

Peltor Select™ II

The FM radio that listens
and protects your hearing

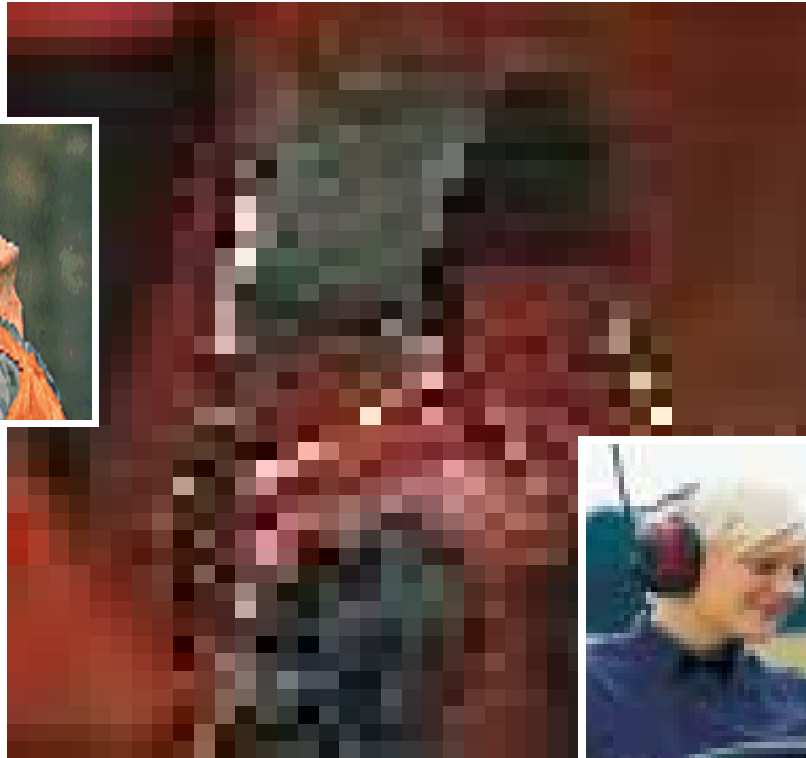


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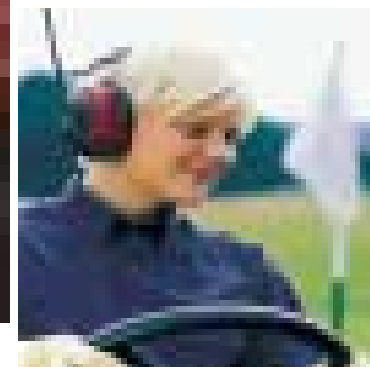
A small but effective investment in comfort and safety



Does almost everything. Protecting your hearing and still being able to hear and communicate with your surroundings is an invaluable source of security.



Easy-to-use and comfortable. Countless technical features, but still easy to use. The Peltor Select is our most advanced hearing protector radio, with functions that make it completely one of a kind.



Listens and entertains. Radio entertainment and access to ambient sounds make it both safer and more pleasant to spend time in noisy environments.

Peltor has a very wide range of hearing protection and communication products for people who spend time in noisy environments. Noise is harmful and tiresome, and our goal is to offer users the greatest possible comfort, well-being and safety, combined with greater enjoyment at work.

The Peltor Select is a unique hearing protector radio that combines all this. It was developed primarily for professionals who work outdoors or have a highly mobile job, such as foresters, construction workers, heavy-machinery operators, park workers and so on. And naturally, for private individuals when they mow their lawns or pursue a noisy hobby.

The Peltor Select is an FM stereo radio. It has advanced functions such as automatic searching and storage of pre-selected stations. The user enjoys radio entertainment with very high quality reception and excellent sound reproduction.

The Peltor Select is an effective hearing protector based on the Peltor H7, which is famous for its comfort and powerful attenuation capabilities. It provides very effective protection against hearing damage.

The Peltor Select actively listens to the surroundings, a ne-

cessity for maximum safety. Quite simply, your hearing protector radio hears for you. It detects and regulates the level of ambient sounds. Weak sounds are amplified and loud noises are attenuated. You can work more safely and securely without feeling cut off from your surroundings. The Peltor Select lets you communicate with co-workers or hear warning signals. And most importantly, you hear constantly without risking any damage to your hearing.

The Peltor Select is always within reach. All models have an audio input for easy connection to a telephone or communication radio. This is also a vital safety function in many situations. Of course, you can also connect it to a portable tape or CD player.

The Peltor Select can communicate. As an option, the hearing protector radio can be equipped with a microphone to allow two-way communication. This function is unique to the Peltor Select and invaluable to lone workers.

