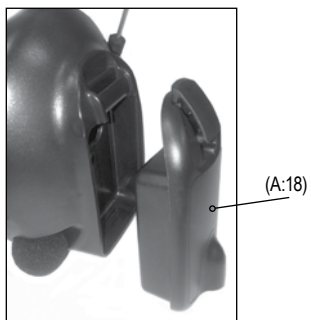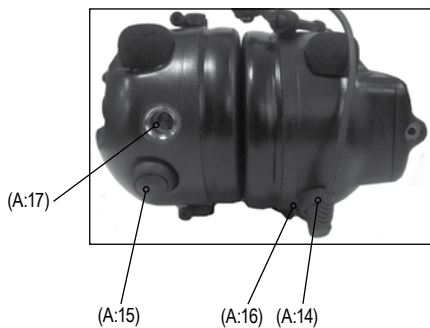# 3M

3M™ Peltor™ LiteCom Plus
MT7H7*4410-EU, MT7H7*4310-EU

The Sound Solution
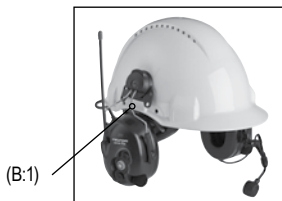
CE
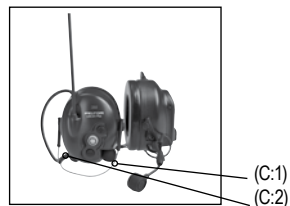
PELTOR™

(A) Headband MT7H7A4410-EU, MT7H7A4310-EU

(A:13) (A:1) (A:2) (A:3) (A:4)

(A:7)
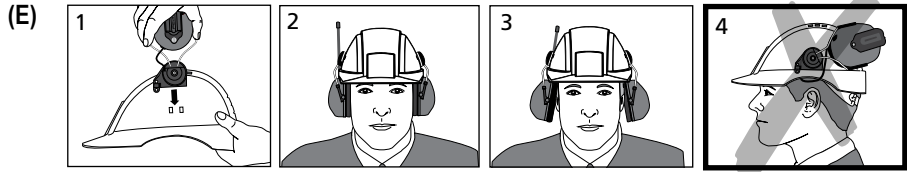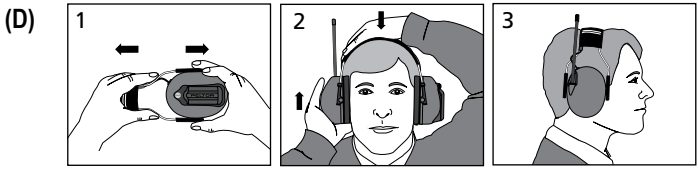
(A:11)

(A:10)

(A:12)

(A:8) (A:6) (A:5) (A:9)

(A:17)

(A:18)

(A:15) (A:16) (A:14)

(B) Helmet attachment
MT7H7P3E4410-EU,
MT7H7P3E4310-EU

(C) Neckband
MT7H7B4410-EU,
MT7H7B4310-EU

(B:1)

(C:1)
(C:2)

(D)

(E)

(G)

3 mm
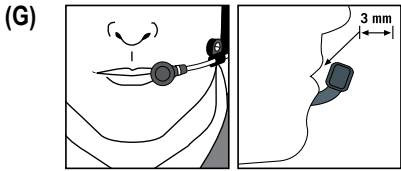
(F:1) Radio Channel Frequencies (PMR)

Channel	Frequency (MHz)
1	446.00625
2	446.01875
3	446.03125
4	446.04375
5	446.05625
6	446.06875
7	446.08125
8	446.09375

