3M

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PELTOR™ LiteCom Pro II Headset

Two-way Radio Headset
Orejera con radio de dos vías
Headset radio bidirectionnel

The Sound Solution

USA	Canada
MT7H7F4010-NA-50	MT7H7F4010-CA-50
MT7H7B4010-NA-50	MT7H7B4010-CA-50
MT7H7P3E4010-NA-50	MT7H7P3E4010-CA-50

PELTOR™

(A)

(A:9)

(A:1)

(A:2)

(A:11)

(A:3)

(A:6)

(A:4)

(A:5)

(A:13)

(A:12)

(A:14)

(A:15)

(A:10)   (A:7)

(A:8)

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PELTOR
LITE-COM
PRO II

(A:16)

(A:18)

(A:17)

(B)

B:1	B:2	B:3	B:4

(C)

C:1	C:2	C:3	C:4	C:5	C:6

(D)

D:1	D:2	D:3

(E)

E:1	E:2 3 mm

(F)

F:1	F:2

(G)

G:1	G:2	G:3
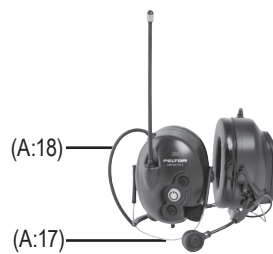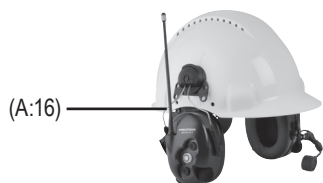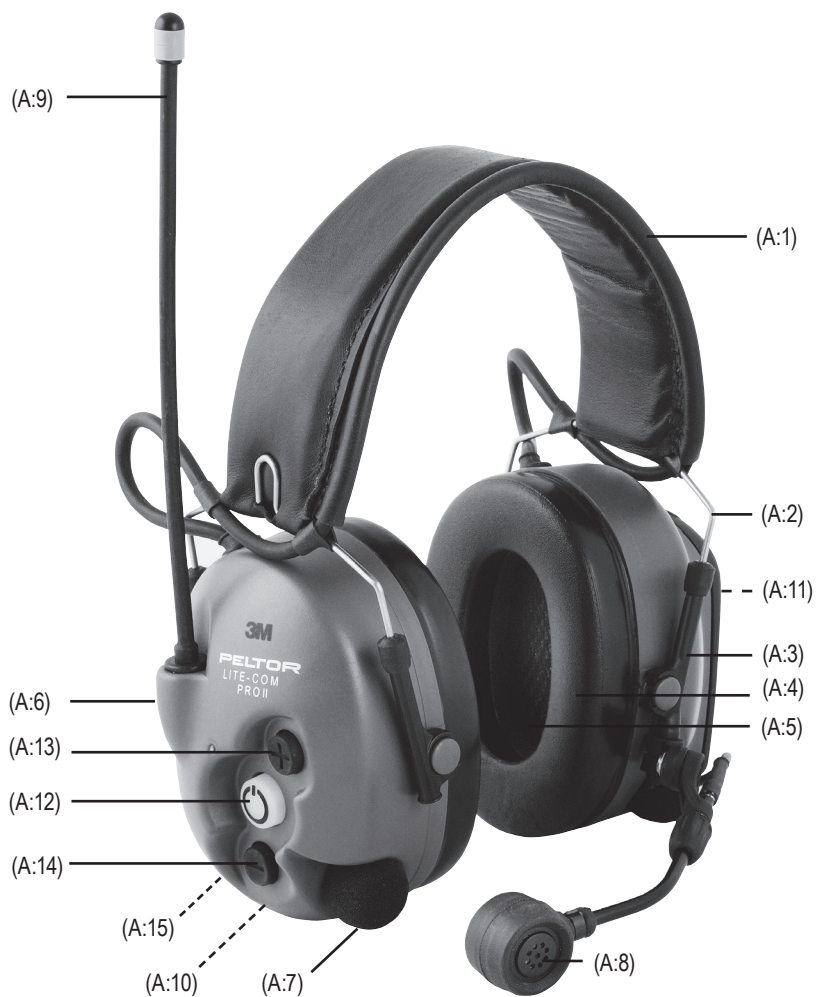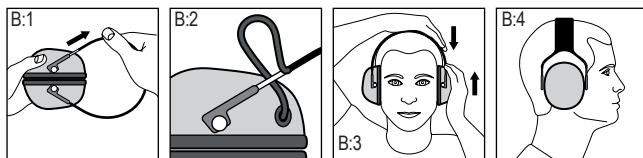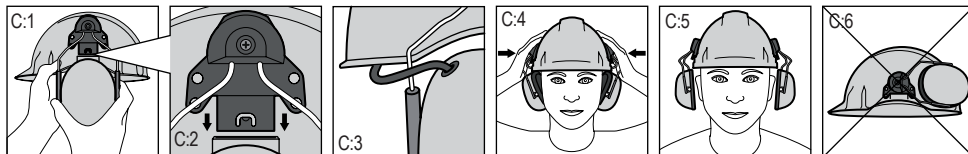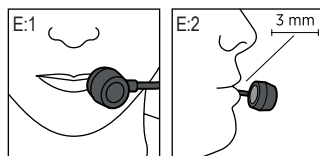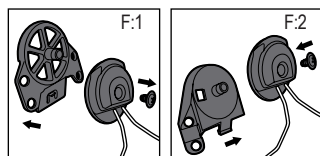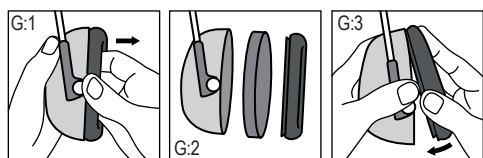
(H) ANSI S3.19-1974 per USA EPA

