

3M

PELTOR™

WS™ ADAPTER G3

WS™ ADAPTATEUR G3



Bluetooth®

Quick guide/Guide rapide

Figure 1

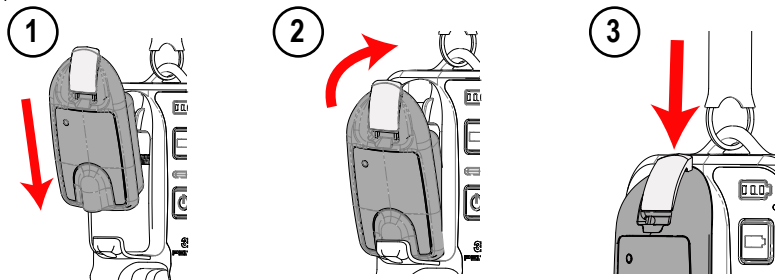


Figure 2

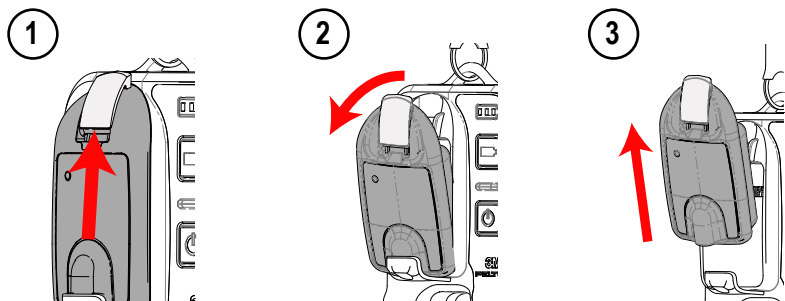


Figure 3

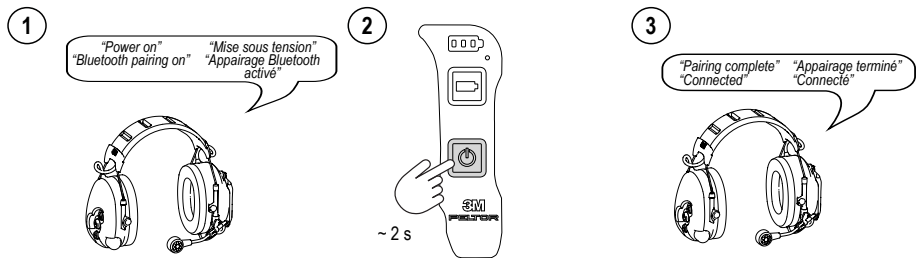


Figure 4

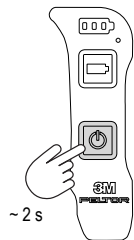
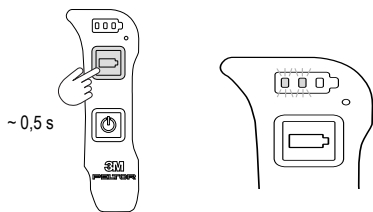


