



Peltor Alert
Aware and available!



Makes duties a pleasure

A good hearing protector doesn't block out your surroundings.

It welcomes them in – on your terms. The Peltor Alert is an active-volume hearing protector that listens to the surroundings. The unit has a built-in AM/FM radio receiver that can be connected to a telephone or com radio for complete two-way communication.

The result is a hearing protector that safeguards your ears from harmful noise, while heightening your senses and ability to react, and boosting your enjoyment and morale.





Keeps you awake and Alert

More and more people's working situations are isolated. This often leads to loneliness, boredom and loss of interest. The radio keeps you awake and focused. You work more efficiently. The job becomes easier.

Greater safety

Besides protecting the hearing, the Alert also improves the wearer's perception through an active-volume function. Warning signals, approaching vehicles and other dangers that may occur are easier to hear.

Advanced AM/FM radio

The Peltor Alert has an advanced AM/FM radio as standard. The sound is reproduced in stereo with a bass that does the music justice. The short, flexible antenna provides excellent reception with no annoying interference, even in harsh conditions. The sound level of the radio never exceeds 82 dB(A).

If the reception signal is too weak, the electronics automatically switch to mono for the best possible quality and comprehension, without interrupting the sound.



Easy to use

Active volume controls. On/Off and volume.

Radio controls. On/Off and volume.

Channel search control. Switches automatically from stereo to mono for the best reception in the event of a weak signal.

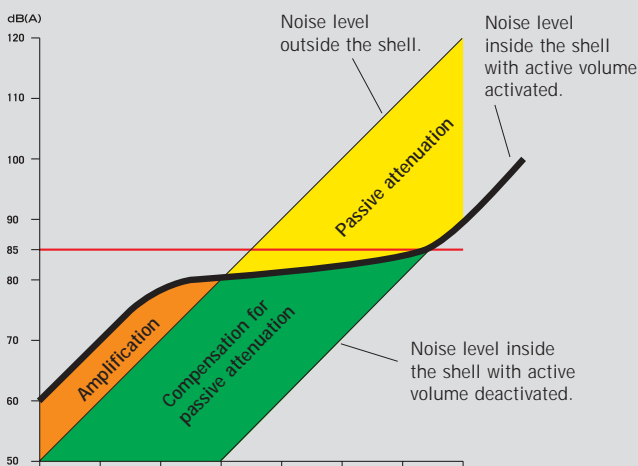
FM/AM switch (frequency range FM 88–108 MHz, AM 540–1700 kHz).



Listens to ambient noise

The active-volume function listens to your surroundings and adapts to what it 'hears'. Each ear cup has a microphone that captures all sounds. The electronics inside analyse the information and process the sound before reproducing it to the ear.

Diagram of active volume at various noise levels in a certain given noise type.



Natural sound in stereo

The Peltor Alert offers excellent sound reproduction, natural and undistorted. The advanced stereo electronics make it clear where sounds come from, so it's easy to interpret the situation naturally.

The volume level is limited to 82 dB(A); all louder sounds are attenuated and softer sounds are amplified. This ensures that you are always protected from harmful noise, while regular speech becomes easier to hear. In situations where the ambient noise is minimal, you even hear better with the hearing protector than without.

Complete two-way communication

For complete two-way communication, the Alert can be equipped with a headset kit that easily snaps onto the shell. A complete headset version with speech microphone and integrated connector cord is also available (-07).



Clear speech even in loud noise

The microphone has effective ambient-noise compensation that filters out background noise and reproduces speech with excellent sound quality even at very high noise levels.

Answer the phone!

You can easily connect a telephone to your headset by connecting an adapter to the standard jack on the headset (see accessories). Then you can speak freely with whoever you want, wherever you are.

Peltor has a wide range of push-to-talk (PTT) buttons for various types of com radios. Contact Peltor or your local retailer for more information.

Listen to what you want to hear

Choose your own music

When you're tired of the radio, you can choose your own music by connecting a CD or MP3 player with a connector cord (extra accessory).

Connector cord

FL6N – 3.5-mm stereo jack for CD player etc.

Com radio

To listen to radio communication, you can connect a com radio in the same way as an FM radio.

Connector cords

FL6H – 3.5-mm mono jack

FL6M – 2.5-mm mono jack



Flexible antenna

Short, flexible antenna that doesn't get in the way of your work.

Extra wide headband

Soft padding for ideal comfort throughout the working day.

Strong steel band

The steel in a Peltor hearing protector is very strong and maintains its shape even under pressure. It is unaffected by temperature changes and fits securely and comfortably.

Small outside – large inside

The cups are lightweight and convenient. Plenty of space for the ears. Extremely comfortable.

Fits everyone

Continuous height adjustment allows smooth adjustment to your head.

Even pressure

The unique two-point fastener with individually sprung bands provides even distribution of pressure.

Comfortable

Wide, soft ear cushions make the fit comfortable, even if you wear spectacles.

Controls.

Large, ergonomically designed radio controls. AM/FM selector and channel changer.

Easy maintenance

Replace the hygiene kit twice a year for the maximum protection and comfort.