	Frequency [Hz] [H1]	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Headband: MT7H7F4010-NA-50 MT7H7F4010-CA-50	Mean Attenuation [dB] [H2]	17.8	23.0	32.1	36.2	35.1	39.0	38.7	38.3	36.5	25 dB	A
	Standard Deviation [dB] [H3]	4.4	3.2	2.8	3.0	2.4	3.8	3.0	3.5	3.9		
Neckband: MT7H7B4010-NA-50 MT7H7B4010-CA-50	Mean Attenuation [dB] [H2]	18.9	25.9	35.2	37.0	34.9	40.6	39.9	39.7	39.7	26 dB	A
	Standard Deviation [dB] [H3]	5.2	3.2	3.3	2.9	2.5	3.6	3.0	2.3	2.5		
Hard hat attachment: MT7H7P3E4010-NA-50 MT7H7P3E4010-CA-50	Mean Attenuation [dB] [H2]	19.4	24.3	33.6	35.5	34.1	38.5	38.0	35.8	35.7	25 dB	A
	Standard Deviation [dB] [H3]	3.4	3.3	3.8	1.7	2.6	3.6	3.1	5.4	5.4		

(I) Radio Channel Frequencies

NOTE:
• Canadian models only have 1-22 channels preprogrammed into the headset
• USA models have all 1-30 channels preprogrammed into the headset

