

3M™ Occupational Health & Environmental Safety Division
Military Applications



The
Power to
Protect your world



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 is to ensure that we satisfy your needs through the provision of exceptional 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.

PELTOR™ 



Protection all the way

Our mission is to help protect people at work, at home, for life. We believe that health and safety is the priority in any working environment and that greater comfort improves worker protection, resulting in enhanced productivity and safety compliance. In addition to protecting people, our ambition is to protect the environment as well. It is, therefore, our declared goal to develop and use safe products that have the least possible impact on people, the environment and the workplace.

Long lasting innovations

To deliver on our commitment requires a culture of accountability, customer inspired innovation, knowledge and expertise, fuelled by a deep understanding of our customer needs. The Peltor brand, trusted as a leader in hearing, eye and head & face protection, offers a comprehensive portfolio of hearing protectors paired with communication systems.

Working together

3M is more than just products. We work closely with distributors, safety professionals and companies to protect employees exposed to hazardous environments. With offices around the world, 3M can help our customers succeed everywhere.

Partnership in safety

Many renowned companies have chosen Peltor™ products for optimum safety at work. With customised printing, embossing and other solutions, our products can also help enhance the value of your brand.



Improves efficiency, reliability and safety

Clear and reliable communications are critical to success in most military operations. To be able to communicate whilst at the same time being protected from harmful noise levels is a vital necessity, both for exercises and actual combat situations. Noise levels are often so high that they can cause immediate and permanent damage to the hearing if protection is not worn. At the same time, communication is of prime and vital importance. Orders and information must be heard and understood, both via radio and directly person to person.

Mission Essential Products

Peltor™ and E-A-R™ provide the appropriate equipment regardless your mission. From the Classic™ earplug for optimum attenuation and best comfort, to complex communication systems adapted for army, navy and airforce.





Tactical Solutions

The Peltor™ Tactical range of products are invaluable tools for people who are subjected to impulse noises. Peltor™ Tactical products protect against harmful noise while letting in and even amplifying ambient sounds.

3M™ Peltor™ Tactical Solutions



PELTOR™

3M™ Peltor™ SportTac™ Electronic Level Dependent Hearing Protector







MT16H210F-478-GN



- Developed specifically for hunters and marksmen
- Smooth level dependent function, which eliminates abrupt sound cut-off
- Interchangeable shells makes it easy to change colour
- Equipped with automatic shut-off function
- Collapsible for easy storage
- Not to be used in combat situations
- Does not fit under a ballistic helmet

Only for practice shooting

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour
Hunting, orange shells incl.	XH001650049	MT16H210F-478-GN	Foldable head band	318	 
Sport shooting, black shells incl.	XH001650056	MT16H210F-478-RD	Foldable head band	318	 

MT16H210F-478-GN

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	12.1	17.9	27	26.8	30.5	38.3	36.4
Standard Deviation (dB)	4.3	3.1	3.8	3.0	3.0	3.7	5.4
Assumed Protection (dB)	7.8	14.8	23.2	23.8	27.5	34.6	31

According to EN352-1:2002

SNR=26dB H=29dB M=23dB L=16dB

3M™ Peltor™ WS SportTac™ Electronic Level Dependent Hearing Protector with Bluetooth™



Peltor™ WS SportTac™ allows you to better control what you hear – and don't hear. You can easily adjust the volume of surrounding sounds, filter out certain unwanted frequencies and still be protected from harmful noise levels when the shot is taken. The built in Bluetooth™ solution makes it possible for wireless connection to a mobile phone or other communication device for instant and discreet communication.

Only for practice shooting

MT16H21FWS5E-584GN

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15.1	11.1	18.2	27.0	23.8	33.4	37.7	38.8
Standard Deviation (dB)	3.8	2.6	2.3	2.2	2.1	3.6	2.2	3.3
Assumed Protection (dB)	11.4	8.5	15.9	24.8	21.7	29.8	35.5	35.5

According to EN352-1:2002

SNR=26dB H=29dB M=23dB L=17dB





PELTOR™

3M™ Peltor™ Protac II™ Electronic Level Dependent Hearing Protector



MT15H7A2 GN

- Improves communication and safety
- Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals
- Plenty of space for the ear
- Last setting is stored when switched off
- Headset option with guide-mounted microphone
- Three colour options: Military green, Red, Black
- Automatic shut-off after two hours if no function is used
- Battery life is about 1000 hours. Warning signal when power is low, before shut-off
- Audio input jack for external radio