Frequency-compensated sound reproduction

Natural sound reproduction in all situations.

Microphones for active listening

The microphones 'listen' to ambient noise. Weak sounds are amplified and loud noises are attenuated.

Ambient noise-compensated speech microphone

Reproduces speech with high sound quality while attenuating ambient noise.

Connector cord

Insulated with flexible polyurethane with a moulded connector.

Hearing protector radio in all environments

The Peltor Alert was developed for all environments where high safety must be combined with communication. Shop and industrial environments, construction sites, agriculture and forestry are a few examples, but the Alert is also useful in many private contexts as well, such as gardening or renovation.

We have developed several models to ensure there's an Alert for everyone. A headband model for all-round use, and a model with a helmet attachment for people who wear hardhats at work. Both models are available as a headset.



Technical data

Attenuation values

The attenuation values for Peltor active-volume hearing-protector radios are tested and approved according to PPE directive 89/686 EEC and applicable sections of European Standard EN 352-1:1993/EN 352-3 and EN 352-4.

The Peltor Alert meets the requirements of EMC directives EN55013 and 55020 and is FCC-approved (FCC Part 15).

Battery unit

Operates on two 1.5-V batteries, with 100 hours' operating time.

Sound levels

The earphone volume for music is measured at no more than 81 dB(A) equivalent noise level according to the PPE directive.

Headset kit – MT7FL6AB

Allows complete two-way communication
Contains MT7 microphone
A44 guide wire
FL6AB connector cord (J11)



Spare parts/Accessories

Hygiene kit – HY79

Replaceable hygiene kit consisting of two attenuation cushions and two ear cushions. Replace at least twice a year to ensure constant attenuation, hygiene and comfort.

Clean single-use protectors – HY100

A single-use protector that is easy to apply to the ear cushions. Packages of 100 pairs.

Microphone protector – HYM1000

Moisture and wind-tight. Hygienic, effective protector that increases the life span of the speech microphone. Packages of 5 metres, approx. 50 replacements.

Wind protection for ambient-noise microphones – M60/2

Effective against wind noise; enhances life span and protects the microphones. One pair per package.

Battery cover – 1173SV

Adapter cord

FL6-08 – 2.5-mm mono jack for mobile phone

Telephone adapters (extra accessory)

TAH01-Nokia 5110, 6110, 7110 etc.

TAH01A-Nokia 6310

TAH02-Nokia 3000 and 8000

TAH10-Ericsson. Older models like the 688, 888, T18, T10 etc.

TAH11-Ericsson. Newer models like the T28, R310S, T68i, A2618 etc.

TAH20-Siemens.

Solutions for more GSM and Dect telephones available. Contact us or your retailer for more information.

Range of models:



Alert Headband M2RX7A

Basic model of the Peltor Alert. The unit has a soft, padded head cushion and stainless steel band with continuous height adjustment.

The two-point fastener gives an unbeatable even distribution of pressure over the head, ensuring comfort. Audio input is a standard feature.

Colour: Burgundy.
Weight: 400 g



Alert headset with headband M2RX7A-07

The Alert, with a headband and speech microphone. Connector cords can connect the microphone to a mobile phone or com radio. Other properties are the same as in the basic model.

Colour: Burgundy.
Weight: 420 g



Alert helmet attachment M2RX7P3E

The Alert with an attachment for Peltor hardhats or other brands with a slot attachment. The hearing protectors have three positions: working, ventilation and parking. Attachment for visor and rain protection.

Other properties are the same as in the basic model.
Colour: Burgundy.
Weight: 430 g



Alert headset with helmet attachment M2RX7P3E-07

The Alert with an integrated speech microphone and connector cord.

Attachment for Peltor hardhats or other brands with a slot attachment. The hearing protectors have three positions: working, ventilation and parking. Attachment for visor and rain protection. Other properties are the same as in the basic model.

Colour: Burgundy.
Weight: 450 g

Headband

| Model | Frequency ² | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|------------------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Peltor ALERT M2RX7A | 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 | 31 dB | 29 dB | 24 dB | 32 dB |
| | APV | 16.3 | 22.9 | 27.6 | 32.8 | 28.6 | 34.9 | 38.5 | | | | |

Helmet attachment

| Model | Frequency ² | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
|--------------------------|--------------------------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Peltor ALERT M2RX7P3* | 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 | 32 dB | 29 dB | 23 dB | 31 dB |
| | APV | 15.3 | 20.8 | 27.6 | 32.2 | 29.5 | 37.3 | 39.4 | | | | |

Explanation of the attenuation value table:

2. Frequency in Hz. 3. Average attenuation value in dB. 4. Standard deviation in dB.



100% hearing protection

Where safety equipment is concerned, only one thing matters: Continuous development. Peltor AB has specialised in developing and manufacturing hearing protectors for over 50 years, and is a world leader today.

We work continuously with research and development, with one goal: To be even better than the best – ourselves. The result is a complete hearing protection and communication range that offers alternatives for all noise situations.

We never compromise on people's hearing.