(F:2) Radio Channel Frequencies (LPD)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	433.075	24	433.650	47	434.225
2	433.100	25	433.675	48	434.250
3	433.125	26	433.700	49	434.275
4	433.150	27	433.725	50	434.300
5	433.175	28	433.750	51	434.325
6	433.200	29	433.775	52	434.350
7	433.225	30	433.800	53	434.375
8	433.250	31	433.825	54	434.400
9	433.275	32	433.850	55	434.425
10	433.300	33	433.875	56	434.450
11	433.325	34	433.900	57	434.475
12	433.350	35	433.925	58	434.500
13	433.375	36	433.950	59	434.525
14	433.400	37	433.975	60	434.550
15	433.425	38	434.000	61	434.575
16	433.450	39	434.025	62	434.600
17	433.475	40	434.050	63	434.625
18	433.500	41	434.075	64	434.650
19	433.525	42	434.100	65	434.675
20	433.550	43	434.125	66	434.700
21	433.575	44	434.150	67	434.725
22	433.600	45	434.175	68	434.750
23	433.625	46	434.200	69	434.775

(H) CTCSS (Continuous Tone Coded Squelch System)

1.	67.0	**8.**	88.5	**15.**	110.9	**22.**	141.3	**29.**	179.9	**36.**	233.6
2.	71.9	**9.**	91.5	**16.**	114.8	**23.**	146.2	**30.**	186.2	**37.**	241.8
3.	74.4	**10.**	94.8	**17.**	118.8	**24.**	151.4	**31.**	192.8	**38.**	250.3
4.	77.0	**11.**	97.4	**18.**	123.0	**25.**	156.7	**32.**	203.5		
5.	79.7	**12.**	100.0	**19.**	127.3	**26.**	162.2	**33.**	210.7		
6.	82.5	**13.**	103.5	**20.**	131.8	**27.**	167.9	**34.**	218.1		
7.	85.4	**14.**	107.2	**21.**	136.5	**28.**	173.8	**35.**	225.7		

(I) DCS (Digital Coded Squelch)

39.	023	**53.**	114	**67.**	174	**81.**	315	**95.**	445	**109.**	631
40.	025	**54.**	115	**68.**	205	**82.**	331	**96.**	464	**110.**	632
41.	026	**55.**	116	**69.**	223	**83.**	343	**97.**	465	**111.**	654
42.	031	**56.**	125	**70.**	226	**84.**	346	**98.**	466	**112.**	662
43.	032	**57.**	131	**71.**	243	**85.**	351	**99.**	503	**113.**	664
44.	043	**58.**	132	**72.**	244	**86.**	364	**100.**	506	**114.**	703
45.	047	**59.**	134	**73.**	245	**87.**	365	**101.**	516	**115.**	712
46.	051	**60.**	143	**74.**	251	**88.**	371	**102.**	532	**116.**	723
47.	054	**61.**	152	**75.**	261	**89.**	411	**103.**	546	**117.**	731
48.	065	**62.**	155	**76.**	263	**90.**	412	**104.**	565	**118.**	732
49.	071	**63.**	156	**77.**	265	**91.**	413	**105.**	606	**119.**	734
50.	072	**64.**	162	**78.**	271	**92.**	423	**106.**	612	**120.**	743
51.	073	**65.**	165	**79.**	306	**93.**	431	**107.**	624	**121.**	754
52.	074	**66.**	172	**80.**	311	**94.**	432	**108.**	627		

(J)
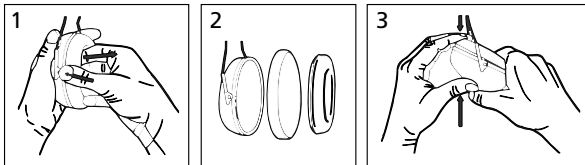
(K:1) MT7H7A4410-EU, MT7H7A4310-EU Headband

Frequency (Hz) [1]	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB) [2]	21.2	20.2	26.7	35.0	37.4	35.7	40.4	38.9
Std deviation (dB) [3]	4.1	3.1	3.1	2.6	2.1	3.0	2.9	2.1
Assumed Protection Value (dB) [4]	17.1	17.1	23.6	32.4	35.3	32.7	37.5	36.8