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
Standard	XH001650015	MT15H7A2 GN	Head band	370	 	4240-25-150-9650
Standard	XH001650031	MT15H7A2 SV	Head band	370	 	
Standard	XH001650023	MT15H7A2 RD	Head band	370	 	

MT15H7A2

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	32,4	36,7

According to EN352-1:2002

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



PELTOR™
















3M™ Peltor™ Tactical™ XP Headset

Electronic Level Dependent Hearing Protector



MT1H7F2

- Level dependent function that lets you hear ambient sound: conversation, machine sounds and warning signals
- 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
- Plenty of space for the ear
- 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
- Audio input jack for external radio
- Available as headset

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN numbers:
Standard	XH001650064	MT1H7F2	Foldable head band	400	 	4240-25-152-3370
Standard	GT600013889	MT1H7P3E2	Helmet attachment	435	 	
Standard	XH001660667	MT1H7B2	Neck band	385	 	
Headset J11	XH001660717	MT1H7F2-07	Foldable head band	400	  	5965-25-150-9655
Headset J11	XH001660774	MT1H7P3E2-07	Helmet attachment	435	  	
Headset J11	XH001660675	MT1H7B2-07	Neck band	395	  	

MT1H7F2

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	32,4	36,7

According to EN352-1:2002

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

MT1H7B2

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	13,8	21,5	30,9	36,6	35,9	35,5	39,0
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	32,4	36,7

According to EN352-1:2002

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

MT1H7P3*2

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	14,0	22,4	28,1	33,8	33,4	35,4	38,7
Standard Deviation (dB)	1,5	2,7	1,7	2,3	2,6	2,3	1,8
Assumed Protection (dB)	12,5	19,7	26,4	31,5	30,8	33,1	36,9

According to EN352-1:2002

SNR=30 H=33 M=28 L=20





ComTac™ Solutions

You protect us - we protect you

The Peltor™ ComTac™ product range are invaluable tools for people who are subjected to impulse noises. Peltor™ ComTac™ products protect against harmful noise while letting in and even amplifying ambient sounds.

Being able to communicate with your surroundings whilst at the same time being protected from harmful noise levels is a vital necessity in the military, both for exercises and battle situations. Noise levels are often so high that they can cause immediate, permanent damage to your hearing if protection is not worn.

At the same time, communication is a must. Orders and information must be heard, both over the radio and directly person to person.

The Peltor™ ComTac™ Electronic Level Dependent Hearing Protector is designed for just these conditions. It is also specially designed to be worn comfortably under a helmet, be used with different kinds of weapons without being in the way, and at the same time protect effectively against harmful noise levels.

3M™ Peltor™ ComTac™ Solutions





PELTOR™

3M™ Peltor™ ComTac™ XP Electronic Level Dependent Hearing Protector



- Slim cup design
- SNR of 28dBA
- Level dependent function (talk through)
- Functions: external input mode, release time, balance, plug mode, equalizer mode and external mute mode
- Last setting is stored when switched off (except plug mode)
- Fully independent dual earphone system for talk through and external radio signal
- Compatible with the majority of ballistic helmets on the market
- Automatically switches off after two hours if no function is used
- Battery life is about 500 hours

MT17H682FB-02

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
Standard	XH001660584	MT17H682FB-02	Foldable Head band	285		5965-09-510-1152
Standard	XH001660592	MT17H682FB-08 SV	Foldable Head band	285		4240-25-160-3156

MT17H682FB-** ***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Standard Deviation (dB)	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection (dB)	9.0	15.3	25.9	27.7	29.1	34.2	37.2

According to EN352-1:2002

SNR=28dB H=31dB M=25dB L=16dB

MT17H682FB-** in combination with 3M EAR Classic earplug (Plug mode)

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	33.6	35.5	40.8	51.4	44.7	37.0	48.1	44.8
Std deviation (dB)	4.4	5.8	5.0	6.6	4.8	3.6	4.9	4.8
Assumed Protection Value (dB)	29.1	29.7	35.8	44.9	40.0	33.5	43.3	40.0

According to EN352-1:2002

SNR=39 db H=36 db M=38 db L=36 db



and



3M



ComTac™ Headset Solutions

Communication made easy...

The dynamic microphone has a small coil attached to the membrane. When sound waves make contact with the diaphragm, it vibrates. As the coil is attached to the membrane, a small voltage is generated in it by electromagnetic induction. These microphones are “self driven” and needs no external power source. The optimal positioning is 3-5mm from the lips.

The standard boom microphone is an ambient noise cancelling dynamic microphone with standard performance, which makes the systems usable for many purposes, such as radio and amplifier installations in aircraft, ships and vehicles or other places where noise levels are high.

