



3M™ PELTOR™ WS™ ProTac XPI Headset

Hearing protector with Bluetooth® Connectivity and Level-dependent Technology for critical communication in noisy environments

Product Description

The update of the 3M PELTOR WS ProTac XPI Headset brings many improvements and new exciting features that can help improve the safety and efficiency in critical communication.

Level-dependent technology for ambient listening can help you to hear important sounds from the surroundings. With the new feature Push-To-Listen, PTL, you can communicate face-to-face with people standing close by a noisy environment without being tempted to remove your hearing protection.

Bluetooth connectivity for seamless connection to external devices. Support for Bluetooth Multipoint for simultaneous connection of 2 phones (selectable in Set-up mode).

Key Features

- Bluetooth 4.2 including MultiPoint.
- Improved MMI menu set-up for easier handling in daily operations.
- Bright yellow color for enhanced visibility.
- New noise cancelling water resistant speech microphone. Improved speech intelligibility and IP68 rated for use in noisy and demanding environments.
- Support for Bluetooth A2DP, streaming (selectable in Set-up mode).
- Auto power off: The headset will turn off after 4 hrs of non-use to save battery.
- Low-battery warning at low battery level.
- New FLX2 accessory jack (selected models) for ability to add an additional external source via cable for safe and independent communication.
- Ground Mechanic solution included in main product.
- Compatible with 3M PELTOR WS Ground Mec adapter.



MT15H7AWS6 / MT15H7AWS6-111



MT15H7P3EWS6 / MT15H7P3EWS6-111



MT15H7BWS6-111

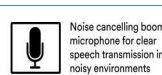
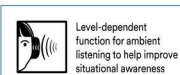
Applications

The 3M PELTOR WS ProTac XPI Headset offers Bluetooth Connectivity and Level-dependent Technology for critical communication in noisy environments. Useful when users need to be connected to their mobile device (e.g. process operators, push-back operators at airports, maintenance etc.); everywhere critical communication and hearing protection is required.

Headset Models and Accessories

Article number	Description	Accessory jack	3M Id
MT15H7AWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, headband	No	7100196045
MT15H7P3EWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, helmet attachment	No	7100195960
MT15H7AWS6-111	3M™ PELTOR™ WS™ WS ProTac XPI FLX2 Headset, headband	Yes	7100195906
MT15H7BWS6-111	3M™ PELTOR™ WS™ WS ProTac XPI FLX2 Headset, Neckband	Yes	7100195976
MT15H7P3EWS6-111	3M™ PELTOR™ WS™ WS ProTac XPI FLX2 Headset, helmet attachment	Yes	7100195961

Article number	Description	3M Id
HY83	3M™ PELTOR™ HY83 Hygiene kit, 2 foam liners, 2 snap-in cushions	7100113964
HY80	3M™ PELTOR™ Gel snap-in cushions	7000127468
ACK053	3M™ PELTOR™ ACK053 Rechargeable NiMH battery, 2100mAh	7100075338
FR08	3M™ PELTOR™ FR08 Power supply with USB connector	7000108521
FR09	3M™ PELTOR™ FR09 Battery charger with USB connector	7100075611
M171/2	3M™ PELTOR™ M171/2 Windshield for MT73 speech microphone 2ea	7100112112
M60/2	3M™ PELTOR™ M60/2 Windshield for Level-dependent microphones 2ea	7000039650
HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad, 100pcs	7100064410
HYM1000	3M™ PELTOR™ HYM1000 Microphone protection, 5 meters	7100064281



Technical data specifications

Model	Weight (incl. batteries)
Headband:	MT15H7AWS6 = 373g (With HY80 = 432g) MT15H7AWS6-111 = 373g (With HY80 = 432g)
Neckband:	MT15H7BWS6-111 = 357g
Helmet attachment:	MT15H7P3EWS6 = 395g (With HY80 = 457g) MT15H7P3EWS6-111 = 395g (With HY80 = 457g)

Materials

Attachment wire:	Stainless steel
Two-point fastener:	Acetal
Ear cushion:	PVC foil and polyether foam
Inline foam:	Polyether foam
Cup:	ABS plastic
Operating temperature:	-4°F to 122°F (battery dependent)
Operating time:	Approximately 45 hours of battery lifetime with included alkaline batteries