[5] 464 g

SNR=34 dB H=35 dB M=32 dB L=25 dB

(K:2) MT7H7P3E4410-EU, MT7H7P3E4310-EU Helmet attachment

Frequency (Hz) [1]	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB) [2]	18.6	18.8	23.8	31.1	37.2	35.5	38.2	36.5
Std deviation (dB) [3]	4.1	2.5	2.0	2.6	3.1	2.0	2.1	4.2
Assumed Protection Value (dB) [4]	14.5	16.4	21.8	28.6	34.1	33.5	36.1	32.3

[5] 491 g

SNR=33 dB H=34 dB M=30 dB L=23 dB

(K:3)   **MT7H7B4410-EU, MT7H7B4310-EU Neckband**

Frequency (Hz) [1]	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB) [2]	20.5	18.3	24.8	32.7	36.2	35.3	39.5	39.4
Std deviation (dB) [3]	4.0	3.0	2.8	2.8	3.6	2.5	3.5	2.7
Assumed Protection Value (dB) [4]	16.5	15.2	22.0	29.8	32.6	32.8	36.0	36.7

[5]   453 g   **SNR=33 dB H=34 dB M=30 dB L=23 dB**

(L)

Criterion Levels
H = 115 dB(A)
M = 110 dB(A)
L = 102 dB(A)

(M)

RMS Voltage mV	Mean sound Pressure dB(A)	STD sound Pressure dB
21,4	70,0	0,88
38,0	75,1	0,95
67,6	80,1	0,96
120,2	85,1	0,97
213,8	90,0	1,00

Average level / electronic input signal x = 75 mV =82 dB(A)

(P:1)   **The product is in conformity with the provisions set out in the following directives.**
Thereby it fulfils the requirements for CE marking.
- PPE directive 89/686/EEC
- R&TTE-directive 1999/5/EG
- ROHS-directive 2011/65/EU

(P:2)   **The product is tested and approved in accordance with following standards:**
- EN 352-1:2002, EN 352-3:2002, EN 352-4:2002, EN 352-6:2002, EN 301 489-1 V1.8.1, EN 301 489-5 V1.3.1, EN 220-1 V2.3.1, EN 300 296-2 V1.2.1, EN 62479:2010, EN 60950-1:2006 +A11:2009+A12:2011+ A1:2010+AC:2011

(P:3)   **The product has been examined by:**
- Combitech AB, Änkhusgatan 9, Box 1017, SE-551 11 Jönköping, Sweden. Notified body #2279
- BACL, Bay Area Compliance Labs Corp (Shenzhen), 6/F, the 3:rd Phase of WanLi Ind Build ShiHua Road, FuTian Free Trade Zone, Guangdong, Shenzhen, China, Notified body #0313

Technical data

Frequency range:	446 MHz (PMR), 433 MHz (LPD)
Operation mode:	Half duplex
Channels:	Max 69
Channel raster:	6,25
Channel separation:	12,5 kHz and 25 kHz
Modulation:	FM: 2,5 kHz and 5 kHz
Microphone type:	Dynamic (MT7)
Receiver sensibility:	Typical-122 dBm
Selective squelch:	CTCSS (38 sub channels)
	DCS (83 codes)
Output power:	High power: 200 mW
	Low power: 25 mW
	(MT7H7*4310-EU: 10 mW)
Range:	Up to 3 km depending on conditions
Power supply:	3,7V LiIon ACK081
Power consumption:	Stand-by: <59 mA
	Receiving: <70 mA
	Transmitting high power: <230 mA
	Transmitting low power: <160 mA
Operating time:	20 hours
Operating temperature:	-20°C to +55°C
Storage temperature:	-40°C to +55°C

(N)

