

Peltor Workstyle

For improved pleasure and increased accessibility at work



Protect your hearing and listen to the radio – at the same time

The Peltor hearing protector radio was developed primarily for people working in outdoor environments such as in forestry, in vehicle cabs, driving lawnmowers, working at their hobbies etc.

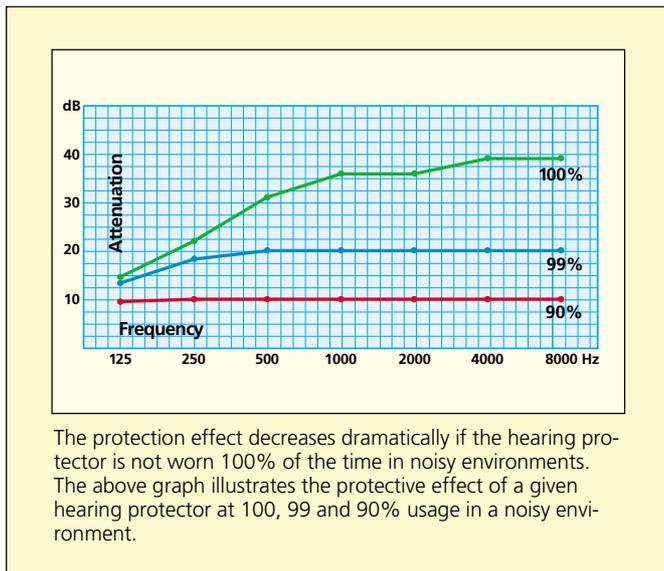
With the hearing protector radio, the wearer can both protect his or her hearing effectively and at the same time enjoy listening to the radio while working. Some models can even be linked to a telephone or communications radio, making you accessible wherever you are.

High-attenuation hearing protector with stable FM reception

The Peltor Workstyle HTRXS hearing protector radio is based on a well-proven hearing protector which is renowned for its comfort and powerful attenuation ability. A fully integrated and sturdy FM stereo radio with modern high-sensitivity electronics ensures that the interference-suppressed sound reproduction comes into its own even in high ambient noise conditions. The loudspeakers are limited to a maximum of 82 dB(A) equivalent sound, which is a safe level. The radio is powered by two 1.5 volt AA batteries with a life expectancy of up to 200 hours.

100% usage – the only thing that counts

From the purely clinical point of view, it is important to always wear hearing protectors in noisy environments. Protection efficiency decreases significantly if the hearing protector is not worn 100% of the time. If it is taken off for just a few minutes a day, the result may be permanent hearing damage. That is why it is so important for the hearing protector to be comfortable and easy to use.



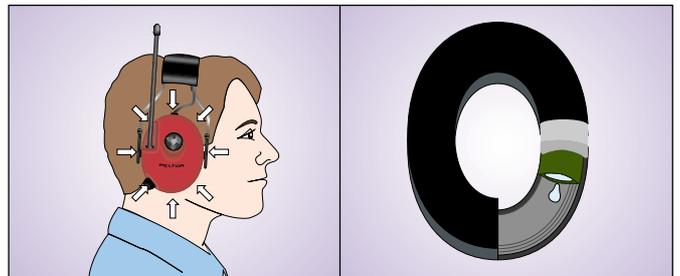
Self-adjusting

The FM stereo radio has a frequency range of 8–109 MHz and it is easy to tune. The short flexible antenna ensures excellent signal reception and offers stable stereo sound reproduction even under difficult conditions. An extra feature is that the electronic system switches automatically and imperceptibly over to mono without a break in delivery if the reception signal is too weak.

Comfortable and convenient

The Peltor hearing protector radio features wide, soft foam and fluid-filled sealing cups which seal effectively against the head. In combination with the individually sprung headbands and the two-point attachment of the shells, comfort is of the highest standard.

The shells are equipped with recessed, well-protected controls which are easy to locate and use.



Top-class sound quality in noisy environments

Owing to frequency-compensated sound reproduction which matches the hearing protector's attenuation properties, the listener hears the music as "normal" reproduction without any of the masking effect that could otherwise result from stray noise inside the headset.

Now you are constantly accessible

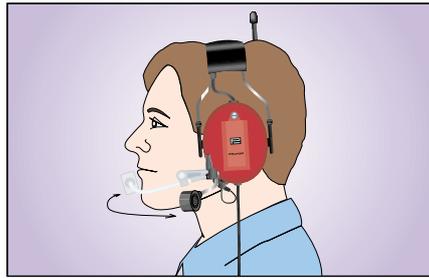
Choose between two versions

With the option of linking up to a telephone or communications radio, you can always ensure that you are accessible at the same time as you enjoy listening to the radio. There are two versions to choose between, either with an audio input for listening only, or with a microphone for full two-way communication using a separate adapter.

“Quick Positioning”

This facility makes it particularly easy to switch the microphone from the speech to the stand-by position, which is outside the field of vision and speech, without having to change any of the preset parameters. And it is equally easy and convenient to return the microphone to the speech position. The set-

tings for the microphone are flexible and can be tailored to suit individual needs and tastes.



