

PELTOR[®]



WS Phone Headset

Using Bluetooth wireless technology



PELTOR WIRELESS PHONE HEADSET

Peltor Wireless Solutions™ make the most of the new technology to simplify communication in noisy environments. The vision that the whole industry has been talking about is now a reality. You can always answer or make a call on your phone – even if it is out of sight. Wirelessly, instantly and without interference.



Peltor Wireless Phone Headset

The Peltor Wireless Phone Headset is the first product in the Peltor Wireless Solutions™ range. It has a built-in **Bluetooth** chip that can easily connect to a **Bluetooth** phone within a range of about 10 metres. No more hassle with connectors or cables; you get instant connection once set up, full duplex, and a standard that works around the world.

“Noise protected”

The headset provides efficient noise attenuation even in very high noise levels. This is vital not only to protect the hearing, but also to ensure clear and reliable communication in extreme noise environments. The microphone has efficient noise compensation to prevent ambient noise interfering with communication.

Easy to use

Use the set-up menu in the phone to set up communication between the phone and the headset (see the user instructions for your phone). Once this is done, the phone and the headset are always connected as long as they are within range.

When a call comes in, just push the answer button on the headset and you are connected. The headset has three control buttons: Answer, Volume up and Volume down.



Technical data

Peltor WS Phone Headset is approved according to the Bluetooth Headset profile and certified according to the following standards: ETS 300 328 (Basic Radio Test), FCC part 15.247, EMC: ETS 826 R-LAN (TX&RX), Safety: EN 60 950

Type of traffic:	Duplex
Range:	Approx. 10 metres (OdBm)
Batteries:	2 x 1.5V AA
Operational time:	Stand-by approx. 100 h Speech approx. 15 h



Attenuation headband, weight: 368 g

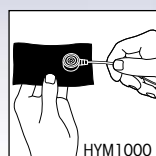
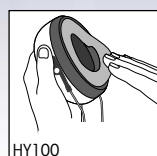
Model	Frequency ¹	125	250	500	1000	2000	4000	8000	H	M	L	SNR
MT53H7WS-M	Mean att. ²	13.8	21.5	30.9	36.6	35.9	35.5	39.0	32 dB	29 dB	20 dB	31 dB
	Stand. dev. ³	1.8	0.9	1.3	1.5	5.5	3.1	2.3				
	APV ⁴	12.0	20.6	29.6	35.1	30.4	32.4	36.7				

Attenuation for helmet attachment, weight: 417 g

Model	Frequency ¹	125	250	500	1000	2000	4000	8000	H	M	L	SNR
MT53H7P3EWS-M	Mean att. ²	14.0	22.4	28.1	33.8	33.4	35.4	38.7	33 dB	28 dB	20 dB	30 dB
	Stand. dev. ³	1.5	2.7	1.7	2.3	2.6	2.3	1.8				
	APV ⁴	12.5	19.7	26.4	31.5	30.8	33.1	36.9				

The attenuation values for the Peltor WS Phone Headset are tested and approved according to PPE directive 89/686 EEC and applicable sections of European Standard EN 352-1:1993/EN 352-3:1996.

Spare parts / Accessories



Bluetooth uses short-range radio links for wireless transmission of voice and data between different communication devices. In 1998 Ericsson, Nokia, IBM, Toshiba and Intel formed the SIG group with the intention of establishing the system as a standard. Today over 2000 companies throughout the world have adopted **Bluetooth** technology.

Operates world-wide

Bluetooth operates on the 2.45 GHz ISM band (Industrial, Scientific, Medical). The range is 2,400-2,500 MHz and the band is license-free and available world-wide.

Fast, secure transmission

The **Bluetooth** transmission rate is about 25 times faster than a standard 28.8 modem, and your voice is transmitted in full duplex. To avoid interference from other radio transmitters in the same frequency band, **Bluetooth** uses frequency hopping at a rate of 1.600 hops per second.

Bluetooth™

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 works all over the world. All **Bluetooth** products should be fully compatible with each other.

General technical specification:

Frequency:	2.45 GHz (range 2.400-2.500 MHz)
Rate of transfer:	1 Mbit/second
Output effect:	1 mW (OdBm)
Frequency hopping:	1600/second



"The BLUETOOTH trademarks are owned by Bluetooth SIG, Inc., U.S.A. and licensed to Peltor AB"



Peltor Wireless Solutions™
Using Bluetooth™ wireless technology

Peltor Wireless Solutions™

Clear, reliable communication is always important, but seldom easy. Communication is even more difficult in noisy environments, and yet it is vital for both efficiency and safety. Peltor's experience in providing the best possible hearing protection and communication solutions is well known. With *Bluetooth*™ technology we make communication even more reliable, fast and effortless. And we make sure to stay on the leading edge to ensure that everyone who spends time in noisy environments will be able to take advantage of this new, virtually unlimited technology.

Peltor – the sound solution in noisy environments

For over 50 years, Peltor has spearheaded development in protection and communication systems for anyone who spends time in noisy environments.

We consider it a matter of pride that we control the entire manufacturing chain – from ideas and tests to the completed product. That's the best way to use and expand on our extensive experience – a quality guarantee for our customers.

This strength has secured us a leading position as suppliers of hearing protection and communication products for the manufacturing and process industries, aviation, the military and motor sports.

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