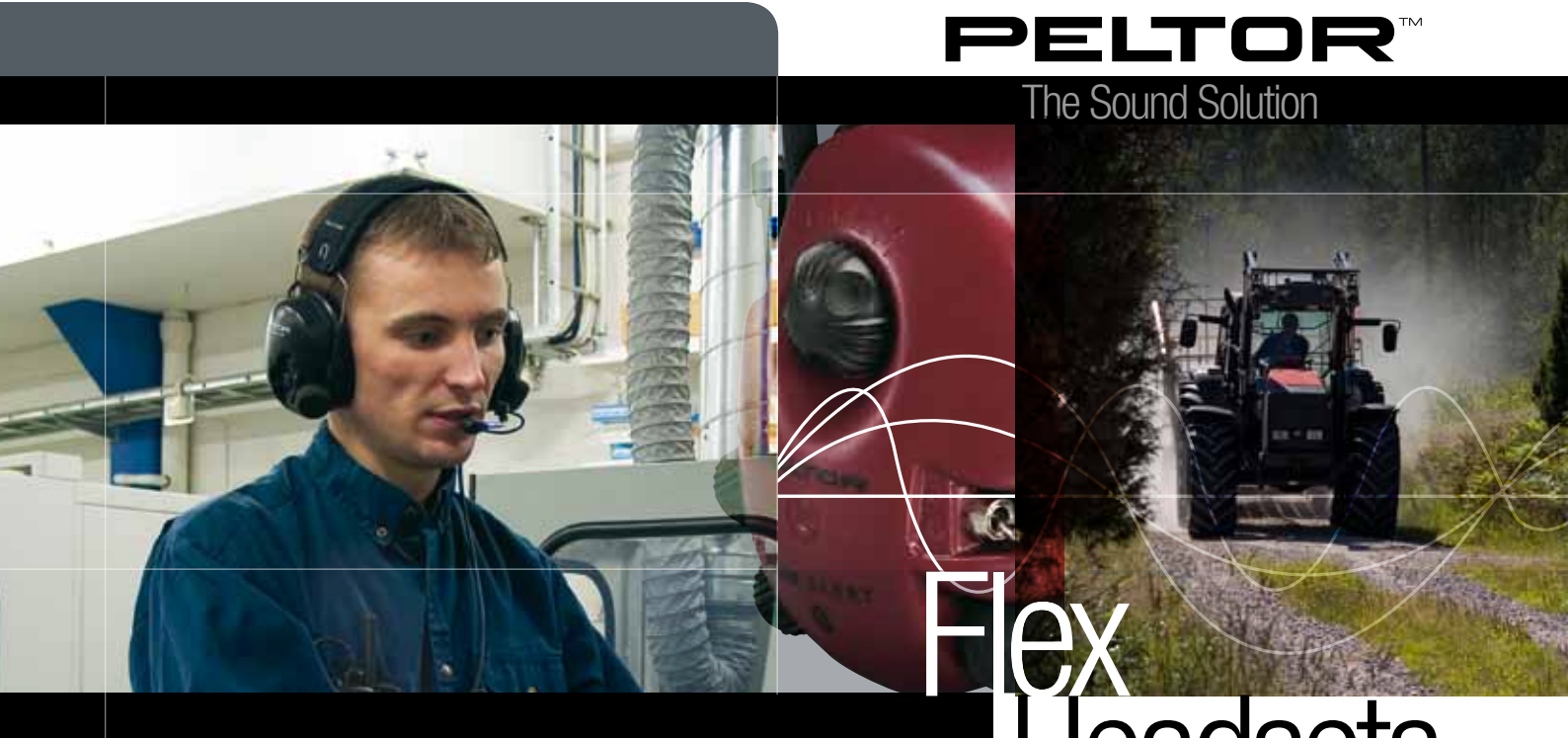


3M Personal Safety Division  
Flex Communication Solutions

**PELTOR™**

The Sound Solution



Flex  
Headsets



## Take your safety personally

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.



**PELTOR™**

### Peltor™ Flex Headset

Peltor Flex Headset is a product range of hearing protectors designed for use with communication equipment. The Peltor Flex is a hearing-protector headset equipped with interchangeable cords that make it easily adaptable to any use. You no longer need multiple headsets if you have several communication radios with different connectors – just switch connector cables. The same applies if the headset is normally used at work with a communication radio, but taken home for use while mowing the lawn etc, when you can easily connect it to your mobile phone.

### Push-To-Talk

The headset solutions are equipped with a PTT/respond button, which is used to broadcast on a communication radio or to receive calls through a mobile phone. The button has a logical location on the left ear cup and is easy to operate even with gloves.

### Effective in noisy environments

The Peltor Flex Headset has an electret microphone with extremely effective level dependent function, so the wearer's voice can be heard clearly while other noises are filtered out. The hearing protectors also attenuate ambient noise, protecting the wearer's hearing while enabling him to hear communication.

# 3M™ Peltor™ Flex Headsets



## 3M™ Peltor™ Flex Headset

With its carefully designed microphone/speaker system and excellent attenuation, the range offers unique acoustic performance providing outstanding communication in very high-noise environments.

