,5	5,5	3,1	2,3
Assumed Protection Value (dB)	12,0	20,6	29,6	35,1	30,4	34,4	36,7

SNR=31db H=32db M=25db L=20db



MT1H7F2WS3



Description	Article number	Bands/Attachments	Weight (g)
Standard	MT1H7F2	Collapsible headband	400
WS headset, Bluetooth	MT1H7F2WS3	Collapsible headband	400
WS headset, Bluetooth	MT1H7B2WS3	Neckband	385

Colour



Bluetooth™ is the name of a technology for wireless transfer of sound and data via a radio link. It is based on a common standard that is used all around the world. In 1998, electronics giants (Ericsson, Nokia, IBM, Toshiba and Intel) initiated a joint venture, through Bluetooth SIG, to establish the system as a world standard. Today over 2,000 companies worldwide have connected to Bluetooth™.

Technical data:

Frequency:	2.45 GHz (range 2,400–2,500 MHz)
Rate of transfer:	1 Mbit/second
Output:	1 mW (0 dBm)
Frequency skipping:	1600/second



Peltor™ ProTac™ II Hearing protector

Key functions like effective attenuation, comfort and better sound reproduction have come a step closer to perfection with the Peltor ProTac II.

- Improves communication and safety
- Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals
- Large space helps reduce heat build-up
- Last setting is stored when switched off
- Headset option with guide-mounted microphone
- Three colour options: Military green, Red, Black
- Automatic shut-off after two hours if no function is used
- Battery life is about 1000 hours. Warning signal when power is low, before shut-off
- Audio input jack for external radio

MT15H7A2 ** **

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	19.7	25.4	31	34.6	32.2	38.7	42.1
Std deviation (dB)	3.4	2.5	3.4	1.8	3.6	3.8	3.6
Assumed Protection Value (dB)	16.3	22.9	27.6	32.8	28.6	34.9	38.5

SNR=32db H=31db M=29db L=24db

Description	Article number	Bands/Attachments	Weight (g)
Standard ProTac II	MT15H7A2 GN	Headband	370
Standard ProTac II	MT15H7A2 RD	Headband	370
Standard ProTac II	MT15H7A2SV	Headband	370

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Colour



Peltor™ ComTac™ XP Hearing protector

For use in extreme situations and environments requiring robust and reliable equipment. The ComTac™ XP head protector meets the toughest military demands for durability and function. The headset is also equipped with the world's most advanced tactical function, with features such as an equalizer, so the user can concentrate fully on the task at hand.

- Thin, high-attenuating shell (SNR 28)
- Tested to IP 68 and military specifications
- Watertight microphones
- Level dependent function with new settings options:
 - Plug Mode – increase the volume when wearing the headset in combination with earplugs in extremely noisy environments
 - Balance Mode – adjust the balance between the left and right earphone
 - EQ Mode – adjust and cut out high or low frequencies
 - Release Time Mode – change the length of time before the Tactical function is reactivated
- Headband of high-quality steel with a leather shell
- Kevlar-encased cords
- Battery life span about 500 hrs.

MT17H682FB-** ***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Std deviation (dB)	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection Value (dB)	9.0	15.3	25.9	27.7	29.1	34.2	37.2

SNR=28db H=31db M=25db L=16db

Description	Article number	Bands/Attachments	Weight (g)
Standard	MT17H682FB-02	Collapsible headband	295

Colour



Accessories

Hunting cable

Connector cable with microphone and transmission button for Peltor electronic hearing protectors with audio input, such as the ComTac, Tactical XP and SportTac protectors. This cord can be used with radios from Alan, Hunter, Genzo, Zodiac, Icom and others.

Article number

TAMT06 with straight contact, 3.5 mm, 2.5 mm.
TAMT06V with angled contact, 3.5 mm, 2.5 mm.



TAMT06

MT661-D Flex Microphone kit with 3,5 mm, 2,5 m angled contact
MT661-F Flex Microphone kit with 3,5 mm, 2,5 m straight contact



MT661

Connector cord

The connector cord fits all electronic Peltor hearing protectors with jacks.

