

PELTOR™

Take your safety personally



Airport Communications

For better safety
in airport environments

3M

Reliability and durability

The Peltor Hearing protection range provides, fine tuned attenuation level for different noise environments. Approved according to applicable EN 352* standard. The headset range offers in addition to the excellent attenuation, unique acoustic performance providing outstanding communication in very high noise environments. The headsets from Peltor are proven and durable designs ensure high comfort levels, allowing long term use under tough conditions.

Individually sprung headband wires of stainless sprung steel provide an even and consistent distribution of pressure around the ears.

High attenuating cups with optimised acoustic design and excellent space for the ears for maximum sound quality and comfort.

Low, two-point fasteners and easy height adjustment with no protruding parts.

Microphone with excellent suppression of ambient noise for clear and reliable communication.

Soft, wide foam and fluid-filled sealing rings with built-in pressure evening channels provide low pressure, effective sealing and ideal comfort.

Beam-mounted earphones that provide the least possible resonance and distortion for excellent sound reproduction even in very high noise environments.

Microphone arm quick and easy to set distance, length, height, angle. Easy to switch between speech and standby mode.

Level Dependent Function where microphones on each cup captures all surrounding sounds. The electronics inside analyse the information and process the sound before reproducing inside the cup.

Connection cord is insulated with flexible polyurethane and with a moulded connector. Flammable approved and tested for more than 250 000 bendings.



EN 352-1 : Safety requirements and testing. Ear-muffs
 EN 352-4 : Safety requirements and testing. Level-dependent ear-muffs
 EN 352-6 : Safety requirements and testing. Ear-muffs with electrical audio input

Peltor™ Ground Mechanic WS



Peltor™ Ground Mechanic Wireless Solutions™ headset features Bluetooth technology, so users never have to worry about cords and wires. Everything works wirelessly, with a range of about 10 metres around the WS adapter.

Once the headset and adapter have been paired, the user only needs to switch the units on and they automatically connect.

A simple press of a button on the cup, or on an external PTT button, lets the user communicate directly with the cockpit in full duplex.

Volume is easy to adjust with a plus/minus button on the side of the shell.

The headset provides effective noise attenuation even when the sound level is very high. This is important, and not just to protect your hearing. It also ensures clear, reliable communication in environments with extremely loud noise. The microphone has effective noise compensation, which prevents ambient noise from disturbing communications.

Available as standard headset as well as with level dependent function.



MT53H7AWS2-01 GB

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	20.6	29.6	35.1	30.4	32.4	36.7

EN 352-1, -6. Weight: 395g

SNR=31 H=32 M=29 L=20



MT1H7F2W3-01 GB

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

EN 352-1, -4, -6. Weight: 460g

SNR=31 H=32 M=29 L=20



FL6007-WS

Peltor WS Adapter

Two simple buttons let you turn the unit on and off and synchronise between the adapter and headset.

Once the units are synchronised, you have a wireless connection between the adapter and your Peltor WS Headset.

Two 1.5 V AA batteries, or Peltor special accumulator battery, ensure long, reliable operation.

The **Bluetooth**® wordmark and logotype are the property of Bluetooth SIG, Inc., and all use of them is subject to licensing agreements.

Reliability and durability

Peltor Ground Mechanics Hi-Viz Headset

The headset has a dynamic differential microphone with excellent ambient noise compensation and a built-in microphone amplifier.

The frequency range of the earphones gives good sound reproduction.

- High attenuating cups with optimised acoustic design and excellent space for the ears for maximum sound quality and comfort
- Dynamic differential microphone with excellent ambient noise compensation and a built-in microphone amplifier
- Quick positioning integrated microphone boom for easy handling



MT7H79F-01 GB

MT7H79F-01 GB

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	31.1	34.9

EN 352-1,-6. Weight: 335g

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

Peltor™ Ground Mechanic Adapters

Adapters FL5000

Adapter built into a functional, watertight, sturdy shell with no protruding parts, designed to fit the size and shape of a hand. Sturdy clamp that can be twisted 360° for easy attachment in all situations.

The PTT button is logically placed and specially designed to be easy to use even with heavy gloves. Connector cables are available for the most common communication radios and telephone systems on the market. Sealed to IP65.