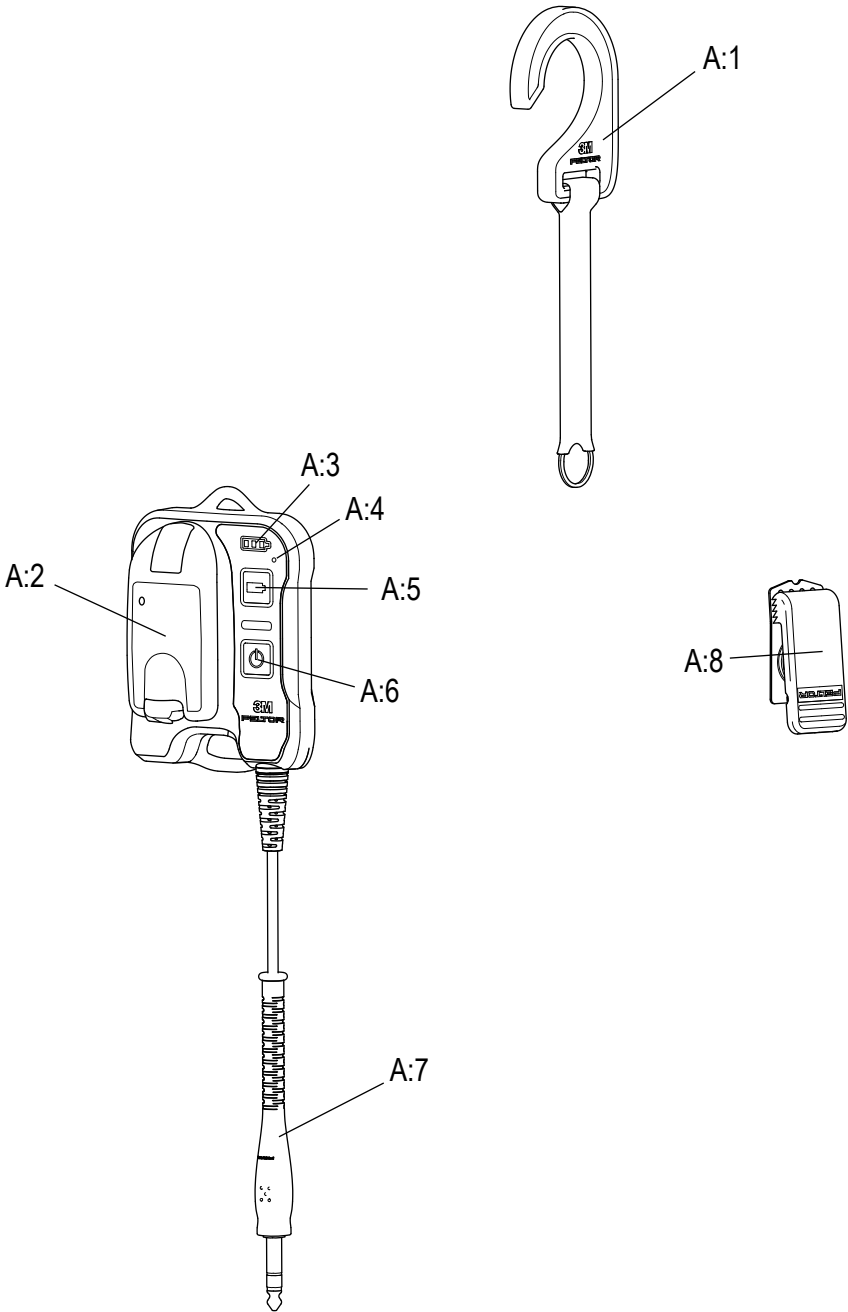
Figure 5



	~190 - 170 h*
	~169 - 90 h*
	~89 - 20 h*
	~19 h > 0h*

*ACK081B

A) Components/Composants



3M™ PELTOR™ WS™ ADAPTER G3

3M™ PELTOR™ WS™ ADAPTATEUR G3

EN	1-5
BG	6-10
CZ	11-15
DE	16-20
DK	21-25
EE	26-30
ES	31-35
FI	36-40
FR	41-45
GR	46-50
HR	51-55
HU	56-60
IS	61-65
IT	66-70
KZ	71-75
LT	76-80
LV	81-85
NL	86-90
NO	91-95
PL	99-100
PT	101-105
RO	106-110
RS	111-115
SE	116-120
SI	121-125
SK	126-130
TR	131-135
UA	136-140

3M™ PELTOR™ WS™ ADAPTER G3 FL61007-WS7

1. INTRODUCTION

Congratulations and thank you for choosing this communication solution.

1.1. INTENDED USE

This adapter allows the user to communicate with built-in Bluetooth technology to 3M PELTOR Bluetooth headsets. It is expected that users read and understand the provided user instructions to become familiar with the use and operation of these devices.