The Gooseneck microphone has a flexible arm.

The throat microphone can be connected to detachable dynamic microphone input. Perfect to use with gasmasks and respiratories.



Standard Boom microphone



Gooseneck microphone



Throat microphone

3M™ Peltor™ ComTac™ Headset Solutions



3M™ Peltor™ ComTac™ XP Headset Electronic Level Dependent Headset



MT17H682FB-38



- Slim cup design
- SNR of 28 dB
- Level dependent function (talk through)
- Functions: external input mode, release time, balance, plug mode, equalizer mode and external mute mode
- Last setting is stored when switched off (except plug mode)
- Fully independent dual earphone system for talk through and external radio signal
- Compatible with the majority of ballistic helmets on the market
- Automatically switches off after two hours if no function is used
- Battery life is about 500 hours
- Available as a Neckband



MT17H682BB-38

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
Headset J11	XH001660600	MT17H682FB-38	Foldable Head band	335		5965-09-510-1157
Headset J11	XH001660618	MT17H682FB-38 SV	Foldable Head band	335		5965-09-510-1158
Headset J11 goose-neck mic.	XH001668603	MT17H682FB-68	Foldable Head band	335		5965-09-510-1467
Headset J11 goose-neck mic.	XH001668611	MT17H682FB-68 SV	Foldable Head band	335		
Headset J11 Neckband	XH001674528	MT17H682BB-38	Neckband			
Headset J11 Neckband	XH001674544	MT17H682BB-38 SV	Neckband			

MT17H682FB-** ***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Standard Deviation (dB)	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection (dB)	9.0	15.3	25.9	27.7	29.1	34.2	37.2

According to EN352-1:2002

SNR=28dB H=31dB M=25dB L=16dB

MT17H682BB-** ***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16.6	16.8	27.4	32.1	33.1	33.0	36.1
Standard Deviation (dB)	1.8	2.3	2.2	2.1	3.2	2.9	3.2
Assumed Protection (dB)	14.8	14.5	25.2	30.0	29.9	30.1	32.9

According to EN352-1:2002

SNR=28dB H=31dB M=25dB L=18dB





PELTOR™

3M™ Peltor™ ComTac™ XP Headset

Bone Conduction Microphone



- Slim cup design
- SNR of 28 dB
- Level dependent function (talk through)
- Functions: external input mode, release time, balance, plug mode, equalizer mode and external mute mode
- Last setting is stored when switched off (except plug mode)
- Fully independent dual earphone system for talk through and external radio signal
- Compatible with the majority of ballistic helmets on the market
- Automatically switches off after two hours if no function is used
- Battery life is about 200 hours
- Available with bone conduction microphone for Selex Communication radio and for Harris 7800









MT17H682FB-T5187



MT17H682FB-72



MT17H682FB-69

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
Headset, bone conduction mic. Marconi PRR	XH001660634	MT17H682FB-69	Foldable head band	–	 	5965-25-152-7509
Headset, bone conduction mic. GP328	XH001660659	MT17H682FB-T5187	Foldable head band	–	 	5965-09-510-1155
Headset, bone conduction mic. Harris 7800		MT17H682FB-72	Foldable head band	–	 	

MT17H682FB-** ***

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Standard Deviation (dB)	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection (dB)	9.0	15.3	25.9	27.7	29.1	34.2	37.2

According to EN352-1:2002

SNR=28dB H=31dB M=25dB L=16dB



ComTac™ IV Hybrid Headset

3M™ introduces the innovative Peltor™ COMTAC™ 4 Hybrid Headset for today's modern warfighter. The 4th generation headset continues the legacy and tradition of trusted hearing protector headsets from 3M's Peltor brand. The hybrid approach addresses customer demand for in-ear hearing protection while retaining the advantages of the traditional architecture of an over-the-ear style hearing protector.















PELTOR™

3M™ Peltor™ ComTac™ IV Hybrid Headset

The Peltor™ ComTac™ IV is designed to help reduce exposure to hazardous levels of noise, improve situational awareness and at the same time enable two-way radio communication in noisy environments.