		USA		Canada	
LiteCom Pro II Channel	Frequency (MHz)	Type	Requires FCC License?	Type	Requires IC License?
1	462,5625	FRS 1/GMRS 9	No	FRS 1/GMRS 2	No
2	462,5875	FRS 2/GMRS 10	No	FRS 2/GMRS 4	No
3	462,6125	FRS 3/GMRS 11	No	FRS 3/GMRS 6	No
4	462,6375	FRS 4/GMRS 12	No	FRS 4/GMRS 8	No
5	462,6625	FRS 5/GMRS 13	No	FRS 5/GMRS 10	No
6	462,6875	FRS 6/GMRS 14	No	FRS 6/GMRS 12	No
7	462,7125	FRS 7/GMRS 15	No	FRS 7/GMRS 14	No
8	467,5625	FRS 8	No	FRS 8	No
9	467,5875	FRS 9	No	FRS 9	No
10	467,6125	FRS 10	No	FRS 10	No
11	467,6375	FRS 11	No	FRS 11	No
12	467,6625	FRS 12	No	FRS 12	No
13	467,6875	FRS 13	No	FRS 13	No
14	467,7125	FRS 14	No	FRS 14	No
15	462,5500	GMRS 1	Yes	GMRS 1	No
16	462,5750	GMRS 2	Yes	GMRS 3	No
17	462,6000	GMRS 3	Yes	GMRS 5	No
18	462,6250	GMRS 4	Yes	GMRS 7	No
19	462,6500	GMRS 5	Yes	GMRS 9	No
20	462,6750	GMRS 6	Yes	GMRS 11	No
21	462,7000	GMRS 7	Yes	GMRS 13	No
22	462,7250	GMRS 8	Yes	GMRS 15	No
23	464,5000	PLMR 1	Yes	Not Applicable	Not Applicable
24	464,5500	PLMR 2	Yes	Not Applicable	Not Applicable
25	467,7625	PLMR 3	Yes	Not Applicable	Not Applicable
26	467,8125	PLMR 4	Yes	Not Applicable	Not Applicable
27	467,8500	PLMR 5	Yes	Not Applicable	Not Applicable
28	467,8750	PLMR 6	Yes	Not Applicable	Not Applicable
29	467,9000	PLMR 7	Yes	Not Applicable	Not Applicable
30	467,9250	PLMR 8	Yes	Not Applicable	Not Applicable

(J) Continuous Tone Coded Squelch System (CTCSS)

1. 67 0	8. 88.5	15. 110.9	22. 141.3	29. 179.9	26. 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. 210.9	
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	

(K) Digital Coded Squelch (DCS)

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	

3M™ PELTOR™ LiteCom Pro II Headset

Important Safety Information

Please read, understand, and follow all safety information in these instructions prior to using the 3M™ PELTOR™ LiteCom Pro II Headset. Retain these instructions for future reference.

NOTE: The 3M™ PELTOR™ LiteCom Pro II Headset is designed to meet the regulatory requirements in those jurisdictions in which it is offered. Changes or modifications not expressly approved by 3M Company could void the user's authority to operate the equipment.

You have purchased a two way radio that operates using GMRS and Part 90 frequencies for use within the United States. In the US, the Federal Communications Commission (FCC) requires that you register for a GMRS/Part 90 license, and requires that anyone operating a device on the General Mobile Radio Service (GMRS) and Part 90 obtain a license prior to use.
You can contact your 3M™ PELTOR™ authorized dealer or if dealer is not available in your area you can also apply for a GMRS/Part 90 license online at FCC Universal License System (ULS) web site (http://wireless.fcc.gov/uls/)

WARNING: SPECIAL CONDITIONS FOR INSTRICALLY SAFE USE
The user is responsible for ensuring that the 3M™ PELTOR™ LiteCom Pro II Headset and Accessories are used according to the applicable regulations in explosive environments.
• Substitution of components will nullify the intrinsically safe design.
• Do not use the headsets or accessories in potentially explosive environments if they appear broken or otherwise damaged.
• Only use the 3M™ PELTOR™ ACK08 Battery, and only use the 3M™ PELTOR Power Supply (FR08) and Charger Cable (AL2AH) to charge the battery.
• Only change or charge the battery in a nonhazardous location.

RF Exposure Statement:
The headset antenna must be operated to provide a separation distance of at least 4cm from the head and must not be co-located or operating in conjunction with any other antenna or transmitter.