3M PSD products are occupational use only. In Europe, some 3M PELTOR products may also be appropriate for certain non-work uses. Always read and follow User Instructions.

2. SAFETY

2.1. IMPORTANT

Please read, understand, and follow all safety information in these instructions prior to use. Retain these instructions for future reference. For additional information or any questions, contact 3M Technical Services. (Refer to contact information listed on the last page of this manual).



WARNING

Failure to follow these instructions may result in serious injury or death:

- To reduce the risks associated with igniting an explosion, do not use this product in a potentially explosive atmosphere.

2.2. CAUTION

- Risk of explosion if battery is replaced by an incorrect type.
- Do not charge batteries in temperatures above 45°C (113°F).
- Only use 3M PELTOR Power Supply FR08 when recharging the battery.
- With Lithium ion batteries, there is a risk of fire and burns. Do not open, crush, heat above 55°C (131°F), or incinerate.
- Always use product-specific 3M replacement parts. Use of unauthorized replacement parts may reduce the protection you receive from this product.
- Obey the instructions given in this manual. Tampering with the product might void the IP54-approval of this product.

2.3. NOTE

- Operating temperature range: -20°C (-4°F) to 50°C (122°F).
- Attention – Product imagery is for illustration only.

3. APPROVALS

All the approvals referred in this section might not apply to your product. If some approvals do not apply to your product, this can be seen on the label(s) on the product.

3.1. EUROPEAN APPROVALS

EU

Hereby, 3M Svenska AB declares that the Bluetooth communication is in compliance with Directive 2014/53/EU and other appropriate directives to fulfill the requirements for the CE marking.

Europe

The applicable legislation can be determined by reviewing the Declaration of Conformity (DoC) at www.3m.com/peltor/doc. The DoC will show if other approvals are also applicable. When retrieving your DoC, please locate your part number. The part number of your adapter can be found on the back side of the adapter. An example can be seen in the picture below.



A copy of the DoC and additional information required in the Regulations and Directives can also be obtained by contacting 3M in the country of purchase. For contact information, see the last pages of this user instruction.

3.2. FCC AND ISED INFORMATION

This device complies with Part 15 of the FCC rules and ISED Canada license-exempt Radio Standards Specifications.

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.

NOTE: This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation distance between the two interfering devices.
- Consult 3M Technical Services.

CAN ICES-3 (B)/NMB-3(B)

FCC ID: Y9ZFL61007WS7
IC: 4406A-FL61007WS7

This portable device with its antenna complies with FCC/ISED

RF Exposure limits for general population /uncontrolled exposure. Changes or modifications to the equipment not expressly approved by 3M Company could void the user's authority to operate the equipment.

4. OVERVIEW

4.1. A) COMPONENTS

(Figure A)

- A:1 Safety hook with strap
- A:2 Rechargeable Li-Ion battery
- A:3 Battery status LED indicator
- A:4 Bluetooth status LED indicator
- A:5 Battery check button
- A:6 Power button
- A:7 Aircraft connector
- A:8 Rotatable clip

5. SETUP

5.1. GENERAL

The following points cover the main actions to make the product ready for operation.

5.2. INSTALL/REMOVE BATTERY

(Figure 1 and 2)

The battery pack shall be recharged when operation time has become insufficient.

5.2.1. INSTALL THE BATTERY PACK

(Figure 1)

1. Place the battery pack in the battery compartment.
2. Gently press down the latch until the battery pack locks in position.

5.2.2. REMOVE THE BATTERY PACK

(Figure 2)

1. Unlatch the battery pack and tilt it gently outwards.
2. Lift the battery pack up from the battery compartment.

5.2.3. CHARGE BATTERY

(Figure 1 and 2)

NOTE: ACK081B battery pack is delivered in "shipping mode" to reduce self-discharge and will not start until the charger is attached. When the red LED lights up, the battery pack is turned on and charging starts.