- Designed for comfortable use with a ballistic helmet
- Hearing protection
- Detachable microphone & ear buds
- Backwards compatible with Peltor™ FL50** series adapters
- LLevel dependent function for situational awareness
- Easy use and operate
- Foldable for easy storage and transportation
- Voice guided configuration menu (hidden)
- Functions: release time, balance, boost mode
- Automatic switch off after two hours if no function is used
- Headset electronics are contained completely inside the headset housing, eliminating the need for a large, heavy external radio controle box
- A headband which mechanically stabilizes the headset to help relive issues of earplugs dislodging from cable snages and body movment
- No software loads or outside power required, complete selfcontained headset with power fail safe
- Tested to military standards

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
ComTac IV, standard wired J11	XH001679535	MT16H044F-38 GN	Foldable head band	238g	 	
ComTac IV, NATO wired	XH001679543	MT16H044F-86 GN	Foldable head band	238g	 	
ComTac IV, Dual 2xDownload, NATO	XH001679568	MT16H044F-19B	Foldable head band	–	 	
ComTac IV, NATO wired J11	XH001679576	MT16H044F-86 SV	Foldable head band	238g	 	
Comtac IV, Stereo connected J11	XH001679550	MT16H044F-88 GN	Foldable head band	238g	 	

Accessories and Spare parts:

Description	Art no	HY700	HTM045/2	MT21E	M60/2
MT21E Flexi boom speech microphone	XL001650263	Comfort padding - foam	HTM045/2 Pair of ear buds	Flexi boom speech microphone	M60/2 Wind protection foam
MT90-02 Throat microphone (dynamic)	XL001644068				
1079 SV Battery lid	11003065544				
M60/2 Wind protection foam	XH001652532				
HY700 Comfort padding-foam	XH001679584				
HTM045/2 Pair of ear buds	XH001679600				
PELTIP4-01 Ultrafit eartips, 50 pairs	XH001679618				
PELTIP5-01 Torque eartips, 50 pairs	XH001679626				
		PELTIP4-01 Pair of ear Ultrafit ear tips	PELTIP5-01 Pair of ear Torque ear tips	MT90-02 Throat microphone (dynamic)	1079 SV Battery lid
					

PELTIP4-01 in combination with MT16H044F-** UltraFit Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	28.6	27.0	30.3	29.2	30.9	31.6	32.0
Standard Deviation (dB)	5.3	6.0	6.0	5.4	3.4	6.6	4.5
Assumed Protection (dB)	23.3	21.0	24.4	23.8	27.4	25.1	27.6

According to EN352-1:2002

SNR=27dB H=26dB M=25dB L=23dB

PELTIP5-01 in combination with MT16H044F-** Torque Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	31.0	29.5	31.4	33.9	33.7	40.0	42.4
Standard Deviation (dB)	4.9	4.6	5.2	5.5	3.6	2.5	3.4
Assumed Protection (dB)	26.1	24.9	26.3	28.4	30.1	37.4	38.9

According to EN352-1:2002

SNR=32dB H=32dB M=29dB L=27dB







Mission Essential Products

Peltor™ and E-A-R™ provide the appropriate equipment regardless your mission. From the Classic™ earplug for optimum attenuation and best comfort, to complex communication systems adapted for army, navy and airforce.



Adapters & Cables

Sturdy, water-resistant adapters with integrated push-button (PTT) for connecting Peltor™ headsets to communication radios and mobile telephones.
For environments with risk of explosion, we also have ATEX-approved EX adapters.

Customized Adapters



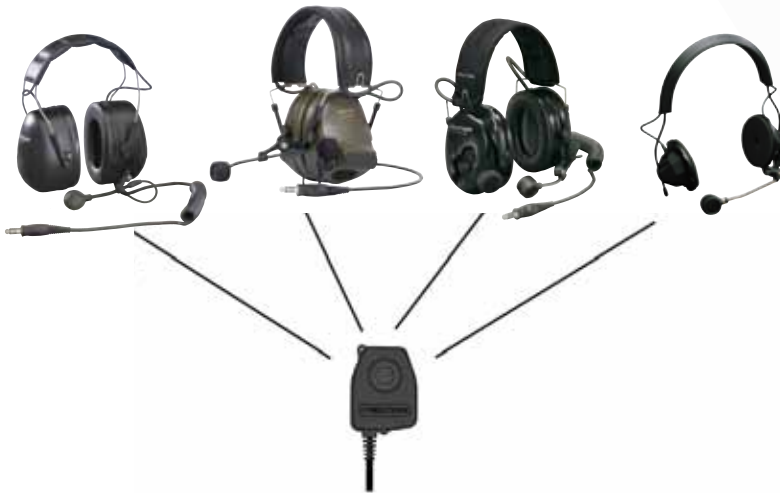
PELTOR™

Adapter Single PTT

The new Peltor™ FL5000 adapter series is a small, strong and easy-to-handle adapter, specially designed for rough environments. The PTT button is within easy reach, both from the right and left hand side, and easy to handle even when wearing heavy gloves. The adapter, and the jack, in particular, have been designed to protect the electronic components against moisture. The chassis jack and strain-relief have been tested and approved for a min. of 100,000 plug-ins. The back of the adapter has a strong, 360° turnable clip for secure fastening on garments.