WARNING:
• If the information and recommendations contained herein are not adhered to, the protection afforded by the headset will be severely impaired.
• Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed instructions for proper fit.
• Misuse or failure to wear hearing protection at all times when exposed to hazardous noise may result in hearing loss or injury.

CAUTION:
• Hearing protectors should be used in conjunction with a hearing conservation program that also includes monitoring, audiometric testing, training and recordkeeping. Consult an Occupational Health and Safety professional for more information.
• When worn according to the User Instructions, this hearing protector helps reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit www.3M.com/hearing.

This device complies with Industry Canada's license-exempt RSS's. Operation is subject to the following two conditions:
(1) This device may not cause interference; and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: The 3M™ PELTOR™ LiteCom Pro II Headset is integrated with a radio transmitter. Radio frequencies are subject to the rules and regulations of the Federal Communications Commission (FCC) and Industry Canada (IC), and many radio frequencies require a license from the FCC and/or IC prior to operating the radio transmitter. **The user/operator is responsible for contacting the FCC and/or IC and obtaining any necessary licenses prior to using the built-in two-way communication radio.**

3M™ PELTOR™ LiteCom Pro II Headset
Congratulations and thank you for choosing the 3M™ PELTOR™ LiteCom Pro II Headset. The LiteCom Pro II headset is a hearing protector with a built-in, programmable two-way communication radio, a level dependent function for environmental listening, and a port to connect external equipment.
The models described in this manual are certified as Intrinsically Safe (IS). For further information and instructions on the use within IS areas, please refer to the 3M™ PELTOR™ LiteCom Pro II Headset IS Technical Data Sheet.

1. COMPONENTS
MT7H7F4010-**
(A:1) Headband (Stainless steel, Leather)
(A:2) Headband wire (stainless steel)
(A:3) Guide (POM)
(A:4) Ear cushion (PVC foil and PUR foam)
(A:5) Foam liner (PUR foam)
(A:6) Cup
(A:7) Environmental microphone
(A:8) Dynamic communications microphone
(A:9) Antenna
(A:10) External input/output
(A:11) Li-ion battery (rechargeable)
(A:12) On/Off/Mode button
(A:13) [+] button
(A:14) [–] button
(A:15) PTT button

MT7H7P3E4010-**
(A:16) Cup supporting arm (stainless steel)

MT7H7B4010-**
(A:17) Neckband wire (stainless steel) (A:18) Neckband cover (POX)

2. FITTING AND ADJUSTMENT
The noise reduction may be lower when eyeglasses, goggles or respirator straps are worn between the sealing surface of the earmuff cushions and the sides of the wearer's head. For best noise reduction, select eyeglasses or goggles that have thin, flat temples or straps which will minimize interference with the seal of the earmuff cushions. Pull long hair back to the extent possible and remove other items that may degrade the earmuff seal such as pencils, hats, jewelry or earbuds.

Do not bend and reshape the headband as this will cause a loose fit and allow sound leakage.

2:1 Headband model (Fig. B)
(B:1) Expand the headband
(B:2) Slide out the cups and make sure that the cable is on the outside of the headband.
(B:3) Place headset on top of your head and adjust the height of the cups by sliding them up or down while holding the headband in place. Each earmuff should be positioned so it surrounds the ear entirely.

(B:4) The headband should be positioned across the top of your head.

2:2 Hard hat attachment model (Fig. C)
(C:1) Insert the hard hat attachment in the slot on the hard hat and snap it into place (C:2).
(C:3) Make sure that the cable is on the outside of the headband.
(C:4) Usage position: Press the headband wires inwards until you hear a click on both sides. Each cushion should be positioned so it surrounds the ear entirely. Make sure that the cups and the headband wires do not press on the edge of the hard hat as this can cause noise leakage.
(C:5) Stand by position: Snap earmuffs out to allow ventilation.
(C:6) Avoid placing the cups against the hard hat as it will stress on the hard hat attachment and prevent the earmuffs from drying. When the hard hat is not in use, place the cups in work mode.