1) Helmet Manufacturer	2) Helmet Model	3) Attachment	4) Head size: S=small, N=medium, L=large
3M	1465	P3E	NL
3M	Airstream AH1, AH4, AH7, HT-701, HT-702, HT-705, HT-707	P3AE	NL
3M	Mistral M-106, M-107, M-306, M-307	P3AF	NL
3M	G500 Headgear	P3E	SNL
3M	G2000	P3K	SNL
3M	G22	P3E	NL
3M	G3000	P3E	SNL
Auboueix	Brennus	P3F	SNL
Auboueix	Fondelec	P3F	SNL
Auboueix	Iris	P3E	NL
Auboueix	Iris 2	P3E	NL
Sofop Taliaplast	Oceanic	P3E	NL
Sofop Taliaplast	Opus	P3E	NL
Berendsen Safety,	Balance HD	P3N	SNL
Centurion	1125/ARCO plus	P3H	SNL
Centurion	1100/ARCO type 2	P3H	NL
Centurion	1540/ARCO	P3A	NL
Evert Larsson	Robust	P3E	SNL
Evert Larsson	Balance	P3E	NL
Evert Larsson	Balance AC/3M 1465	P3E	NL
Kemira	Top Cap	P3A	SNL
LAS	LP2002	P3E	SNL
LAS	LP2006	P3E	SNL
MSA	Super V-Gard II	P3E	SNL
MSA	V-Gard	P3E	SNL
Petzl	Vertex	P3E	SNL
Protector	Style 300	P3E	SNL
Protector	Style 600	P3G	SNL
Protector	Tuffmaster II	P3E, P3G	NL
Römer	Bravo 2 Nomaz	P3B	SNL
Römer	Marcus Top 2 Atlas Nomaz	P3B	SNL
Römer	N2 Atlas Nomaz	P3BB	SNL
Römer	Profi Expo	P3E	SNL
Römer	Profi Nomaz	P3E	SNL
Römer	Top Expo Atlas	P3B	SNL
Schuberth	BEN	P3BB	SNL
Schuberth	BER80/WPC80	P3EA	SNL
Schuberth	BER S	P3E	SNL
Schuberth	BOP R	P3B	SNL
Schuberth	PIONIER	P3B	SNL
Schuberth	SH 91/WPL 91	P3EB	SNL
Schuberth	SW1	P3EB	NL
UVEX	Airwing	P3E	SNL
Voss	Inap 88	P3E	SNL
Voss	Inap Master	P3E	NL
Voss	Inap Star	P3E	NL
Voss	Inap PCG	P3G	NL

(O)

Z3E   Z3G   Z3K
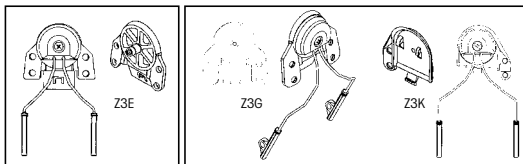
3M™ PELTOR™ LiteCom Plus
Hearing protector with built-in communication radio, level dependent function for ambient listening and option to connect external equipment.
Read these instructions carefully before use and save them for future reference.

1. COMPONENTS
1:1 Headband (figure A)
(A:1) Headband
(A:2) Headband padding (PVC foil)
(A:3) Headband wire (stainless steel)
(A:4) Two-point fastener (POM)
(A:5) Ear cushion (PVC foil and PUR foam)
(A:6) Attenuation cushion (PUR foam)
(A:7) Cup
(A:8) Microphone for level dependent function for ambient listening
(A:9) Speech microphone (dynamic microphone)
(A:10) On/Off/Mode
(A:11) +
(A:12) −
(A:13) Antenna
(A:14) Speech microphone input (J22)
(A:15) PTT (Push To Talk button) for built-in communication radio
(A:16) PTT auxiliary. (Push To Talk button) for externally connected equipment (A:17)
(A:17) External input/output (e.g. for external communication radio, external telephone)
(A:18) Lithium-ion battery (rechargeable)

1:2 Helmet attachment (figure B)
(B:1) Cup supporting arm (stainless steel)

1:3 Neckband (figure C)
(C:1) Neckband wire (stainless steel)
(C:2) Neckband cover (POX)

2. FITTING AND ADJUSTMENT
Note! Brush aside hair around your ears so the ear cushions (A:5) fit snugly.
Spectacle frames should be as thin as possible and fit close to the head to minimise acoustic leakage.