FL50



Adapter Multi PTT

Special adapters for special needs.
It's possible to choose if the headset shall have a connector or not.

Two radios at the same time with the dual radios connectors and PTT button for each radio.



FL56



FL57



PELTOR™

Standard Adapters

3M product code	Reference Id	NSN number	Communication radio
XH001650999	FL5010	5965-25-150-9679	ICOM IC, Alan, Zodiac (straight connector), Yaesu, Alinco
XH001651906	FL5017	5965-25-150-9682	Motorola Visar
XH001651914	FL5018		Motorola GP900, HT1000, MT2000
XH001651005	FL5030	5965-25-151-5998	Motorola GP340, GP320
XH001651013	FL5034	5965-25-150-9684	ICOM IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT (angled connector)
XH001651021	FL5035	5965-25-150-9685	Kenwood TK3101, Funkey
XH001654249	FL5042	5965-25-150-9686	Nokia TETRA THR880/ EADS TETRA THR880i
XH001679188	FL50142		Cassidian EADS THR9
XH001654256	FL5044	5965-25-152-0519	ICOM F31/F41 F51/F61
XH001654280	FL5058		Sepura TETRA SRP2000 / SRH3*00
XH001675269	FL50101		Sepura TETRA STP8000 series
XH001654306	FL5062		Motorola TETRA MTP850
XH001677794	FL50-T9170		Motorola TETRA MTH800
XH001654314	FL5063		Motorola Mototribo
XH001654348	FL50-T9088		ICOM IC-M1 / M71
XH001654389	FL50-T9089A		ICOM IC-A3, A4, A6 / A22
XH001654397	FL50-T9139		ICOM IC-F34/F44
XH001654405	FL50-T9140		Vertex VX 160 / 400
XH001654413	FL50-T9143		Motorola GP344 / 388
XH001654447	FL50-T9148		Vertex VX 820, 920
XH001664974	FL50-T9150		Vertex HX370
XH001652946	TKD5502/1		Shroud for FL50**, FL55**, FL56**



TKD5502/1

Adapters for Military radios, “Peltor” wiring

3M product code	Reference Id	NSN number	Communication radio
XH001654223	FL5040	5965-09-510-4989	Adapter for MBITR 2M, AN/PRC-148
XH001654272	FL5052	5965-25-150-9969	Thales PR4G
XH001654140	FL5025	5965-22-609-5198	Adapter for RA145, RA146, RA180 (for Sweden)
XH001654199	FL5031		Adapter for Intercom with AP107 connection
XH001654462	FL50-T9507	5930-25-152-4734	Adapter for MBITR 20M, Maritime

For more information regarding adapters for military radios, please contact military sales representative.



PELTOR™

Headset and Adapters for Military radios, "NATO" wiring

3M product code	Reference Id	NSN number	Description
XH001678107	MT17H682FB-86	5965-09-510-4995	Headset J11, "NATO" wiring
XH001678115	MT17H682FB-86 SV	5965-09-510-4996	Headset Black J11, "NATO" wiring
XH001678123	MT17H682BB-86	5965-09-510-4993	Headset J11, Neckband "NATO" wiring
XH001678131	MT17H682BB-86 SV	5965-09-510-4994	Headset J11, Neck band "NATO" wiring
	MT17H682P3AD-86		Headset with rails attachment for exampel OPS-core helmet, "NATO" wiring
XH001678149	MT17H682FB-87	5965-12-384-5607	Headset w goose neck mic, "NATO" wiring
XH001678156	MT17H682FB-87 SV	5965-12-384-5609	Headset Black w goose neck mic, "NATO" wiring
XH001674064	MT17H682FB-19B	5965-25-160-5197	Headset for dubble communication w goose neck mic, "NATO" wiring
XH001678180	MT72H10F-86		Twin-Cup High Attenuation Headset, J11, "NATO" wiring
XH001678198	MT7H79F-86		High Attenuation Headset, J11, "NATO" wiring
XH001678172	MT32H02-86		No Attenuation Headset, J11, "NATO" wiring
XH001665120	FL5040-07	5965-25-160-3745	Adapter for MBITR 2M, AN/PRC-148, "NATO" wiring
	FL5052-02	5965-25-150-9969	Adapter for Thales PR4G, "NATO" wiring
XH001678214	FL5030-02		Adapter for Motorola GP340
	FL5018-02	5965-09-510-4988	Adapter for Motorola GP900, XTS3000, XTS5000
XH001678388	FL5601-100	5965-25-160-5200	Adapter for Harris 7800, J11, "NATO" wiring