Note: In Canada, users of hard hats combined with earmuffs must refer to CSA Standard Z94.1 on industrial protective headwear.

2:3 Neckband (Fig. D)
(D:1) Place the cups in position over the ears.
(D:2) Keep the headset in position and place the head strap on top of your head and lock it tight in position.
(D:3) The head strap should be positioned across the top of your head.

2:4 Microphone (Fig. E)
(E:1 & E:2) To maintain optimal audio quality and noise cancelling performance, the communications microphone should be positioned very close to your mouth (3mm or 1/8in).

2:5 Replacing the hard hat attachment plate (Fig. F)
The P3K hard hat attachment is included and fits a wide selection of hard hats. If the P3K attachment does not fit on your hard hat, contact 3M Technical Support or an authorized dealer for alternative attachment plates. To remove the attachment plate:
(F:1) Use a screwdriver to remove the screw holding the plate.
(F:2) Insert the new plate and tighten the screw.

3. USAGE/FUNCTIONS
3:1 Inserting and removing the battery
Insert the rechargeable battery in the battery compartment and push down the clamp to lock it into place. The battery level is indicated by a voice message in the headset upon startup. A "low battery" message indicates only a few minutes of battery life remains and the unit will automatically switch off. To remove the battery, make sure the unit is powered off. Push the clamp upwards to unlock the battery.

3:2 Recharging the battery
Make sure the unit is switched off. The battery can be charged on the headset or it can be removed and charged separately.

3.3 Switching the headset on and off

Push and hold the On/Off/Mode button (A:12) 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 On/Off/Model button will flash when the unit is powered on. The current settings are saved when the headset is switched off. The automatic power-off time of two hours (factory default) but can be configured by a 3M Service Technician or an authorized dealer. 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 will power off. The automatic power off can be aborted by pushing a button or by using VOX.

3:4 Menu

Briefly push the On/Off/Mode button (A:12) to browse through the following menu options:

3:4.1 Surround volume

Push the + or the – button to adjust the environmental sound volume. There are five volume levels, with level five allowing a maximum of 82 dB(A). To switch this function off, push the – button for two seconds. Push the + button to switch the function back on again.

3:4.2 Radio volume

Push the + or the – button to adjust the two-way radio sound level. There are five volume levels. To switch this function off, push the – button for two seconds. Push the + button to switch this function back on again.
NOTE: When the volume is switched off, no radio communication can be heard and all the radio configurations menus are hidden.

3:4.3 Channel

Push the + or the – button to change the radio channel.

3:4.4 VOX

VOX, or voice operated transmission, is a hands-free feature that enables radio transmission without having to push a PTT button. The VOX feature will open the radio channel upon vocalization and close the radio channel when no speech is detected (the speech microphone must be placed close to your mouth (D:2)). There are five VOX levels plus it can be turned off. Push the + or the – button to adjust the VOX level. The VOX level defines the acoustic threshold that activates the radio transmission. Use the lower VOX levels for quieter environments and higher VOX levels for louder environments. To switch the VOX function off, push the – button for two seconds or push the PTT button twice. Push the + button to switch the VOX function back on. The radio has a BCLO (Busy Channel Lock Out) function that prevents VOX operation if the channel is being used for another transmission. A tone indicates that the channel is currently being used.

3:4.5 Squelch

Squelch is a function that reduces the hiss or static noise that may be heard during the two-way radio communication. Push the + or the – button to adjust the squelch level. There

are five levels plus it can be turned off. As the squelch level is increased, there will be greater suppression of static noise, but consequently the range of communication will be reduced. Conversely, a lower squelch level provides less static noise reduction but will increase the range of communication. To switch this function off, push the – button for two seconds. Push the + button to switch this function back on.