The Peltor Select is the hearing protector radio that gives you freedom of choice. FM radio, active listening to the surroundings, built-in communication via telephone, two-way radio – or all of the above. You can choose any feature without having to sacrifice something else.

Peltor Select – the hearing protector radio that listens for you

The Peltor Select was developed for everyone who works in a mobile, noisy environment and for people who work out of doors. It offers comfort and increased enjoyment while providing safety and a sense of security through its active listening and communication capabilities. When you need to hear warning signals, when something happens that requires your attention or when someone wants to communicate with you – the Peltor Select listens.



Workshops involve working in periodical intense noise and impulse sounds. It is vital for safety to be able to block out the harmful sound levels but still be able to listen and communicate.



Industry. Many work in a noisy, clamorous environment. To be able to enjoy the radio instead is relaxing. Knowing that you will still be able to hear outside noises and be reached with information gives a feeling of security.



Construction work is mobile and often very noisy. Some construction workers are reluctant to wear hearing protectors because it is so important to be able to communicate and hear ambient noises. The Peltor Select lets workers speak freely with their colleagues and even connect to a telephone or communication radio.



Forestry is often lonely work. The noise of the chainsaw is all-encompassing and the risk of accidents in forestry is high. To be able to hear external noises despite hearing protectors can be a matter of life and death. Even more important for a lone worker is the ability to communicate with the outside world.

Peltor Select improves your working conditions

The Peltor Select is a very comfortable hearing protector. It lets you enjoy your work, secure in the knowledge that your hearing is safe and you can always be

and are easy to replace. Their life span is approximately 40 hours. The radio has a built-in low-battery warning and switches off automatically if no buttons are pressed for 2 hours.

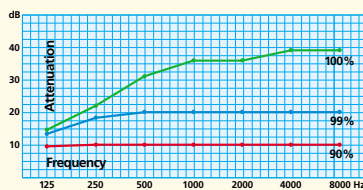
You can also switch off the active volume function and just listen to the radio.

You can move the mike arm out of your field of view and out of speech range quickly and easily without changing the basic settings. The basic setting of the microphone position is flexible and can be adjusted to individual needs.

Ambient-noise compensated microphone

The microphone, which of course is also in the noisy environment, must reproduce speech with high sound quality while eliminating as much of the ambient noise as possible. We have selected a microphone type that gives the best noise attenuation over the entire speech frequency range, up to 25 dB.

It is also equipped with a special filter that eliminates wind and breathing noi-



These graphs show the level of protection of a hearing protector at 100%, 99% and 90% use in a noisy environment.

reached. It is important to remember that for a hearing protector to provide satisfactory protection in an environment with harmful noise levels, it must be worn 100% of the time. Failure to wear a hearing protector just a few minutes a day can cause permanent hearing loss. This is why it is so important that the hearing protector is comfortable and pleasant to wear.

Radio with many functions

The FM stereo radio has a system for simple, quick searching of stations. It can store up to four pre-selected stations. You can set the balance between radio and ambient sounds. When an external audio signal comes in, the radio function is switched off and the volume is controlled by the external source. The batteries are placed in the left cup

Senses the sound level

Active listening means that the Peltor Select “listens” to the ambient noise level. An electronic “vent” attenuates loud impulse noises to a harmless level long before the sound waves reach the ear. When the sound level in the environment returns to a harmless level, the “vent” opens again.

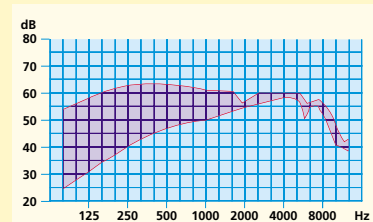
In this position, ambient sounds are actively amplified. Weak sounds can be amplified up to 10 times in comparison with conventional hearing protectors. Alarms, warning signals or cries are easy to hear. Since the Peltor Select is stereo, you also hear the direction of the sound. The Peltor Select mimics the ear’s natural recognition.

Complete two-way communication

Since the Peltor Select can be connected to a telephone or communication radio, you can always be reached, even when you are listening to the radio.

Some models even have a microphone that can be used with a hands-free kit or separate adapter for complete two-way communication.

The microphone has a “Quick Position” function that makes it easy to switch the mike from speech to stand-by position.



Frekvensgång och bullerundertryckning för Peltor Select mikrofon.

ses. This solution lets the listener hear speech clearly even at noise levels over 115 dB.

Active listening

Active listening means that the Peltor Select “listens” to the ambient noise level. A strong impulse noise is attenuated to a harmless level long before the sound waves reach the ear.

Quick Position

The microphone has a “Quick Position” function that makes it easy to switch the mike from speech to stand-by position.