Product code

FL5006-GB
FL5006-02 GB
FL5006-03 GB
FL5006-01

Cable

Hi-Viz 3,0 - 6,0 m
Hi-Viz 3,0 - 6,0 m
Hi-Viz 3,5 - 10,0 m
Black 6,4 - 8,9 m

Connector

Original plug PJ051B
Peltor Moulded
Peltor Moulded
Original plug PJ051B

FL5007 GB
FL5007-02 GB
FL5007-04 GB

Hi-Viz 1,5 - 6,5 m / Kevlar®
Hi-Viz 1,5 - 6,5 m / Kevlar®
Hi-Viz 1,8 - 7,5 m / Kevlar®

Original plug PJ051B
Peltor Moulded
Peltor Moulded

FL5008 GB
FL5008-02 GB
FL5008-01

Hi-Viz 6,5 m
Hi-Viz 3,0 m
Black 12 m

Original plug PJ051B
Peltor Moulded
Original plug PJ051B

Original plug

Peltor Moulded



Peltor™ Tactical™ XP

Electronic Level Dependent Ground Mechanic Headset

Peltor™ Tactical™ XP is an active-volume hearing protector, users can hear ambient noise: conversations, machine noises etc. Soft sounds are amplified, so you hear them even better than you would without hearing protectors. At the same time, sudden impulse noises at harmful levels are immediately attenuated. But the Peltor™ Tactical™ XP isn't like other active-volume hearing protectors. Different kinds of noise differ in character, direction, impulse, frequency and volume.



MT1H7F2-07-01 GB

The Peltor™ Tactical™ XP uses a new, revolutionary digital circuit that lets the user control and monitor the active-volume function, adapting the qualities of the protector to the situation and environment. The active-volume function on the Peltor™ Tactical™ XP also amplifies weak sounds better than any other Peltor protector.

- Fail safe functions which enable communication if batteries run out
- Electronic voice guided menu system
- Equipped with the following functions: volume for the level dependent function, balance, adjustable release time, equalizer, volume for external input and external input mode
- Last setting is stored when switched off
- Automatic shut-off after two hours if no function is used
- Warning signal when power is low, before shut-off
- Battery lifetime approximately 1000 hours

MT1H7F2-07-01 GB

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

EN 352-1, -4, -6. Weight: 460g

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

Peltor™ Ground Mechanics Hi-Viz Twin Cup Headset

The unique design, with double shells, gives maximum protection against loud noises, even at low frequencies. The earphones provide superb sound reproduction, even in extremely noisy environments. The headset has an electret microphone with extremely good ambient noise compensation and a built-in microphone amplifier.

- 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
- Standard J11 connection (Nexus TP-120)

MT53H540F-01 GB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.9	24.4	32.7	35.3	33.3	41	39.4
Standard Deviation (dB)	2.3	1.8	1.7	2.6	2.7	3	3.2
Assumed Protection (dB)	16.6	22.6	31	32.7	30.6	38.1	36.2

EN 352-1, -6. Weight: 420g

SNR=33dB H=33dB M=31dB L=24dB



MT53H540F-01 GB



Peltor™ Ground Mechanic Hi-Viz

Direct Lead Headset



MT7H79F-68 GB

Peltor direct lead headset has a PTT "Push to talk" button on the cup and moulded aircraft connector direct on the cable. So you can connect this direct into the aircraft and talk to cockpit. If you need longer distance you can connect Peltor extension cables.

FL3-21 Extension cable for -68 headset 3-6m

FL3-22 Extension cable for -68 headset 6.4-8.9m

- Microphone with effective noise compensation for clear and reliable communication
- Quick positioning integrated microphone boom for easy handling
- PTT button on the shell
- Beam-mounted earphones that provide the least possible resonance and distortion for excellent sound reproduction even in very high-noise environments.

MT7H79F-68 GB

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	31.1	34.9

EN 352-1,-6. Weight: 395g

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

Communication solutions for Ground Handling and Deicing



Peltor™ DECT-COM™

Peltor DECT-COM II is a wireless digital intercom system for upto nine users, for instance some hundred meters around an airport hangar or a deicing truck. The DECT-technology offers unique communications possibilities with good sound quality. With full duplex, the communication becomes as natural as a normal conversation. Can be used with the whole range of Peltor standard headsets.

Peltor™ Lite-Com™ Headset



Lite-Com is a range of products with communication radio built into the cups. This system provides efficient and effortless short range two-way communication up to about 2 km.

Peltor™ Direct connection Headsets



PTT button on the cup and direct connection to your communication radio, GSM or DECT telephone.

Accessories



Product code

FL5602
FP9007
HYM1000

Description

External PTT, for WS headset
Headset bag
Mike Protector tape "5m"



FL5602



FP9007



HYM1000

Product code

ACK03
FR03-12
FR03-EU
FR03-GB

Description

Rechargeable battery pack, 1700 mAh
Battery charger for ACK03, 12V
Battery charger for ACK03, EU plug, 230V
Battery charger for ACK03, UK plug, 230V



ACK03



FR03-12



FR03-EU

Headsets

MT53H540F-01 GB Twin Cup
MT7H79F*-GB Headset
MT53H7AWS2-01 GB WS Bluetooth™
MT1H7F2-07-01 GB Tactical XP
MT1H7F2WS-01 GB Tactical XP WS

Hygiene kit

HY13
HY79
HY79
HY79
HY79

Wind shield surround microphone

–
–
–
M41/2
M41/2

Wind protection speech microphone

M40/1, M42/1
M40/1, M42/1
M995
M40/1, M42/1
M995



HY79



M41/2



M995

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 excellent 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.