3:4.6 Sub-channel (Canada only)

Sub-channels (selective squelch) use unique inaudible tones that serve as a passkey, thus limiting what you hear to radios with the same sub-channel setting. The advantage of sub-channels is that they can be used to set up multiple private groups within a single channel. However, it's important to note that only one person can transmit on a single channel at any given time. Therefore, if anybody is transmitting on the channel, all sub-channels will be blocked during that time. BCLO (Busy Channel Lock Out) will prevent transmission on a busy channel. Push the + or the – button to turn the sub-channel on or off. This product supports Continuous Tone Coded Squelch System (CTCSS) and Digital Coded System (DCS).

3:4.7 Power

The built-in two-way radio has three output power levels: High, Medium and Low. A higher output power level increases the range of radio communication but will consequently decrease the battery life. Use the + or the– buttons to select the output power level. A voice message confirms the new setting.

3:4:8 Language
Choose your prefered language by pushing + or -.

3:5 PTT (Push-To-Talk)

The PTT button is used to manually control the two-way radio transmission. Push the PTT button when you intend to transmit.

4. MAINTENANCE
4:1 Replacing the ear cushions (Fig. G)

(G:1) Slide your fingers under the edge of the ear cushion and pull straight out.
(G:2) Insert the new foam and ear cushion
(G:3). Fit one side of the new ear cushion into the groove of the earcup and then press on the opposite side until it snaps into place.

4:2 Cleaning

It is a best practice to remove the ear cushions (see 4:1) if you have been wearing the earmuffs 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. Allow the headphones to dry completely before using them again. With heavy use, it is recommended that the ear cushions are replaced at least twice a year.
NOTE: Do not immerse the hearing protector in water.

4:3 Use and storage conditions

Use Conditions: Do not use the hearing protector at temperatures below -4°F (-20°C) or above 122°F (50°C).

Storage Conditions: Remove the batteries before storing the product. Do not store the hearing protector at temperatures below -4°F (-20°C) or above 131°F (55°C), for example on a car dashboard, parcel shelf or window sill.

4:4 Configuration
Much of the internal programming and default settings of the LiteCom Pro II headset can be adjusted. Contact a 3M Service Technician or an authorized dealer.

5. TECHNICAL DATA
5:1 Supporting Information required by the U.S.A. EPA: Title 40 CFR Part 211 (Table H)
H1. Test frequencies
H2. Mean attenuation
H3. Standard deviation
The level of noise entering a person's ear, when hearing protector is worn as directed, is closely approximated by the difference between the A-weighted environmental noise level and the NRR. Example:
1. The environmental noise level as measured at the ear is 92 dB(A).
2. The NRR is 25 decibels (dB).
3. The level of noise entering the ear is approximately equal to 67 dB(A).

CAUTION:
• For noise environments dominated by frequencies below 500 Hz the C weighted environmental noise level should be used.
• Although hearing protectors can be recommended for protection against the harmful effects of impulsive noise, the noise reduction rating (NRR) is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulsive noise such as gunfire (wording required by EPA).

NOTE: 3M recommends fit testing of hearing protectors. If NRR is used to estimate typical workplace protection, 3M recommends that NRR be reduced by 50% or in accordance with applicable regulations.

6. ACCESSORIES AND SPARE PARTS
3M™ PELTOR™ HY79 Hygiene Kit
Hygiene kit consisting of two foam pads, two foam rings and snap- in ear cushions.

3M™ PELTOR™ HY100A Clean – Single-Use Protectors
Single-use protector for the ear cushions. Package of 100 pairs.

3M™ PELTOR™ HYM1000 Mike Protector
Moisture and wind-tight tape. Protects the speech microphone. Package of 16.4 feet for about 50 replacements.

3M™ PELTOR™ M995 Wind Shield
Wind noise protector for MT53-type speech microphones. One per package.

3M™ PELTOR™ M40/1 Wind Shield for MT7-type speech microphones
Wind noise protector for MT7-type speech microphones. One per package.

