

3M Science.
Applied to Life.™

Clear communication right out of the gate.

Enhance safety
and streamline
communications during
aircraft movement and
ground operations

3M Personal Safety Solutions
for Aerospace



PELTOR™
Protection & Communication

Stay connected and safe during the move

3M™ PELTOR™ WS™ Enabled Headsets for ground communication, featuring **NEW 3M™ PELTOR™ WS™ Adapter G3, Ground Mechanic** for aircraft pushback operations

**Stay connected.
Protected.
Productive.**

We understand how challenging ground operations can be, especially when it comes to keeping your team connected. That's why we developed an innovative wireless system to help your crews communicate effectively and protect their hearing while staying aware of their surroundings – even difficult weather conditions.

3M PELTOR WS enabled headsets protect against hazardous noise while maintaining auditory environmental awareness. Combined with the new PELTOR WS Adapter G3, they also create a seamless, wireless link between pilot and ground crew. All with no tethered cables, helping reduce the risk of trips, falls or damage on the runway.

Applications

- Pushback
- Wing walking
- Maintenance
- Tow crews
- De-icing
- Fueling
- Cargo and baggage handling

Hands-free, wireless protective communications

Environmental listening technology helps workers hear what matters while helping to protect against hazardous noise.



3M™ PELTOR™ WS™ LiteCom Pro III Headset

Wireless tug-to-plane
(with wingwalkers) and
flexible boom microphone



3M™ PELTOR™ WS™ ProTac XPI Communication Headset

Wireless tug-to-plane
(no wingwalkers)

Both headsets are
compatible with the new

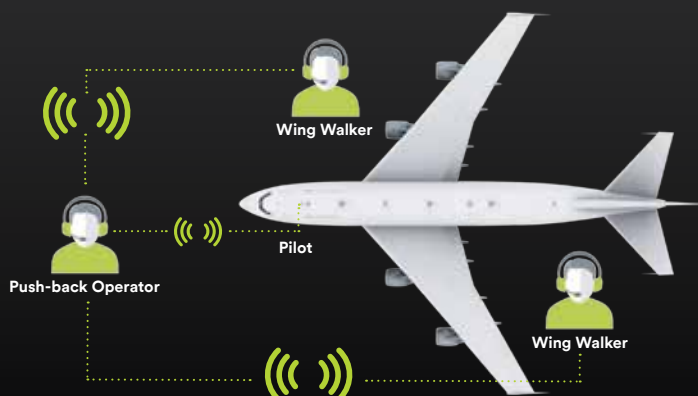
3M™ PELTOR™ WS™ Adapter G3, Ground Mechanic



Lightweight and compact,
fitting easily into a pocket
when not in use – no
tethered cables needed



FL61007-WS7
Wireless tug-to-plane
(no wingwalkers)



Protective communications
work their best when all the
parts are designed to work
together from the ground up.

New!

3M™ PELTOR™ WS™ Adapter G3



Sound

- Enhanced sound quality with wideband audio, providing a more natural sound and better perception in noisy environments
- Lower latency and enhanced duplex function help minimize echo and optimize performance
- New voice guide alerts the pilot if the ground crew loses connection with the aircraft, enhancing safety and communication reliability



Battery

- Rechargeable battery pack
- Capacity of up to 190 hours of continuous operation
- Eliminates the need for disposable batteries and contributes to a more sustainable solution



Design

- Newly designed IP54 certified casing for durability and ease of use
- User-friendly and intuitive: 2-button operation, voice guide, and clear LED status indication



Connection & Cables

- Newly developed connector strain relief with an enlarged grip area, ensuring easy disconnection even when wearing winter gloves
- Extended cable length accommodates wide-body aircraft, providing flexibility in various attachment points



Safety

- Newly designed safety hook attached via a double looped nylon strap for extra security
- Reduced risk of adapter falling off the aircraft body, resulting in lost communication



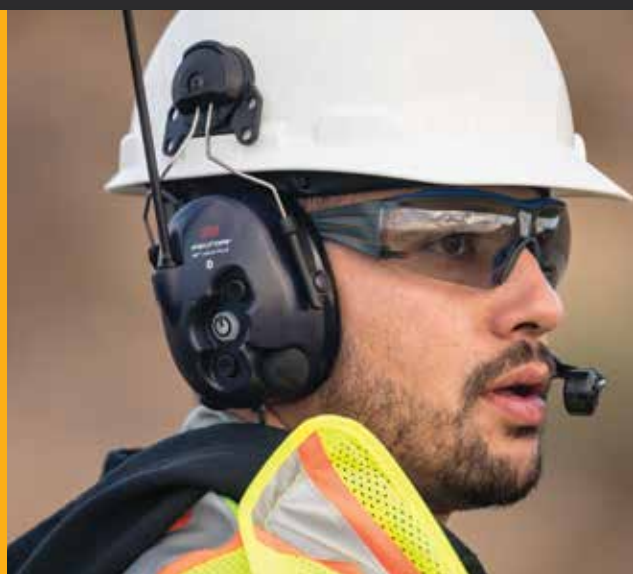
Bluetooth® Connection

- Integrated Bluetooth® technology brings you a safe and reliable wireless connection so your ground crews don't lose communication during critical tasks