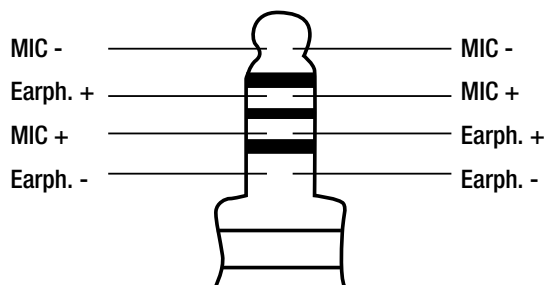


MT17H682P3AD-86

Difference between "NATO and "Peltor" Standard

"NATO" wiring

"PELTOR" STAND wiring



For more information regarding adapters for military radios, please contact military sales representative.

Special Headset and Adapters for Military radios

3M product code	Reference Id	NSN number	Description
XH001678164	MT17H682FB-88	5965-12-384-5612	Headset Stereo connected J11, with MT7N mic. (Only for FL5501 and FL5701 adapter)
XH001653027	FL5501	5965-09-510-4991	Dubble adapter for MBITR 2M, AN/PRC-148 (Only to MT17H682FB-48 Headset)
XH001673611	FL5701	5965-12-384-6451	Dubble adapter for MBITR 2M, AN/PRC-148 (Only to MT17H682FB-48 Headset)



Spare Parts & Accessories



PELTOR™



M42/1



HY79
NSN number: 5965-66-146-0146



HYM1000



MT7N



M60/2



MT21
NSN number: 5965-12-382-0893



FL6AB
NSN number: 5995-25-148-1859



MT90-02 Dynamic mic
MT90-03 Electret mic



FL6AC
NSN number: 5995-25-148-9238



MT7-FL6AB
NSN number: 5995-25-148-1723

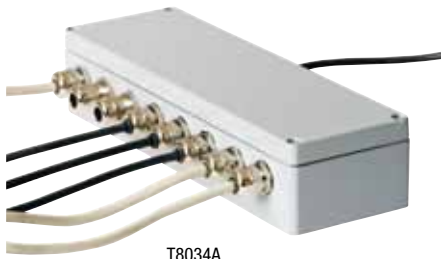


M995



MT90H044

3M™ Peltor™ Vehicle Intercom T8034A

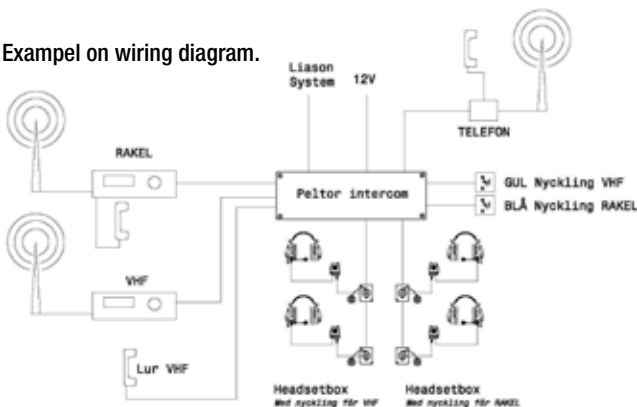


T8034A

- The Peltor vehicle intercom is an intercom system based on Peltor™ Rally Amplifiers
- The system is designed for use in vehicles on land and sea, combining full-duplex communication with connectivity to a mobile station/com radio(s)
- The vehicle intercom system is fitted in a moisture and impact-resistant metal capsule (IP65)
- Cables for power, headsets, PTT function and mobile stations can be connected to the unit

Description	3M product code	Reference Id	Colour
Max. 4 users, power supply 12V	XH001662374	T8034A	
Headset with J47 contact	XH001661871	MT7H79A-T5086G	
Aviation-Headset, 2m cable with VK01 & J47 contact	XH001660956	MT51H79F-T5086P	
Headsetbox for 1 headset, 5m cable, J47C	XH001655220	FLT-T8035	
Headsetbox for 3 headset, 5m cable, J47C	XH001665658	FLT-T8037	
PTT button with 2m cable	XH001662770	TA007	
Adapter for Peltor J11 contact to Vehicle Intercom	XH001654330	FL50-T9081	

Exampel on wiring diagram.



For more information please contact the Technical Com. service in Varnamo.