- High attenuating cups with optimised acoustic design and excellent space for the ears for best possible sound quality and comfort
- Quick Positioning integrated microphone boom for easy handling
- Soft, wide foam and fluid-filled sealing rings and individually sprung headband wires of stainless sprung steel provide an even and consistent distribution of pressure around the ears for best possible comfort
- PTT button on the cup

Product code	Product description	3M Id no
MT53H79A-77	Standard headband Flex Headset	XH001661137
MT53H79P3E-77	Standard helmet attachment Flex Headset	XH001661301
MT53H79B-77	Standard neckband Flex Headset	XH001676234

### MT53H79A-77

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.7	27.1	33.8	38.1	36.2	33.6	37.1
Standard Deviation (dB)	2.9	2.1	2.4	2.6	2.3	2.5	2.2
Assumed Protection (dB)	14.8	25	31.4	35.5	33.9	31.5	34.9

SNR=33 H=33 M=32 L=24

### MT53H79P3E-77 MT53H79B-77

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.2	26.4	33.9	37.2	35.4	33.2	37
Standard Deviation (dB)	3.1	2.5	2.7	2.3	2.6	2.4	2
Assumed Protection (dB)	14.1	23.9	31.2	34.9	32.8	30.8	35

SNR=32 H=33 M=31 L=23



## 3M™ Peltor™ Alert Flex Headset

The Peltor Alert has an advanced level dependent function and an AM/FM radio receiver. The short, flexible antenna gives excellent reception with minimal static, even in conditions where reception is weak. If the AM/FM signal is too weak, the system automatically switches to mono playback for the best possible sound quality.

- Mainly designed for professional outdoor use or for people with mobile work situations
- The level dependent improves the wearer's ability to hear warning signals, approaching vehicles and other dangers
- Built-in AM/FM radio receiver with stereo sound reproduction
- Knob for volume and channel adjustment
- 2 x 1.5-volt AA batteries ~ 100 hours' operating time

Product code	Product description	3M Id no
M2RX7A-77	Alert AM/FM radio headband Flex Headset	XH001659735
M2RX7P3E-77	Alert AM/FM radio helmet attachment Flex Headset	XH001659768

### M2RX7A-77

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
Standard Deviation (dB)	3.4	2.5	3.4	1.8	3.6	3.8	3.6
Assumed Protection (dB)	16.3	22.9	27.6	32.8	28.6	34.9	38.5

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

### M2RX7P3E-77

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	20.7	24.7	31	35.1	32.6	40.4	42.1
Standard Deviation (dB)	5.4	3.9	3.4	2.9	3.1	3.1	2.7
Assumed Protection (dB)	15.3	20.8	27.6	32.2	29.5	37.3	39.4

SNR=31 H=32 M=29 L=23

# 3M™ Peltor™ Flex Headsets



FL6U-36

## 3M™ Peltor™ Tactical XP Flex Headset

A hearing protector intended for long periods of use, with generous space for the ears and extreme comfort. The Tactical XP is a level dependent hearing protector that keeps you in touch with your surroundings while effectively protecting your hearing from harmful noise and impulse sounds like gunshots. Harmless sounds come through with no problem and weak sounds are even amplified, so you hear better with a Tactical XP than without hearing protection at all.

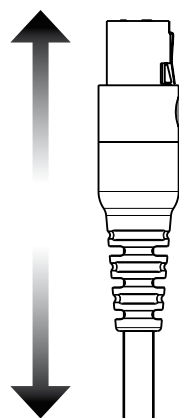
- Active Volume function
- The last setting is stored when the unit is switched off
- 2 x 1.5-volt AA batteries ~ 270 hours' operating time
- Equalizer
- Balance adjustment

Product code	Product description	3M Id no
MT1H7F2-77	Peltor Tactical XP headband Flex Headset	XH001660758
MT1H7P3E2-77 SV	Peltor Tactical XP helmet attachment Flex Headset	XH001660816

## 3M™ Peltor™ Flex Cable

This cord is specially designed for use with Peltor Flex Headset, Peltor OraTac and Peltor FMT120.

It's easy to connect various communication equipment to your Peltor product just by switching cords. The contact is easy to plug into and unplug.



### MT1H7F2-77

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
Standard Deviation (dB)	1,8	0,9	1,3	1,5	5,5	3,1	2,3
Assumed Protection (dB)	12,0	20,6	29,6	35,1	30,4	34,4	36,7

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

### MT1H7P3\*2-77

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	14,0	22,4	28,1	33,8	33,4	35,4	38,7
Standard Deviation (dB)	1,5	2,7	1,7	2,3	2,6	2,3	1,8
Assumed Protection (dB)	12,5	19,7	26,4	31,5	30,8	33,1	36,9

SNR=30 H=33 M=28 L=20

## Flex Cables selector

For communication radio brand/model:

<b>FL6U-21</b>	Flex Cable for Motorola GP300, CP040
<b>FL6U-28</b>	Flex Cable for Mobile, Dect Phone 2,5 mm Stereo
<b>FL6U-31</b>	Flex Cable for Icom F3, F4, etc 2,5-3,5 mm
<b>FL6U-32</b>	Flex Cable for Motorola GP340, GP328
<b>FL6U-35</b>	Flex Cable for Icom F3G, F4G
<b>FL6U-36</b>	Flex Cable for Kenwood 2,5-3,5 mm
<b>FL6U-61</b>	Flex Cable for Motorola Visar
<b>FL6U-63</b>	Flex Cable for Motorola M0T0TRB0
<b>FL6U-64</b>	Flex Cable for Icom F33/F43 F34/F44
<b>FL6U-65</b>	Flex Cable for Motorola GP344, GP328+
<b>FL6U-66</b>	Flex Cable for Iphone/HTC/Samsung 3,5 mm
<b>FL6U-67</b>	Flex Cable for Nokia/Sony 3,5 mm
<b>FL6U-101</b>	Flex Cable for Sepura STP8000 series
<b>TAA13-T0299</b>	Flex Cable for Icom-F51/61
<b>TAA22-T0299</b>	Flex Cable for Vertex VX-160

# 3M™ Peltor™ Flex Headsets



## Common to all Peltor™ Flex Headsets

All Peltor Flex headsets have efficient noise attenuation for use in extremely noisy environments.

The cups on the hearing protectors have optimum acoustic design and plenty of space for the ears, providing the best possible comfort and sound quality. The soft, fluid-filled ear cushions and individually sprung stainless steel headband wires provide an even distribution of pressure around the ears.

Peltor Flex Headsets are equipped with an electret microphone, PTT/respond button and a standard chassis jack for connecting the cords for various types of communication equipment – radios, mobile or DECT telephones.

## Many ways of connecting

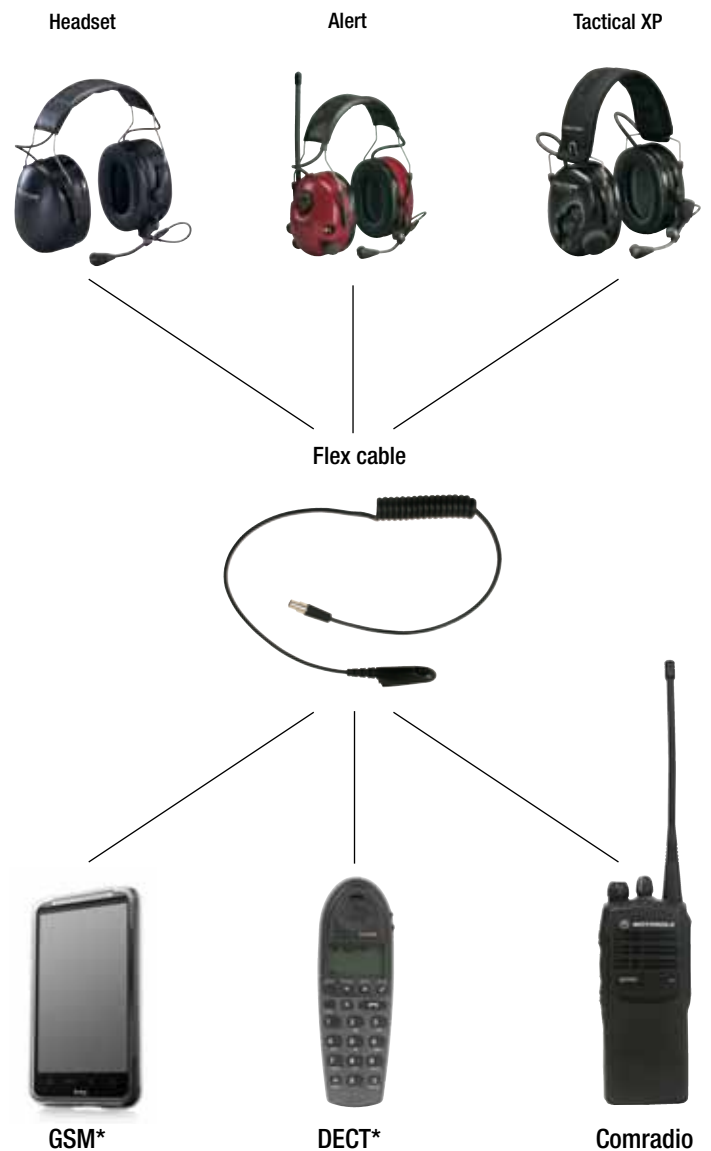
The cleverly designed universal connector on the Peltor Flex allows the headset to be used in many different fields and functions with a wide range of communication radios, mobile- and DECT telephones.

## Flexible and convenient

This type of Peltor headset has endless possibilities. Use the same cord to connect a Peltor Flex headset with a built-in radio at work, or use a hearing protector with level dependent while out hunting.

Active volume lets you hear weak sounds in your environment even better than you would without hearing protectors, while allowing communication with others via your comradio.

### Peltor Flex Headsets



\* Some models require a telephone adapter



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