2.1 Headband (figure D):
(D:1) Slide out the cups (A:7).Tilt the upper part of the headset outwards to ensure the wires are outside the headband wires (A:3).
(D:2) Adjust the height of the cups by sliding them up or down while holding the headband in place.
(D:3) The headband should be positioned across the top of your head.

2.2 Helmet attachment (figure E)
(E:1) Insert the helmet attachment in the slot on the helmet and snap it into place.
(E:2) Working mode. To switch the unit from ventilation mode to working mode, press the headband wires inwards until you hear a click on both sides. Make sure that the cups and the headband wires do not press on the edge of the helmet when in working mode as this can cause noise leakage.
(E:3) Ventilation mode. Avoid placing the cups against the helmet as this prevents ventilation (E:4).

3. USAGE/FUNCTIONS
3.1 Inserting batteries
Insert the rechargeable battery (ACK081) in the battery compartment. Push down the clamp.

Low battery level is indicated by a voice message: "low battery", repeated every five minutes. If the batteries are not replaced a "battery empty" warning will eventually be heard. The unit will then switch off automatically.
Note! Use following battery in this product: 3M Peltor ACK081 charged with cable 3M Peltor AL2AI connected to a 3M Peltor FR08 (power supply). Note! Performance may deteriorate as the batteries get low.

3.2 Recharging batteries
Insert a blunt tool under the edge of the clamp and pull outwards/upwards. Remove the battery and charge it separately, or leave the battery in place and charge it in the hearing protector.

3.3 Switching the headset on and off
Press and hold the On/Off/Mode button (A:10) for two seconds to switch the headset on or off. A voice message will confirm that the unit has been switched on or off. The button will start to flash when switched on. The last setting is always saved when the headset is switched off.

Note! The automatic power-off time of 2 hours (factory default) can be adjusted in the set up menu.
Automatic power-off is indicated by a voice message: "automatic power off" followed by a series of short tones for 10 seconds, then the unit is switched off.

3.4 Scrolling through the menu
Press the On/Off/Mode button (A:10) briefly to browse through the menu. A voice message confirms each step.

3.5 Surround volume (level dependent function for ambient sound)
Press the + button (A:11) or – button (A:12) to adjust the ambient sound volume. Each change is confirmed by a voice message. You can choose between 6 volume levels, with level 6 allowing a maximum of 82dB.
To switch this function off, press the – button (A:12) for two seconds. When this function is switched off it is confirmed by the voice message "surround volume off". Press the + button (A:11) to switch this function back on.
Note! When this function is switched off you will not hear any ambient sound, which could be hazardous.

3.6 Radio volume (volume of built-in communication radio)
Press the + button (A:11) or – button (A:12) to adjust the sound level. Each change is confirmed by a voice message. You can choose between 6 volume levels. To switch this function off, press the – button (A:12) for two seconds. When this function is switched off it is confirmed by the voice message "Radio volume off".
Press the + button (A:11) to switch this function back on.
Note! No radio communication can be heard when the volume is switched off.
Note! When the volume is switched off all the applicable menus are hidden

3.7 Channel (radio frequency)
Press the + button (A:11) or – button (A:12) to adjust the channel. Each change is confirmed by a voice message. The number of radio channels that can be used depends on the product. MT7H7*4410-EU = 8 channels, see table F:1 Radio channel frequencies (PMR). MT7H7*4310-EU = 69 channels, see table F:2 Radio channel frequencies (LPD).

3.8 VOX (Voice Operated Transmission)
VOX enables the LiteCom Plus to transmit automatically when sound above a certain level reaches the microphone. This allows radio transmission without pressing the PTT button (A:15).

Press the + button (A:11) or – button (A:12) to adjust the sensitivity of voice operated transmission. Each change is confirmed by a voice message. You can choose between five levels or switch this function off. When the level is low it is easier to transmit. To switch this function off, press the – button (A:12) for two seconds. This is confirmed by the message "VOX off". The PTT button (A:15) must now be used to transmit. Press the + button (A:11) to switch this function back on. Alternatively switch voice-operated transmission on or off by briefly press the PTT button twice. A voice message confirms the current VOX setting.