3M™ Peltor™ Intercom Solutions



PELTOR™

3M™ Peltor™ Dect-Com II™



DC2815 with DC2064



DC2811

Peltor DECT-Com II is a wireless intercom system, operating on the 1.8 GHz "DECT-frequencies", which are licence free in most countries. For North America there are products for the 1.9 GHz UPCS band. The system allows up to 9 persons to communicate in full duplex conference and more than 40 persons listening with possibility to break in to the conference at any time.

"All Call" is possible between all DECT-Com II users / bases in range. Possibility for 3 different conference groups on one base or to connect 2 external communication systems; communication radios or telephones. The base/portable and the Extensionbase / portable unit can act as a base unit or a portable unit depending on start up sequence. There is possibility to implement optional functions for different situations. The power supply unit can also be used as a bracket for fixed or mobile use. Antenna attachment in a chassis connector makes it possible to alternatively use an external omnidirectional vehicle antenna.

- Working range typ. 250 meters from the portable unit to the base
- All Peltor™ standard headset with Peltor™ J11 connectors works (Not NATO wired headset)
- Voice activated "noise gate" for suppression of surround sound, (VOX)
- Conversation time up to about 40 hours (portable unit), 6 hours (base unit) with rechargeable battery (DC2033)
- Belt clip
- With the Extension Base / Portable unit you can connect an external radio
- Security by digital transmission with initial identification procedure

Description	3M product code	Reference Id
DECT-Com II Base unit	XH001675954	DC2812
DECT-Com II Portable	XH001675947	DC2811
DECT-Com II Extension Base / Portable	XH001675962	DC2815

Spare parts for DECT-Com II:

Description	3M product code	Reference Id
DECT-Com II mains adapter	XH001675871	DC2061
DECT-Com II Charger / Holder, IP42, incl DC2061	XH001675897	DC2064
DECT-Com II Battery carrier for 6xAA batteries	XH001675764	DC2032
DECT-Com II Rechargeable battery pack, NiMH 2100 mAh	XH001675772	DC2033
DECT-Com II Antenna, omnidirectional with magnetic foot	XH001675855	DC2046
DECT-Com II Power supply / holder	XH001677232	DC2068

Adapter cables for DECT-Com II:

Description	3M product code	Reference Id
Adapter cable for Icom, straight connector	XH001676341	DC2-5001
Adapter cable for Motorola GP340	XH001676358	DC2-5030
Adapter cable for Motorola Mototrbo	XH001676366	DC2-5063
Other cables on demand.		

Please contact the lokal 3M company to get mor information regarding this product.

3M™ Peltor™ Lite-Com Solutions



PELTOR™

Peltor™ Lite-Com™ III Built-in Two-way Communication Headset



MT53H7A440B

- Available in two versions; with 8 channels in the PMR 446 MHz band or with 69 channels on the LPD 433 MHz band (A users license may be required)
- On the PMR channels 38 subchannels allow several user groups to communicate without listening to other groups on the same channel
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation etc, while sudden impulse noise at harmful levels are immediately attenuated
- An electronic voice in the receiver tells you the settings of the device
- LCD display to visualize advanced and standard settings
- Separate PTT button for the auxiliary input, where a cellular phone, a com. radio, or other audio source can be connected
- Unused, Lite-Com III switches off automatically to save the batteries

Description	3M product code	Reference Id	Attachment	Weight (g)	Colour	NSN number
Electret mic LPD 433 MHz	XH001653100	MT53H7A430B	Head band	436		5965-25-150-9666
Electret mic PMR446 MHz	XH001653118	MT53H7A440B	Head band	436		5965-25-150-9671
Dyn.mic LPD 433 MHz	XH001662069	MT7H7A430B	Head band	436		
Dyn.mic PMR 446 MHz	XH001662085	MT7H7A440B	Head band	436		

MT53H7A430B

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16.5	19.9	29.0	32.5	32.4	37.4	38.7
Standard Deviation (dB)	2.6	2.0	4.2	3.0	4.2	4.4	3.2
Assumed Protection (dB)	13.9	17.9	24.8	29.5	28.2	33.0	35.5

According to EN352-1:2002

SNR=29dB H=30dB M=26dB L=20dB

Peltor™ WS Lite-Com™ Built in communication radio and Bluetooth®



3M™ Peltor™ Lite-Com™ communication headsets have a communication radio built into a highly attenuating ear protection. In the WS Lite-Com, there is also a Bluetooth link for connecting the headset to a mobile phone or another audio device with Bluetooth® functionality. Stereo microphones pick up the ambient sound which is reproduced inside the shells, while a level dependent surround sound function is effectively limiting impulse sounds to avoid hearing damage.