Allow charging to be completed before the battery is installed in a product. Charging is completed when the LED turns green.

1. Remove the battery from the adapter as described above.
2. Connect the charger plug at the bottom of the battery pack to the power supply.
3. Unplug the charger from the battery pack and reinstall the battery in the adapter again.

Battery	Approved charging cable	Charging time	Capacity	Operating time	Power supply for charging
ACK081B	AL2AI	~4 hours	3.7V, 2150mAh, 8Wh	~190 hours	Only PELTOR FR08 charger
ACK081	AL2AI AL2AH	~3 hours	3.7V, 1850mAh, 6.7Wh	~114 hours	Only PELTOR FR08 charger

6. OPERATING INSTRUCTIONS

(Figure 3)

1. Start the headset.

NOTE: If the headset has not been connected to this WS Adapter G3 earlier, the headset must be set in Bluetooth pairing mode. Refer to the corresponding User Instruction.

2. Press and hold the power button (A:6) for ~2 seconds.

The battery indicator (A:3) shows current status for approximately ~5 seconds during power on.

3. The adapter starts up and will start to connect or initiate Bluetooth pairing immediately.

4. a. If the adapter has no stored paired device in the memory (the adapter can only store one device), it will start pairing for up to 3 minutes. The Bluetooth status indicator (A:4), will flash blue with a fast pace during the pairing attempt. If pairing fails the adapter will power off after 3 minutes.
- b. If the adapter has a stored paired device in the memory, the Bluetooth status indicator (A:4) lights blue during start up and will flash red when searching for the last connected headset. The search may continue for up to 30 minutes and the adapter will power off when this time has elapsed.

5. When connection is successfully established, the Bluetooth status indicator (A:4) will flash blue with a slow pace.

6.1. MANUAL PAIRING/RESET

Manual pairing/reset is required when switching to an unpaired headset.

1. Make sure the headset is in pairing mode, refer to the corresponding User Instruction.
2. Press and hold the power button (A:6) for ~10 seconds. The adapter starts up and will initiate Bluetooth pairing. The Bluetooth status indicator (A:4) lights blue during start up and will start flashing blue with a fast pace during the pairing attempt. If pairing fails the adapter will power off after 3 minutes.
3. When connection is successfully established, the Bluetooth status indicator (A:4) will flash blue with a slow pace.

Bluetooth status indicator	Description
Solid blue	Starting up.
Flashing blue, fast pace	Attempting Bluetooth pairing.
Flashing blue, slow pace	Pairing successfully completed.
Flashing red	Pairing failed or link lost.

6.2. POWER OFF

Press and the hold power button for approximately 2 seconds.

The indicator light (A:4) will turn off.

The battery indicator (A:3) shows current status for approximately ~2 seconds during power off.

6.3. AUTOMATIC POWER OFF

The adapter will power off automatically after 30 minutes if:

- no headset was connected within this time.
- a Bluetooth link was lost.

6.4. BATTERY CHECK

The battery status can be checked any time, even if the adapter is off.

Press the battery check button (A:5). The indicators will light up and remain on for 5 seconds after releasing the button.

The battery LED bars (A:3) indicate the current battery status. See battery status indicators in the table below.

Battery status indicator	Description
3 green bars	The battery is fully charged. Operation time estimation between: 190 h and 170 h.*
2 green bars	Operation time estimation between: 169 h and 90 h.*

1 green bar	Operation time estimation between: 89 h and 20 h.*
Left green bar is flashing	Low battery. Battery needs to be charged or replaced immediately.

NOTE: The battery capacity may be reduced when the environmental operation temperature is decreased.