The radio has a BCLO (Busy Channel Lock Out) function that prevents VOX operation if the channel is being used for other transmission. An audible tone indicates that the channel is already being used.
Note! To activate the VOX function the speech microphone (A:9) must be very close to your mouth, 1–3 mm (figure G). The user's voice will be heard in the headset when the radio is transmitting.

3.9 Sub menu
This gives access to settings that are only adjusted occasionally. The sub menu is accessed by pressing the + button (A:11) and – button (A:12) at the same time for 1 second. To return to the main menu, press and hold the + button (A:11) and – button (A:12) at the same time again or wait 10 seconds without pressing any button to return automatically to the main menu.

3.9.1 Squelch (hiss reduction)

"Squelch" means that background hiss in the earphones is prevented when the incoming signal is below the set squelch level.

Press the + button (A:11) or – button (A:12) to adjust the squelch level. Each change is confirmed by a voice message. You can choose between five levels or switch this function off. A low squelch level may permit longer range. To switch this function off, press the – button (A:12) for two seconds. This is confirmed by the message "squelch off". Press the + button (A:11) to switch this function back on.

3.9.2 Sub channel (selective squelch)

When sub channel is active, an inaudible code will be transmitted with speech, and this code is used to "open" the receiver. This allows multiple groups of users to use the same channel without hearing other groups. This product supports CTCSS, Continuous Tone Coded Squelch System, (table H) and DCS, Digital Coded System, (table I) which means there are 121 codes which have been assigned the numbers 1–121. All communication on a channel can be heard if this function is switched off.

Press the + button (A:11) or the – button (A:12) to select the sub channel. Each change is confirmed by a voice message. You can choose between 121 tones or switch this function off. To switch this function off, press – (A:12) when sub channel 1 is selected or press the + (A:11) button when channel 121 is selected. This is confirmed by the message "sub channel off". Press the + button (A:11) to switch this function back on.
Note! When the sub channel function is switched on, all other incoming radio communication will be blocked.
Note! BCLO (Busy Channel Lock Out) prevents transmission on a busy channel (see 3.8 VOX).

3.9.3 Power (radio transmitted output)

There are two output power levels, high and low. Use as low output as possible to maximise the run time.
Press the + button (A:11) or – button (A:12) to set the level. Each change is confirmed by a voice message.

3.10 Set up menu (configuration menu)

The configuration menu gives access to more advanced settings for the headset. This menu is accessed in power off mode by pressing the PTT auxiliary button (A:16) and the On/Off/Mode button (A:10) at the same time. To exit the set up menu press and hold the On/Off/Mode button (A:10) for 2 seconds and the headset will be turned off.

3.10.1 BCLO (Busy channel lockout)

This menu setting let you change the way the headset reacts when you try to transmit on a busy channel.
There are two options to choose from: "carrier" and "sub channel" (code) with or without a warning tone. If you want the headset to respond to the carrier wave, select the "carrier" option; if you want it to react to the sub channel, choose the "sub channel" option. Press the + button (A:11) or – button (A:12) to select the BCLO setting. Each change is confirmed by a voice message.

3.10.2 Max transmission time

This function lets you adjust the maximum transmission time. The time can be chosen between 30 seconds up to 5 minutes and off-mode. Press the + button (A:11) or – button (A:12) to adjust the maximum transmission time. Each change is confirmed by a voice message.

3.10.3 Automatic power off

The headset is switched off automatically when there is no activity (no button is pressed or no VOX transmission) for a set time. This time can be adjusted here (maximum time is 8 hours) or this function could be disabled. Press the + button (A:11) or – button (A:12) to adjust the automatic power off time. Each change is confirmed by a voice message.