Volume settings

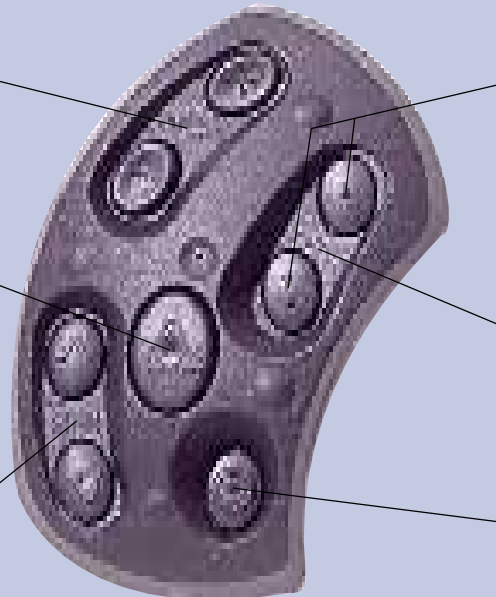
Plus or minus for higher or lower volume. Continuous adjustment is possible. The last selected volume level is stored when the hearing protector is switched off.

On/Off

Press the button for 2 seconds to turn the hearing protector on or off. Switch between active volume only and combination mode by pressing briefly.

Search

Automatic search. The search continues until the radio locates a station with a strong enough signal. The station is automatically stored on a pre-set channel after 2 seconds.



Radio only

Press both balance buttons at once when the unit is in combination mode. The active volume function switches off and you can no longer hear ambient noises. Press the on/off button to return to active volume.

Balance settings

Sets the relationship between the radio sound level and active listening. The top button increases the radio level; the lower increases the active volume function.

Pre-setting

Stores up to 4 channels. Switch between the channels by pressing briefly.

The Peltor Select FM stereo radio with large, easy-to-use touch controls

The control pad is on the right cup and is very easy to use. The powerful radio provides stable FM stereo reception even in difficult conditions. An advanced system for simple, convenient channel searching. The Peltor Select stores up to four pre-selected channels. All models have an audio input or cable for connection to a communication radio, telephone or portable tape or CD player.



Active volume hearing protector radio – headband

MRX7A

Wide, softly padded head cushion. Two independently sprung stainless steel headband wires with low, two-point fasteners give unbeatable even distribution of pressure over the entire soft, wide seating cup. Audio input standard feature. Weight: 400 g (including battery)



Active volume hearing protector radio – helmet attachment

MRX7P3*

Just as comfortable as the MRX7A, but worn with the Peltor G2000 protective helmet (also available for the G22). With attachment for Peltor visor. Audio input standard feature. Weight: 430 g (including battery)



Active volume hearing protector radio – headset, headband

MRX7A-07

Like the MRX7A, but with a microphone to allow complete two-way communication with a separate adapter. Can be connected to a telephone or communication radio. Weight: 420 g (including battery)



Active volume hearing protector radio – headset, helmet attachment

MRX7P3*-07

Same attachment as the MRX7P3*. Headset design like the MRX7A-07 to allow complete two-way communication. Weight: 450 g (including battery)

Attenuation levels, headband

Model	Frequency ²	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Peltor Select MRX7A	Mean att. ³	19.7	25.4	31.0	34.6	32.2	38.7	42.1				
	Stand. dev. ⁴	3.4	2.5	3.4	1.8	3.6	3.8	3.6				
	APV	16.3	22.9	27.6	32.8	28.6	34.9	38.5	31 dB	29 dB	24 dB	32 dB