Bluetooth® Wireless Technology

Version:	4.2+EDR
Frequency:	2400-2483.5 MHz
Supported profiles:	HF/HS version 1.5, A2DP version 1.2
Output power	2,5 mW

Level dependent function

Mode:	Stereo
Auto power off:	4 hours from last activation
Menu voice guide language:	English

Storage

Recommended storage conditions:	-4°F to 122°F, <90% humidity
Recommended max. shelf life:	5 years except the batteries, <1 year

User limitation: Never modify or alter this product

Laboratory Attenuation

MT15H7AWS6 / MT15H7AWS6-111

ANSI S3.19-1974

Frequency (Hz) f	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation M_p (dB)	18.6	27.7	35.9	38.9	35.8	37.7	37.0	36.4	37.7	26	A
Standard deviation s_p (dB)	4.1	3.3	3.1	2.9	2.9	3.0	2.4	3.8	5.0		

MT15H7BWS6-111

ANSI S3.19-1974

Frequency (Hz) f	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation M_p (dB)	17.3	24.3	33.4	35.9	35.0	37.8	37.0	37.7	39.8	24	A
Standard deviation s_p (dB)	4.4	4.6	3.7	3.0	3.1	2.4	2.6	2.6	3.9		

MT15H7P3EWS6 / MT15H7P3EWS6-111

ANSI S3.19-1974

Frequency (Hz) f	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation M_p (dB)	19.3	25.1	35.0	38.7	34.5	35.3	34.9	36.1	38.5	26	A
Standard deviation s_p (dB)	3.6	2.9	3.1	2.1	2.5	2.1	2.4	2.8	4.1		

MT15H7AWS6 / MT15H7AWS6-111 with Gel cushion

ANSI S3.19-1974

Frequency (Hz) f	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation M_p (dB)	16.9	22.5	33.4	39.9	35.2	37.6	36.1	36.7	37.5	27	A
Standard deviation s_p (dB)	2.6	2.2	2.5	1.8	1.9	1.7	2.6	1.8	1.7		

MT15H7P3EWS6 / MT15H7P3EWS6-111 with Gel cushion

ANSI S3.19-1974

Frequency (Hz) f	125	250	500	1000	2000	3150	4000	6300	8000	NRR	CSA Class
Mean Attenuation M_p (dB)	17.5	23.3	34.6	39.2	36.1	38.2	38.5	38.7	40.0	27	A
Standard deviation s_p (dB)	2.6	2.0	3.2	2.8	2.7	2.6	2.1	1.9	2.5		



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FLX2 cables

Art. number	Description	3M Id
FLX2-111	3M™ PELTOR™ Cable for Hytera DP7*	7100197719
FLX2-35	3M™ PELTOR™ Cable for Icom angeld 2-pin	7100197556
FLX2-44	3M™ PELTOR™ Cable for Icom F31/F41	7100197565
FLX2-64	3M™ PELTOR™ Cable for Icom F34/F44	7100197568
FLX2-36	3M™ PELTOR™ Cable for Kenwood 2-pin	7100193170
FLX2-107-50	3M™ PELTOR™ Cable for Kenwood NX5000 EX	7100185797
FLX2-21	3M™ PELTOR™ Cable for Motorola GP300/DP1400	7100193228
FLX2-32	3M™ PELTOR™ Cable for Motorola GP340	7100193227
FLX2-65	3M™ PELTOR™ Cable for Motorola GP344	7100197572
FLX2-18	3M™ PELTOR™ Cable for Motorola GP900	7100197566
FLX2-63-50	3M™ PELTOR™ Cable for Mototrbo DP4*** EX	7100185795
FLX2-28	3M™ PELTOR™ Cable for Mobile/Dect phone	7100193229
FLX2-101	3M™ PELTOR™ Cable for Sepura STP 8*/9*	7100197718

WARNING! 3M strongly recommends individual fit testing of hearing protectors. If the NRR or SNR is used to estimate typical workplace protection, 3M recommends that the noise reduction value be reduced by 50% or in accordance with applicable regulations.
3M PSD products are occupational use only.

In the box

- 1 x Hearing protector
- 2 x AA batteries (non re-chargeable)
- 1 x User instruction

Warranty:

The warranty does not cover any damage caused by neglected maintenance or careless handling.
For more information on maintenance, please see the user instruction.
For complete warranty condition, contact your dealer or local 3M office

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.

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