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3M™ Peltor™ WS™ ProTac XPI Bluetooth Headset Range

Technical Data Sheet

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. With the new feature Push-To-Listen, PTL, you can communicate face-to-face with people in a noisy environment without the need 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).

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 wirelessly to their mobile device (e.g. process operators, push-back operators at airports, maintenance etc.); everywhere critical communication and hearing protection is required.

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. Supports VOX
- 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 (-111 models) for ability to add an additional external source via cable for safe and independent communication.
- Compatible with 3M™ Peltor™ WS Ground Mec adapter.

Standards

This 3M™ Peltor™ Headset is in compliance with the essential requirements and other provisions set out in the ACMA (Australian Communications and Medial Authority) regulations. The headset versions were tested in accordance with AS/NZS 1270:2002 and met the requirements of hearing protectors.

The product has been tested by an accredited laboratory in accordance with the requirements in AS/NZS 1270 and has met the specifications of hearing protectors Class 5. When selected, used and maintained as specified in AS/NZS 1269, this hearing protector may be used in noise up to 110 dB(A) assuming an 85 dB(A) criterion. A lower criterion may require a higher protector class.

MT15H7P3EWS6 / MT15H7P3EWS6-111

MT15H7AWS6 / MT15H7AWS6-111

MT15H7BWS6-111

3M™ Peltor™ WS ProTac XPI Headsets	
Headband	MT15H7AWS6 = 372g MT15H7AWS6-111 = 372g
Helmet Attached	MT15H7P3EWS6 = 396g MT15H7P3EWS6-111 = 396g
Neckband	MT15H7BWS6-111 = 357g
Attachment wire	Stainless steel
Two-point fastener	Acetal
Ear cushion	PVC foil and polyether foam
Cup	ABS plastic
Operating Temperature	-20°C to +50°C
Operating Time	Approximately 45 hours of battery life with included alkaline batteries
Bluetooth Technology	4.2+EDR, 2400-2483.5 MHz, HF/HS version 1.5, A2DP version 1.2 @ 2,5 mW output power
Microphone type	Noise cancelling microphone, Dynamic 150 Ohm, IP 68 (6m/30min)
Recommended storage conditions	-20°C to +50°C, <90% humidity
Recommended max. shelf life	5 years (<1 year with batteries)

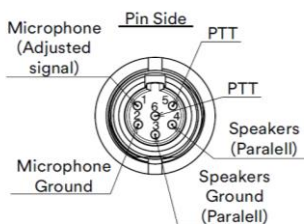# 3M™ Peltor™ WS™ ProTac XPI Bluetooth Headset Range

Headsets

Model	Description	3M ID
MT15H7AWS6	3M™ Peltor™ WS™ ProTac XPI Headset, headband	UU010123527
MT15H7P3EWS6	3M™ Peltor™ WS™ ProTac XPI Headset, helmet attachment	UU010123535
MT15H7AWS6-111	3M™ Peltor™ WS™ WS ProTac XPI FLX2 Headset, headband	UU010123543
MT15H7BWS6-111	3M™ Peltor™ WS™ WS ProTac XPI FLX2 Headset, neckband	UU010123568
MT15H7P3EWS6-111	3M™ Peltor™ WS™ WS ProTac XPI FLX2 Headset, helmet attachment	UU010123550

Compatible FLX2 Cables (-111 FLX2 variant only)

Model	Description	Compatible with MT15H7*-111	3M ID
FLX2-111	FLX2 Cable for Hytera DP7*	●	UU010126348
FLX2-35	FLX2-35 FLX2 Cable for Icom angled 2-pin	●	UU010124293
FLX2-44	FLX2 Cable for Icom F31/F41	●	UU010124301
FLX2-64	FLX2 Cable for Icom F34/F44	●	UU010126330
FLX2-36	FLX2 Cable for Kenwood 2-pin	●	UU010054110
FLX2-107-50	FLX2 Cable for Kenwood Multipin	●	UU009731132
FLX2-21	FLX2 Cable for Motorola GP300/DP1400	●	UU009898113
FLX2-32	FLX2 Cable for Motorola GP340	●	UU009879477
FLX2-65	FLX2 Cable for Motorola GP344	●	UU010126322
FLX2-18	FLX2 Cable for Motorola GP900	●	UU010126314
FLX2-63-50	FLX2 Cable for Motorola Mototrbo	●	UU009731124
FLX2-101	FLX2 Cable for Sepura STP	●	UU010123584
FLX2-28	FLX2 Cable for Mobile/Dect Phones	●	UU009898071

Wiring Pin Configuration

-111 Headset

 Bluetooth

Wireless connection to your mobile phone or communication radio

 Situational Awareness

Be aware of your surroundings without removing your hearing protection

 Noise Cancelling Mic

Eliminates external ambient noise and enhances voice transmission

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Attenuation Data

MT15H7AWS6 / MT15H7AWS6-111- Headband Headsets

Class 5	SLC80 32dB							
Frequency (Hz)	125	250	500	1000	2000	4000	8000	Clamping Force (N)
Mean Attenuation (dB)	19.7	23.3	32.9	36.8	36.6	35.0	37.5	
Std. Deviation (dB)	2.3	2.5	3.2	3.0	3.0	4.0	2.6	12
Mean minus SD	17.3	20.7	29.7	33.8	33.6	31.0	34.9	

MT15H7BWS6-111 - Neckband Headsets

Class 5	SLC80 29dB							
Frequency (Hz)	125	250	500	1000	2000	4000	8000	Clamping Force (N)
Mean Attenuation (dB)	16.0	19.8	27.5	32.7	36.4	33.3	36.1	
Std. Deviation (dB)	3.8	3.8	4.0	3.0	3.6	4.0	3.8	11.6
Mean minus SD	12.2	16.0	23.5	29.7	32.8	29.3	32.3	

MT15H7P3EWS6 / MT15H7P3EWS6-111 - Helmet Attached Headsets

Class 5	SLC80 27dB							
Frequency (Hz)	125	250	500	1000	2000	4000	8000	Clamping Force (N)
Mean Attenuation (dB)	16.7	18.2	26.4	32.3	35.6	32.1	34.8	
Std. Deviation (dB)	4.0	4.4	5.2	3.3	4.3	3.5	5.3	9.9
Mean minus SD	12.7	13.8	21.2	29.0	31.3	28.6	29.5	

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