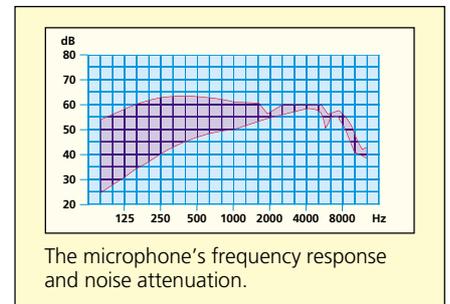
Noise-compensated microphone

The microphone, which has to work effectively in the noisiest of environments, has to reproduce speech with good quality, while at the same time damping ambient noise as much as possible.

That is why the microphone is of a

type which offers the best possible noise attenuation across the entire speech frequency range up to 25 dB. Furthermore, it is equipped with a special filter which eliminates the sounds caused as the user breathes.

This solution ensures the best speech quality even in ambient noise levels in excess of 115 dB.



Hearing protector radio – headband

HTRXS7A
Wide, softly-padded headband. Two individually sprung stainless steel wires with low-two-point attachment offer exceptionally uniform contact pressure across the entire soft, wide sealing cup. Weight: 340 g.

Attenuation ratings

Model	Freq. Hz	125	250	500	1000	2000	4000	8000	H	M	L
HTRXS7A	Mean att.	18.9	24.1	30.7	36.8	32.1	38.4	40.0			
	Std. dev.	4.6	2.6	2.6	3.4	3.4	3.0	2.3			
	APV	14.3	21.5	28.1	33.4	28.7	35.4	37.7	32 dB	29 dB	22 dB



Hearing protector radio – helmet attachment

HTRXS7P3E
As comfortable as the HTRXS7A but designed to be worn together with a Peltor hard-hat. Operational, ventilation and standby positions. With attachment for Peltor visor. Also available with attachment for other makes of helmet. Weight: 370 g.

Attenuation ratings

Model	Freq. Hz	125	250	500	1000	2000	4000	8000	H	M	L
HTRXS7P3E	Mean att.	15.2	21.9	27.2	38.0	31.0	33.3	37.9			
	Std. dev.	3.9	3.7	2.5	3.6	3.7	3.0	2.6			
	APV	11.3	18.2	24.7	34.4	27.3	30.3	35.3	30 dB	27 dB	19 dB



Hearing protector radio – headband

HTRXS7A-01
Like the HTRXS7A but with audio input for listening to incoming calls or conversations. Can be linked to a telephone or communications radio. Attenuation ratings as for the HTRXS7A. Weight: 340 g.

HTRXS7P3E-01
As above but with hard-hat attachment. Attenuation ratings as for the HTRXS7P3E. Weight: 370 g.



Hearing protector radio – headband

HTRXS7A-07
Like the HTRXS7A but with microphone for complete two-way communication via a separate adapter. Can be linked to a telephone or communications radio. Attenuation ratings as for the HTRXS7A. Weight: 420 g.

HTRXS7P3E-07
As above but with hard-hat attachment. Attenuation ratings as for the HTRXS7P3E. Weight: 450 g.

The Peltor Workstyle Hearing Protector Radio is tested and approved according to PPE directive 89/686/EEC as well as relevant parts of European Standard EN 352-1:1993. Tested according to ISO 4869-1. The Peltor Workstyle meets the requirements of EMC directive 89/336/EEC.

Peltor enhances pleasure, safety and comfort during your working day



Short flexible antenna
Excellent signal reception and reliable stereo reproduction even in difficult conditions.

Stepless height adjustment
For convenient adjustment to suit different head sizes and shapes.

Frequency-compensated sound reproduction
Loudspeakers with special frequency filter adjust to the sealing cup's attenuation properties and provide the best possible sound quality in noisy conditions.

Compact exterior, spacious interior
The cups are lightweight and easy to use while offering plenty of space inside for your ears, thus ensuring effective noise suppression and excellent comfort.

Comfortable headband
Shaped to follow the contours of the head and with a broad, soft padding.

Two-point attachment
With individually sprung bands which always ensure uniform pressure distribution.

Wide, soft sealing cups
With foam/fluid filling. Offer excellent sealing and low contact pressure.

Noise-compensated microphone
Reproduces sound with excellent quality at the same time as ambient noise is suppressed.

World leader in hearing protection and communication in noisy environments

Our goal is to improve the comfort and job satisfaction of all those who spend time in noisy environments. That is why we have developed a comprehensive range of hearing protectors and communications equipment, enabling people to work in greater safety and secu-

rity while making the workplace more enjoyable. Our product range is the result of 40 years of experience, in-house research and, not least, user feedback. This is a strength which has made Peltor a world leader in hearing protection and communications for the ma-

nufacturing industry, forestry industry, shooting, aviation and motor sport.

If you would like further information, for example about Peltor's training and hearing-protection programme or the rest of our product range, please contact us or any of our dealers.



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