7. TROUBLESHOOTING

Problem	Possible Issue/Solution
I hear crackling noises during communication. You should be able to have up to 10 meters of distance between the adapter and the connected headset if within line of sight (i.e. no walls etc).	Poor battery.
	Object in the path between adapter and headset.
	Too far distance.
	Interference from other devices.
Bluetooth pairing failed.	Misconduct in wire/plug.
	Ensure that the Bluetooth headset and the adapter is in pairing mode.
The battery goes low fast.	Make a manual pairing/reset on the adapter according to section "6.1. Manual pairing/Reset" to create a new pairing.
	Poor battery.
The product cannot be started though the battery pack is charged.	The battery capacity may be reduced when the environmental operation temperature is decreased.
	Start by wiping the contact terminals, this solves the problem in most cases.
	If cleaning does not help, remove the battery from the product. Connect a charging cable to restart the battery pack. When the red LED lights up, the battery pack has restarted and can be used.

8. CLEANING AND MAINTENANCE

- Carry out a visual battery condition check. Replace if battery leakage or defects are detected.
- Wipe the product with a lightly damp cloth. Keep the battery cap and sockets free from dirt and other debris.

9. SPARE PARTS AND ACCESSORIES

Not all spare parts and accessories may be available in all markets.

Name	Type
FE0352	Safety hook with strap
TKD5005/SP	Clips
ACK081B/1	Battery pack
DE0228	Warning flag

For more information about spare parts and accessories, please contact 3M Technical Services. Refer to contact information listed on the last page of this manual.

10. STORAGE AND DISPOSAL

10.1. STORAGE

- Clean the product before storage.
- Store the product in a clean and dry area before and after use.
- Always store the product in the original packaging and away from any sources of direct heat or sunlight, dust and damaging chemicals.
- Examine the product for wear or damage.
- Storage temperature range: -20°C (-4°F) to 40°C (104°F).
- Relative humidity: <90%.

NOTE: Remove the batteries when storing the product for long periods of time.

11. SYMBOLS

This chapter is general and explains the meaning of different symbols that can be found on labels, packaging, and/or on the product itself.

Symbol	Description
	Keep away from rain and keep in dry conditions (max 90% humidity).
	The maximum and minimum temperature limits at which the item shall be stored.

Symbol	Description
	Information that relates to the operating instructions. The operating instructions should be considered when operating the device.
	Caution is necessary when operating the device. The current situation needs operator awareness or operator action to avoid undesirable consequences.
	The country of manufacture of products. The "CC" shall be replaced by the two-letter country code CN = China, SE = Sweden or PL = Poland (ISO 3166-1). Date of manufacture is specified as YYYY/MM.
	The manufacturer of a product.
	WEEE (Waste of Electrical and Electronic Equipment). The product contains electrical and electronic components and must not be disposed of using standard refuse collection. Please consult local directives for disposal of electrical and electronic equipment.
	Recycling Symbol. Recycle this product at a recycling station for electrical and electronic equipment.

12. WARRANTY AND LIMITATION OF LIABILITY

NOTE: The following statements do not apply in Australia and New Zealand. Consumers should rely on their statutory rights.

12.1. 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 OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY OR CONDITION 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.

12.2. 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.

12.3. NO MODIFICATION

Modifications to this device shall not be made without the written consent of 3M Company. Unauthorized modifications may void the warranty and the user's authority to operate the device.

13. DISPOSAL

13.1. BATTERY DISPOSAL

Many rechargeable batteries are required to be recycled by local, state/province, and national laws. To properly recycle/dispose of the battery or battery pack, always follow local solid waste disposal regulations. Additionally in the United States and Canada, 3M Company is partnering with Call2Recycle (RBRC) to provide recycling service to you to help ensure that the rechargeable batteries within our products are recycled properly. To assist you in using this service call the Call2Recycle battery recycling information help line at 1-800-8-BATTERY (1-800-822-8837) or consult Call2Recycle's battery recycling guidance online at www.call2recycle.org.



13.2. ELECTRONIC WASTE DISPOSAL

Device is to be disposed of in accordance with local laws and regulations.

Australia: Customers must refer to their Local Council Municipal area for disposal of electronics at their end of life.
New Zealand: Customers must dispose of electronics at their end of life in their local e-waste disposal bins.

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