PELTOR™
Protection & Communication

3M PELTOR continues to be a leader in the industry with innovative solutions that prioritize safety, reliability, and ease of use. Compatible **3M™ PELTOR™ WS™ ProTac XPI and WS™ LiteCom Pro Headsets provide hearing protection** with environmental listening capabilities, to help ground mechanics stay aware of their surroundings.



Ordering Information

3M™ PELTOR™ Protective Communications



3M™ PELTOR™
WS™ LiteCom
Pro III Headset



3M™ PELTOR™
WS™ ProTac XPI
Headset

Part Number	Description
7100280364	3M™ PELTOR™ WS™ LiteCom Pro III Headset, Flexi-mic, Headband
7100195906	3M™ PELTOR™ WS™ ProTac XPI Headset, Headband, FLX2
7100196045	3M™ PELTOR™ WS™ ProTac XPI Headset, Headband
HY83	Replaceable hygiene kit
HYM1000	Mic hygiene tape

3M™ PELTOR™ WS™ Adapter G3, Ground Mechanic



3M™ PELTOR™ WS™ Adapter
G3 Ground Mechanic

Part Number	Description
FL61007-WS7	3M™ PELTOR™ WS™ Adapter G3 Ground Mechanic
TKD5005/SP	Clip
DE0352/SP	Safety hook
DE0228/1	“REMOVE BEFORE FLIGHT” flag
ACK081B/1	Rechargeable battery pack
AL2AI/SP *	USB Charging cable *
FR08 *	5V SELV USB Power supply *

* Not included in the box. Sold separately.



Working together.

Your crews need PPE that doesn't get in the way of efficient aircraft movement and ground operations or seamless communication. That's why 3M's PPE options work together to help your workers stay protected.

Additional resources, such as 3M's Center for Hearing Conservation, fit testing and on-site training, can further support your crew every step of the way.

**Contact your
3M sales rep
to request a
demonstration**

Hearing and Protective Communications

	Application	Product	Part Number
	Plane positioning (Move Team); Engine testing and overhaul	3M™ E-A-Rsoft™ Yellow Neons™ Earplugs	Corded and Uncorded Options Available
		3M™ PELTOR™ X4 Earmuffs	X4A
		3M™ E-A-R™ One Touch™ Pro Earplug Dispenser, Blue	391-0000
		3M™ PELTOR™ Electronic Earplug, EEP-100	EEP-100

Respiratory Protection*

	Application	Product	Part Number
	Paint, prime and strip	3M™ Secure Click™ Full Facepiece Reusable Respirator (available in multiple sizes)	FF-802
		3M™ Aura™ Particulate Respirator 9211+, N95	9211

Head, Eye and Face Protection

	Application	Product	Part Number
	Heavy check (C&D) inspections	3M™ SecureFit™ 500 Series Safety Glasses	Options available
		3M™ SecureFit™ X5000 Series Safety Helmets	Options available
		3M™ W Series Face Shields & Visors	Options available

Fall Protection

	Application	Product	Part Number
	Heavy check (C&D) inspections	3M™ DBI-SALA® Delta™ Safety Harness	Options available
		3M™ DBI-SALA® Sealed-Blok™ Self Retracting Lifelines	Options available
		3M™ DBI-SALA® FlexiGuard™ Freestanding Ladder System	8517717
		3M™ DBI-SALA® Mobi-Lok™ Vacuum Anchor	Options available

*For respiratory protection, the appropriate cartridge/filter must be chosen according to all applicable regulations.



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Customer Service 1-800-328-1667
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This document shows only a few options of personal protective equipment (PPE) and is not comprehensive. Some environments or situations might require different or additional PPE. Selecting PPE is the responsibility of the employer and must be based on the work environment, specific hazards, and tasks involved. For information on personal protective equipment, please visit 3M.com/workersafety or contact 3M PSD Technical Service at 1-800-243-4630.

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