3M™ PELTOR™ M60/2 Wind Shield for ambient microphones Wind noise protector for ambient sound microphones. One pair per package.

3M™ PELTOR™ FL5602-50 External PTT Adapter
Intrinsically Safe Push-To-Talk button with connection cable.

3M™ PELTOR™ ACK08 Battery
Intrinsically safe Li-Ion battery.

WARNING: The following accessories MUST NOT be connected or disconnected in a potentially explosive environment.

3M™ PELTOR™ MT53N-12 Electret Microphone
Microphone boom with electret differential microphone.

3M™ PELTOR™ MT7N-02 Dynamic Microphone
Microphone boom with dynamic differential microphone.

3M™ PELTOR™ MT90-02 Throat Microphone Dynamic throat microphone.

NOTE: Use of any other type of microphone other than the original model requires re-programming of the LiteCom headset. Contact the 3M Service Technician or an authorized dealer for more information.

WARNING: The following accessories MUST NOT be used in a potentially explosive environment.

3M™ PELTOR™ FR08 Power Supply
Power supply for the PELTOR ACK08-50 battery.

3M™ PELTOR™ AL2AH Battery Charge Cable
Cable for use when charging battery ACK08-50.

3M™ PELTOR™ FL6CS Connecting Cable
2.5 mm stereo connector, listen only.

3M™ PELTOR™ FL6CT Connecting Cable
3.5 mm stereo connector, listen only.

3M™ PELTOR™ FL6BT Connecting Cable
3.5 mm mono connector for use with a communication radio.

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

7. WARRANTY AND LIMITATION OF LIABILITY
NOTE: The following statements do not apply in Australia and New Zealand. Consumers should rely on their statutory rights.

WARRANTY: In the event any 3M Personal Safety Division product is found to be defective in material, workmanship, or not in conformity with any express warranty for a specific purpose, 3M's only obligation and your exclusive remedy shall be at 3M's option, to repair, replace or refund the purchase price of such parts or products upon timely notification of the issue by you and substantiation that the product has been stored, maintained and used in accordance with 3M's written instructions. EXCEPT WHERE PROHIBITED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OF QUALITY, OR THOSE ARISING FROM A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE, EXCEPT OF TITLE AND AGAINST PATENT INFRINGEMENT. 3M has no obligation under this warranty with respect to any product that has failed due to inadequate or improper storage, handling, or maintenance; failure to follow product instructions; or alteration or damage to the product caused by accident, neglect, or misuse.

LIMITATION OF LIABILITY: EXCEPT WHERE PROHIBITED BY LAW, IN NO EVENT SHALL 3M BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGES (INCLUDING LOST PROFITS) ARISING FROM THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ASSERTED. THE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.

Important Notice
3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

NOTICE: This radio is intended for use in occupational/controlled conditions, where users have full knowledge of their exposure and can exercise control over their exposure to meet FCC limits. This radio device is NOT authorized for general population, consumer, or any other use.

This 2-way radio uses electromagnetic energy in the radio frequency (RF) spectrum to provide communications between two or more users over a distance. It uses radio frequency (RF) energy or radio waves to send and receive calls. RF energy is one form of electromagnetic energy. Other forms include, but are not limited to, electric power, sunlight and x-rays. RF energy, however, should not be confused with these other forms of electromagnetic energy, which when used improperly can cause biological damage. Very high levels of x-rays, for example, can damage tissues and genetic material.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IC Caution:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
 (1) this device may not cause interference, and
 (2) this device must accept any interference, including interference that may cause undesired operation
    of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne
doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

The device been tested is compliance with RF field strength limits, users can obtain Canadian information on RF exposure and compliance.The minimum distance from body to use the device is 4cm.
Le présent appareil est conforme
Après examen de ce matériel aux conformité ou aux limites d'intensité de champ RF,
les utilisateurs peuvent sur l'exposition aux radiofréquences et la conformité and compliance d'acquérir
les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 4cm.