Included in the package
 WS Lite-Com headset
 Rechargeable battery
 Alkaline batteries
 Hygiene kit

Description	3M product code	Reference Id	Attachment	Weight (g)	NSN number
WS Lite-Com™, PMR 446 MHz	XH001677026	MT53H7A4410WS5	Head band	464g (incl.)	

MT53H7A4410WS5 (headband)

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15.5	23.3	31.2	35.6	35.0	36.5	40.9
Standard Deviation (dB)	2.6	2.3	2.0	3.2	3.4	3.4	3.3
Assumed Protection (dB)	13.0	21.0	29.2	32.4	31.6	33.2	37.6

According to EN352-1:2002

SNR=31dB H=33dB M=29dB L=21dB



Passive Headsets



PELTOR™

Headbands



Headband (A)

Stainless spring steel. Soft padded cushion – comfortable even during long-term use.



Neckband (B)

Combines with other protective equipment, such as welding shield.



Folding headband (F)

Takes little space in toolbox or pocket. Sealing rings are protected against soiling and damage.

Cup size



Low Attenuation

Fits under combat helmet.

SNR 25-26dB(A) (Depending on model)



Medium Attenuation

SNR 30-31dB(A) (Depending on model)



High Attenuation

SNR 31-35dB(A) (Depending on model)



PELTOR™

Military Headset Combinations

Helicopter Rescue (MT21H61FA)

Headset specially made for the rescuer. This headset makes it possible for the rescue diver to communicate with the crew in the helicopter during his mission when he is in the water. The headset is built to stand the environment in the water both under and above the surface. This headset makes it possible to make the mission to go faster and give the rescuer a much safer mission.

When the mission goes faster it is possible to save more people and do it faster (save money and lives).



Twin-Cup High Attenuation (MT72H10F-38)

NSN number: 5965-25-150-9672

- Extra high-attenuating twin shells with optimised acoustic design and excellent space for the ears for the best possible sound quality and comfort
- Effective noise cancelling microphone for clear and reliable communication
- Quick Positioning integrated microphone boom for easy handling
- Soft, wide, foam and fluid-filled ear cushions and individually sprung head band wires of stainless sprung steel provide an even and consistent distribution of pressure around the ears for the best possible comfort
- Overhead and helmet-attached versions to meet most users' requirements



High Attenuation (MT7H79F-38)

NSN number: 5965-25-150-9674

- High-attenuating shells with optimised acoustic design and excellent space for the ears for the best possible sound quality and comfort
- Effective noise cancelling microphone for clear and reliable communication
- Quick Positioning integrated microphone boom for easy handling
- Soft, wide, foam and fluid-filled ear cushions and individually sprung head band wires of stainless sprung steel provide an even and consistent distribution of pressure around the ears for the best possible comfort
- Standard J11 connection (Nexus TP-120)
- Beam-mounted earphones that provide the least possible resonance and distortion for excellent sound reproduction even in very high-noise environments
- Numerous configurations. Overhead, neckband and helmet-attached versions to meet most users' requirements



Medium Attenuation (MT7H61FA-38)

NSN number: 5965-25-150-9673

- Low-profile shells for easy, comfortable use together with other PPE devices
- Low weight
- Effective noise cancelling microphone for clear and reliable communication
- Quick Positioning microphone for easy handling
- Soft, wide, foam and fluid-filled ear cushions and individually sprung head band wires of stainless sprung steel provide an even and consistent distribution of pressure around the ears for the best possible comfort
- Beam-mounted earphones that provide the least possible resonance and distortion for excellent sound reproduction even in high-noise environments
- Available in standard version with J11 (Nexus TP-120) connector. Also available in a direct-connected version on request.
- Choose between Head- or neck band





PELTOR™

No Attenuation (MT32H02-38)

NSN number: 5965-09-510-1371

- Very high comfort due to a broad Head band of sprung stainless steel, which ensures even pressure
- Replaceable padding
- Built-in air ducts
- Continuous height adjustment
- Load-relieving cord clip
- Standard version with J11 connector
- Available in single sided or dual earphones
- Not CE approved as hearing protection device



Ground crew headset (special made on request)

Headset made to be in very high noise around jetfighters. In such a high noise hearing loss can be caused in just seconds. The headset has secure straps so it can't slip away from the position on the head.

For more information please contact the Technical Com. service in Varnamo.



Waterproof Headset for Helmet (special made on request)

FL55-T9149

Headset made to be build into rescue helmets. Direct connection to radio.

This application is used by the Swedish Sea Rescue, using direct connection to ICOM IC-MI / M70.

(Helmet not included)



Example of assembly



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