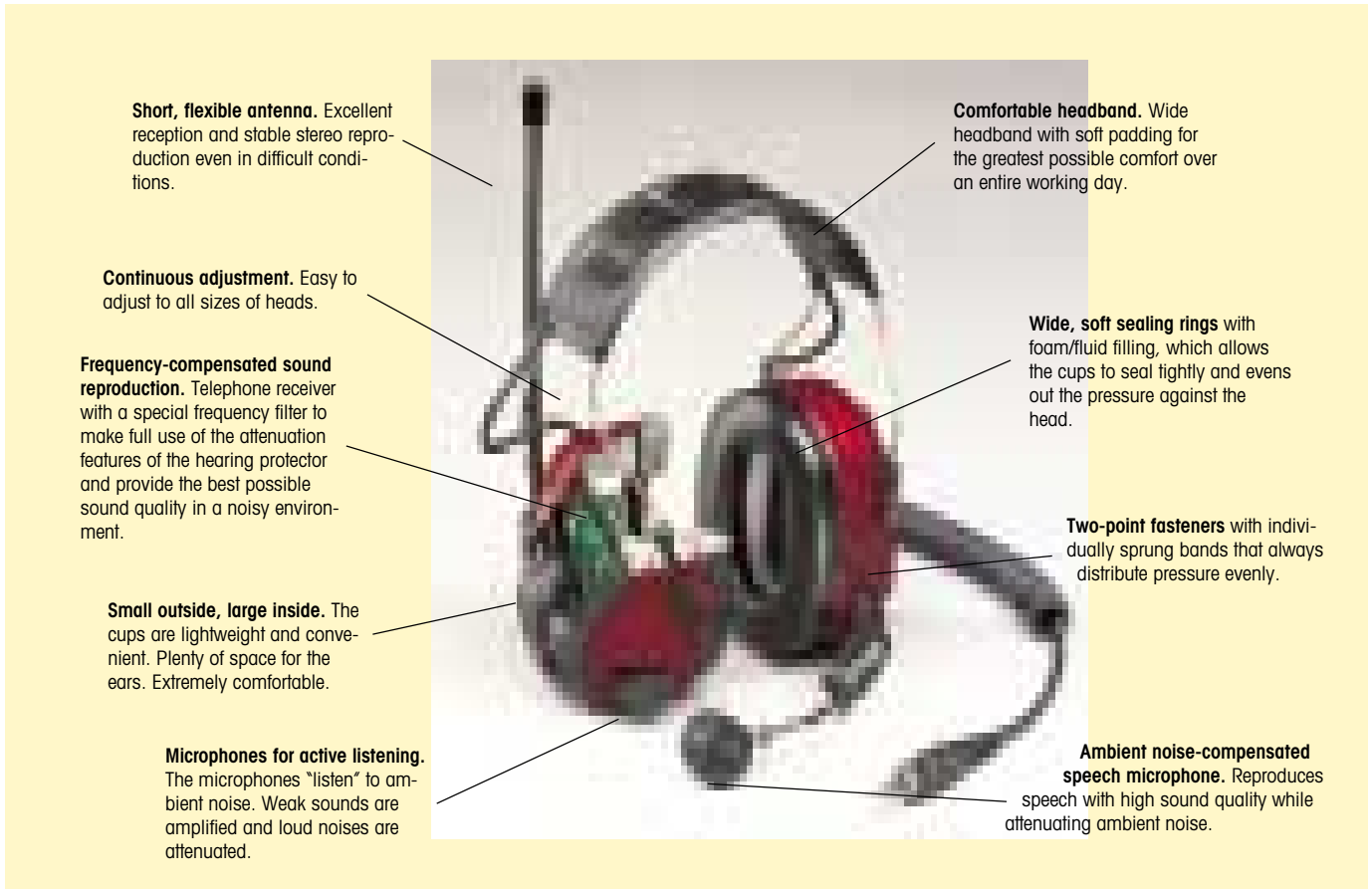
Attenuation levels, helmet attachment

Model	Frequency ²	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Peltor Select MRX7P3*	Mean att. ³	20.7	24.7	31.0	35.1	32.6	40.4	42.1				
	Stand. dev. ⁴	5.4	3.9	3.4	2.9	3.1	3.1	2.7				
	APV	15.3	20.8	27.6	32.2	29.5	37.3	39.4	32 dB	29 dB	23 dB	31 dB

The Peltor Select™ Active volume hearing protector radio is tested and approved according to PPE directive 89/686/EEC and applicable sections of European Standards EN 352-1:1993, prEN 352-3 and prEN 352-4. Tested according to ISO 4869-1. The Peltor Select™ meets the demands of EMC directive 89/336/EEC.

Peltor increases safety, job enjoyment and comfort in your daily work

The Peltor Select hearing protector radio is a little technological wonder with all its functions and features. It is also a comfortable, efficient hearing protector that is well thought-out in every detail.



World leader in hearing protectors and communication in noisy environments

Peltor is a complete line of hearing protectors and communication products for everyone who works in noisy environments. Our ambition is to prepare the greatest possible comfort, security and safety while increasing enjoyment. *Peltor* is part of the American *Aearo* corporation, which is a world leader in

personal safety equipment. Aearo's other products are sold in Europe under the following brand names:

AO Safety is a leading brand name of protective goggles and respiratory protectors. *E·A·R* is the leading brand name of a wide range of ear plugs. *E·A·R*

Classic is the most widely sold ear-plug in the world. Aearo's wide product range and collective expertise give the company a unique strength in the industry. The worldwide distribution network means that Aearo is always nearby – wherever you may be.

PO18012 Peltor



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PELTOR®

Aearo Ltd
 First Avenue, Poynton, Cheshire
 England, SK12 1FJ
 Tel. +44 (0)1625 878320, Fax. +44 (0)1625 877348
 E-mail: ukinfo@aearo.co.uk