3.10.4 External mode

The external mode can be configured for different types of equipment that are connected to the headset. You can switch between external PTT mode, input source mode (e.g. FM/AM radio), phone mode (e.g. mobile phone, DECT phone), radio mode (external communication radio). Each has different functions.
Press the + button (A:11) or – button (A:12) to select the function. Each change is confirmed by a voice message.
Warning! The output of the electrical audio circuit on this hearing protector may exceed the daily threshold for sound level.

3.10.5 Microphone input (microphone type)

LiteCom Plus is supplied with a dynamic microphone (MT7) as standard. You can however use an electret microphone

4

(MT53) instead. The microphone setting can be changed here. It is also possible to switch off the microphone and just use the headset for listening.

Press the + button (A:11) or – button (A:12) to select the required microphone. Each change is confirmed by a voice message.

3.10.6 Microphone mute (to the external output)
When you use PTT transmission with the built in communication radio this prevents sound from the speech microphone from being sent to the external output. This menu setting lets you switch this function on or off.
Press the + button (A:11) or – button (A:12) to switch this function on or off. Each change is confirmed by a voice message.

3.10.7 External jack level control
This function permits automatic level control for the incoming signal from external equipment. Press the + button (A:11) or – button (A:12) to switch this function on or off. Each change is confirmed by a voice message.

3.10.8 Menu return
If the user does not press any button for 7 seconds the headset will return to the first menu level (surround).
This function can be switched on or off in this menu. Press the + button (A:11) or – button (A:12) to choose the desired setting. A voice message confirms the change.

3.10.9 Restore dealer defaults (resetting)
To restore the factory default settings, press and hold the PTT auxiliary (A:16) for 2 seconds. This is confirmed by the voice message "restored factory defaults".

3.11 PTT (Push-to-talk)
Press and hold the PTT button (A:15) to transmit manually using the radio. When the radio is transmitting or receiving the button (A:10) will flash rapidly. PTT transmission works at all times, regardless of the BCLO and settings (see 3.8 VOX and 3.10.1 Busy channel lockout).

4. IMPORTANT USER INFORMATION
It is recommended that the wearer ensure that:
• The ear-muffs are fitted, adjusted and maintained in accordance with the manufacturer's instructions.
• The ear-muffs are worn at all times in noisy surroundings.
• The ear-muffs are regularly inspected for serviceability.

Warning!
If the recommendations above are not adhered to, the protection afforded by the ear-muffs will be severely impaired.
• This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer.
• Ear-muffs, and in particular cushions, may deteriorate with use and should be examined at frequent intervals for crack-ing and leakage, for example.
• The fitting of hygiene covers to the cushions may affect the acoustic performance of the earmuffs.
• This ear-muff is provided with level-dependent attenuation. The wearer should check correct operation before use.
  If distortion or failure is detected, the wearer should refer to the manufacturer´s advice for maintenance and replace-ment of the battery.
  This ear-muff is provided with electrical audio input. The wearer should check correct operation before use. If distortion or failure is detected, the wearer should refer to the manufacturer's advice.
• Follow the advice in this manual on maintaining and replacing batteries.

Warning!
Performance may deteriorate with battery usage. The typical period of continuous use that can be expected from the ear-muff battery is 20 hours.
Warning!
The output of the level-dependent circuit of this hearing protector may exceed the external sound level.
Warning!
The output of the electrical audio circuit of this hearing protector may exceed the daily limit sound level.

5. MAINTENANCE (figure J)

5.1. Removing/replacing ear cushions

(J:1) Slide your fingers under the edge of the ear cushion and pull straight out.

(J:2) Insert a new ear cushion by pressing until it snaps into place (J:3).

5.2 Cleaning

Remove the ear cushions (A:5) and attenuation cushions (A:6) if you have been wearing the hearing protector for a long time or if moisture has gathered inside the cups. Clean and disinfect the cups, headband and ear cushions regularly with soap and warm water. Make sure the soap is known not to be harmful to the wearer. Allow the hearing protector to dry before you use it again.

Note! Do not immerse the hearing protector in water!

