



# Aviation Solutions

Whether the ground is 32,000 feet below you or you push an A380 with a weight of 560 tonnes, you can't afford to have anything go wrong.

Perfect communication, convenient design, low weight and maximum comfort are essential requirements of a headset in a noisy aviation environment, in the air and on the ground.



# Peltor™ WS™ XP & WS™ ProTac™ XP Ground Mechanic Headsets

The Peltor Ground Mechanic WS XP Headset and ProTac XP Headset are hearing protectors that feature Bluetooth technology. The Bluetooth connection between headset and adapter ensures an efficient and safe push back. The headset provides effective noise attenuation when sound level is high.

- Wireless connection to WS Ground Mechanic adapter using Bluetooth™ technology
- DSP (Digital Signal Processor)
- Supports Bluetooth A2DP profile for streaming high quality stereo sound
- VOX (Voice Operated Transmit)
- Cockpit notification and connection control
- The headset and adapter can be up to 10 metres apart and out of visible range without losing contact
- Volume and PTT (push to talk) buttons are on the shell
- High-attenuating shells with optimised acoustic design, spacial ear cups offer great sound quality and comfort
- Dynamic speech microphone with effective noise compensation for clear and reliable communication
- Socket for an External PTT
- Wireless connection to WS5 Ground Mechanic adapter using Bluetooth™ technology "FL6007-WS5 GB".
- WS ProTac XP includes Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals



MT7H7AWS5-01 GB



MT15H7AWS5-01 GB



FL5602



FL6007-WS5 GB

### Listen Only

Two Way Comms	✓
Level Dependent*	✓
Built in Comms	
Bluetooth	✓
AM/FM	
Intrinsically Safe	
MP3	

\* Level dependent only applies to WS Protac XP

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
WS XP	MT7H7AWS5-01 GB	Head Band	345	5	30dB	
WS ProTac XP	MT15H7AWS5-01 GB	Head Band	345	5	30dB	
Ground Mechanic, WS Adapter	FL6007-WS5 GB	N/A	200	N/A	N/A	
External PTT	FL602	N/A	150	N/A	N/A	



## Peltor™ High Attenuation Ground Mechanic Headset

3M™ Peltor™ Ground Mechanic headset range provides fine tuned attenuation level for different noise environments. The high visibility headset range offers in addition to the excellent attenuation, unique acoustic performance providing outstanding communication in very high noise environments.

- Special built-in amplifier headset for communication between ground staff and aircraft cockpit
- High attenuating cups with optimised acoustic design, special ear cups offer great sound quality and comfort
- Dynamic differential microphone with excellent ambient noise compensation and a built-in microphone amplifier
- Quick Positioning boom microphone for easy handling
- Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears
- Standard J11 connection (Nexus TP-120)
- Beam-mounted earphones that provide minimal resonance and distortion for excellent sound reproduction even in very high noise environments



MT7H79F-01 GB

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Ground Mechanic, dyn,mic	MT7H79F-01 GB	Foldable Head Band	383	5	31dB	High Visibility Green

See list of High Vis Ground Mechanic adapters on page 44



## Peltor™ Fixed Wing Aviation Headsets

The Aviation 8003 headset for fixed winged aircraft has an ambient-noise compensated dynamic differential microphone, specially designed for aviation intercom systems. The Aviation 8006 headset for fixed winged aircraft has an ambient-noise compensated electret differential microphone, specially designed for aviation intercom systems

### Aviation 8003

- The microphone amplifier can be adjusted for output signals in the range of 300-600 mV
- The frequency range is adjusted for good speech recognition
- The straight polyurethane cable with moulded connectors has a stereo/mono switch in the branching box
- The earphones have a 1/4" stereo connector and the microphone has a PJ068 connector.

### Aviation 8006

- The microphone amplifier can be adjusted for output signals in the range of 300-600 mV
- The frequency range is adjusted for good speech recognition
- The earphones have a broad frequency range for good sound reproduction
- The straight polyurethane cable with moulded connectors has a stereo/mono switch in the branching box
- The earphones have a 1/4" stereo connector and the microphone has a PJ068 connector

Listen Only

Two Way Comms



Level Dependent

Built in Comms

Bluetooth

AM/FM

Intrinsically Safe

MP3



MT52H79F-04 VI



MT51H79F-01 VI

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Aviation 8003, CE dyn,mic	MT52H79F-04VI	Head Band	370	5	31dB	<input type="text"/>
Aviation 8006, CE elec,mic	MT51H79F-01 VI	Head Band	360	5	31dB	<input type="text"/>



# Peltor™ Helicopter 8103 & 8106 Headsets

The Aviation 8103 helicopter headset has an ambient-noise compensated dynamic differential microphone, specially designed for aviation intercom systems. The Aviation 8106 helicopter headset has an ambient-noise compensated electret differential microphone.

### Aviation 8103

- The microphone amplifier is designed for intercom systems with 5 Ohm impedance
- The frequency range is adjusted for good speech recognition
- The earphones have a limited frequency range, to give the best possible speech recognition in the ambient noise of a helicopter
- The spiral polyurethane cable has a moulded NATO-standard connector equivalent to the Nexus TP-120

### Aviation 8106

- The earphones have a limited frequency range, to ensure the best possible speech recognition in the ambient noise of a helicopter
- Peltor™ two-point suspension of the shells on a broad head band ensures total comfort and consistent noise attenuation
- The spiral polyurethane cable has a moulded NATO-standard connector equivalent to the Nexus TP-120



MT52H79F-03



MT51H79F-02

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Aviation 8103 , CE low Imp dyn,mic	MT52H79F-03	Head Band	360	5	31dB	Black
Aviation 8106 , CE std Imp electret ,mic	MT51H79F-02	Head Band	370	5	31dB	Black