Article number

FL6H 3.5-mm mono jack
FL6M 2.5-mm mono jack
FL6N 3.5-mm stereo jack
FL6H-31 3.5-mm mono jack for 31 MHz radio



FL6H

Hygiene Kit

For hearing protectors	Article number
SportTac hearing protector	HY21
ComTac hearing protector	HY68
ProTac hearing protector	HY79
Tactical XP hearing protector	HY79



HY21



HY68



HY79

Wind Shield

For hearing protectors	Article number
ComTac hearing protector	M60/2
ProTac hearing protector	M60/2
Tactical XP hearing protector	M41/2
SoundTrap hearing protector	M60/2



M60/2



M41/2

3M™ Peltor™

Hunting and Sport Shooting

Peltor™ Bull's Eye™ Hearing protector

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The Bull's Eye I Hearing protector was designed in collaboration with world-class sport shooters to develop a hearing protector that meets the need of different wearers. For example, a bevelled edge on the bottom of the shell prevents the unit from coming into contact with the barrel when sighting. The hearing protector has the necessary attenuation for most shooting application without being bulky so as not to interfere with the shooting process.

Wearer comfort is one of the critical determining factor when selecting appropriate hearing protector. The chosen hearing protector needs to be comfortable and offer adequate protection to help ensure the device is worn at all times during exposure to hazardous noise. With its wide cushions filled with foam and fluid the Peltor Bull's Eye I helps provide low pressure around the ears without compromising protection. The fold-able headband to ensure that it takes up minimum space when not in use.

The Bull's Eye I Hearing protector comes in red, green and black. Weight: 190 g.

H515FB***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	10.9	17.2	26.6	28.3	33.5	37.8	37.9
Std deviation (dB)	3.2	2.5	2.2	2.7	2.6	2.0	2.6
Assumed Protection Value (dB)	7.7	14.8	24.4	25.6	30.9	35.7	35.3

SNR=27db H=32db M=24db L=15db

Colour



Hygiene kits

For hearing protectors	Article number
Bull's Eye I hearing protector	HY51
Bull's Eye II hearing protector	HY52
Bull's Eye III hearing protector	HY54
Peltor Kid hearing protector	HY51





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Peltor Bull's Eye II hearing protector specially designed for higher noise exposure. Comfortable to wear even over long periods of time. Features a convenient low profile foldable headband.

Available in red, green and black. Weight: 230 g.

H520F

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	14,5	20,3	32,6	39,1	35,1	34,7	39,8
Std deviation (dB)	1,8	2,6	2,4	2,5	2,3	2,7	2,5
Assumed Protection Value (dB)	12,7	17,7	30,2	36,6	32,8	32,0	37,3

SNR=31db H=34db M=26db L=20 db

Colour



The Bull's Eye III is a hearing protector with extremely high attenuation for very loud noise. The wide, soft, padded headband provides optimal comfort even during prolonged period of use. Available in green. Weight: 285 g

H540A

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	17,4	24,7	34,7	41,4	39,3	47,5	42,6
Std deviation (dB)	2,1	2,6	2,0	2,1	1,5	4,5	2,5
Assumed Protection Value (dB)	15,3	22,1	32,7	39,3	37,8	43,0	40,0

SNR=35db H=40db M=32db L=23 db

Colour



The Peltor™ KID range hearing protectors are specially designed for little ones. Children have extremely sensitive hearing, and they also have more difficulty in protecting themselves from harmful noise.

The Peltor™ KID range comes in neon pink and neon green. Weight: 180 g.

H510AK KID

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	11,6	18,7	27,5	32,9	33,6	36,1	35,8
Std deviation (dB)	4,3	3,6	2,5	2,7	3,4	3,0	3,8
Assumed Protection Value (dB)	7,3	15,1	25,0	30,1	30,2	33,2	32,0

SNR=27db H=32db M=25db L=15 db

Colour





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