5.3 Storage and operating temperature

Remove the batteries before storing the product. Do not store the hearing protector at temperatures above +55°C, (for example on a dashboard, parcel shelf or window sill), or at temperatures below –40°C. Do not use the hearing protector at temperatures above +55°C, or below –20°C.

6. CONFORMANCE STATEMENT

WEEE (Waste Electrical and Electronic Equipment) Symbol:
Below requirement applies in the European Union.

Do NOT dispose your product as unsorted municipal waste!

The crossed-out wheeled-bin symbol indicates that all EEE (Electrical and Electronic Equipment), batteries and accumulators must be disposed of according to local law by the use of available return and collection systems.

7. TECHNICAL DATA

7.1 Attenuation values, SNR (figure K)

(K:1) Headband
(K:2) Helmet attachment
(K:3) Neckband

7.2 Explanation of the attenuation data tables

1. Frequency (Hz)
2. Mean attenuation (dB)
3. Standard deviation (dB)
4. Assumed Protection Value (dB)
5. Weight

7.3 Explanation of the table criterion levels (table L)

H=High frequencies
M=Medium frequencies
L=Low frequencies

7.4 Explanation of the table electrical audio input level (table M)

Gives the value, dB(A), of the mean sound pressure and the sound pressure standard deviation, dB(A), at a specified Voltage, mV RMS.

7.5 Industrial safety helmet attachment (table N)

These ear-muffs should be fitted to, and used only with, the industrial safety helmets listed in the table.

7.6 Explanation of the industrial safety helmet attachment table

1. Helmet manufacturer
2. Helmet model
3. Helmet attachment (figure O)
4. Head sizes: S = Small, N = Medium, L = Large

7.7 Explanation of the testing and approval table

(P:1) This product is in conformity with the provisions set out in the following directives. Thereby it fulfils the requirements for CE marking.

(P:2) This product has been tested and approved in accordance with following standards.
(P:3) The product has been examined by.

SPARE PARTS/ACCESSORIES

3M™ Peltor™ HY79 Hygiene kit
Replaceable hygiene kit consisting of two attenuation cushions, two foam rings and two snap-in ear cushions. Replace at least twice a year to ensure constant attenuation, hygiene and comfort.

3M™ Peltor™ HY100A Single-use protectors
A single-use protector that is easy to fit to the ear cushions. Pack of 100 pairs.

3M™ Peltor™ HYM1000 Microphone protector
Moisture-resistant and wind-resistant hygienic tape that protects the speech microphone and extends its life at the same time. Pack of 5 metres is sufficient for around 50 replacements.

3M™ Peltor™ MT7N-02 Dynamic microphone
Supplied as standard with product.

3M™ Peltor™ M42/1 Wind shield for microphone dynamic microphone

3M™ Peltor™ ACK081 Battery
Supplied as standard with product.

3M™ Peltor™ AL2AI Charging cable
USB cable connecting to ACK081

3M™ Peltor™ FR08 Power supply
Power supply for AL2AI/ ACK081

3M™ Peltor™ FL5602 External PTT
Push-To-Talk button with connection cable for external control of transmission with the built-in communication radio.

3M™ Peltor™ M60/2 Wind protection for microphones with level dependent function for ambient listening
Effective against wind noise; enhances life span and protects the microphones. One pair per pack.

3M™ Peltor™ FL6CS Connecting cable
With 2.5 mm stereo connector for use with DECT and mobile telephones.

3M™ Peltor™ FL6CT Connecting cable
Listening cable with a 3.5 mm mono connector for external equipment (e.g. communicatio radio).

3M™ Peltor™ FL6BS Connecting cable
Listening cable with a 2.5 mm mono connector for external equipment (e.g. communicatio radio).

3M™ Peltor™ FL6BR Connecting cable
With Peltor J11 connector (type Nexus TP-120) for use with a Peltor adapter and an external communication radio.

3M™ Peltor™ MT90-02 Throat microphone
Dynamic laryngophone.

Important Notice
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