



PELTOR™
Protection & Communication



3M™ PELTOR™ WS™ ALERT™ XPI Headset 

Protection and connection: work, talk, listen

The quiet office you wear to work

3M Science. Applied to life.™

New mobile App, helps speed headset set-up and adjustments

Turn your hearing protection into a quiet office you wear to work. Connect one or two devices using Bluetooth® MultiPoint technology and converse in normal volume even in noisy environments with the noise-cancelling microphone.

Connecting your headset to the “3M™ Connected Equipment App” allows you to easily navigate the

headset’s menus to set and adjust all of its settings, including ambient listening volume and FM radio stations.

The App provides immediate access to the User Instructions, product guides, instructional videos, FAQs, and tech support contacts.

Bluetooth® MultiPoint connectivity & flexibility

Always stay connected! Simultaneous, seamless connection to two Bluetooth® devices, e.g., two mobile phones, a mobile and a DECT phone, or a mobile and a two-way radio. Connection to an iOS and Android compatible mobile App to more easily set-up and adjust the headset.

Hearing protection with situational awareness

Ambient microphones help you hear on-coming vehicles, alerts, and other warning signals while providing hearing protection (30dB SNR) when you need it. The Push-to-listen feature instantly decreases your Bluetooth® or FM radio volume while increasing your ambient listening ability.

Big buttons and voice-guided menus

Large, push buttons are glove-friendly. Get immediate voice feedback after every setting adjustment. No need to remove the headset for any adjustments.

Durable, practical electronics

The dual-shell design helps protect the electronics from moisture, impact, etc. Auto-OFF after 4 hours of non-use. “Low battery” voice message. Uses two AA alkaline batteries or the optional rechargeable batteries.

Talk normally, even in 110 dB locations

Stop shouting. With this noise-cancelling microphone you can talk in normal volume.

Built in FM-Radio with vocalized channel selection

Two models: headset or helmet attachment

Both feature long-lasting, stainless steel wire bands for consistent, comfortable wear.



Bluetooth® MultiPoint technology for connection to one or two external devices for hands-free talk and streaming



Connect the headset with the “3M™ Connected Equipment” mobile app supporting both Android and iOS



Built-in FM-Radio



Noise cancelling boom microphone for clear speech transmission in noisy environments



Level-dependent function for ambient listening to help improve situational awareness



“My WS ALERT XPI Headset is as important as my mobile phone throughout my working day. If I forget my headset at home — without a second thought, I’m going back home again to get it. During my work day, I constantly need to call both colleagues and customers. Without the headset on my head, I spend far too much time walking away from my work to go to a quiet area to use my mobile phone. And now, with the new Mobile App, I can easily see and adjust all of my setting for my headset right on my phone. My absolute favorite feature is to easily store the FM radio channels I most like. The app also provides me a reminder to change my headset’s hygiene kits, which is easy to forget.”

David Dopping, Electrician and Plumber



Comparison chart of 3M™ PELTOR™ Bluetooth® Headsets

3M™ PELTOR™ WS™ ALERT™ XP

3M™ PELTOR™ WS™ ALERT™ XPI

Article Number	MRX21*2WS6*	MRX21*3WS6*
Bluetooth® connections	One	Two (Bluetooth® MultiPoint enables two connected Bluetooth devices simultaneously)
Bluetooth® for streaming and talking	✓	✓
Noise cancelling boom microphone	✓	✓
Mobile app connectivity	✗	✓
Voice guided menu system	✓	✓
Level Dependent Function for ambient listening	✓	✓
Built-in FM-Radio	✓	✓
Vocalized channel selection in the built-in FM-Radio	✗	✓
Play/Pause/Skip functions on the headset when streaming	✗	✓
Push-To-Listen (PTL) functionality enables you to easily speak to someone in your immediate surroundings; the Bluetooth®/Radio volume will decrease and the ambient listening volume will increase	✗	✓
Helmet attached option	✓	✓
Colour	Black	Blue/Pink

Get your app, using the QR codes below...



3M™ Connected Equipment



3M™ Connected Equipment App Store (iOS)



3M™ Connected Equipment Google Play (Android)



SWEDISH BREAST CANCER ASSOCIATION



SWEDISH PROSTATE CANCER ASSOCIATION

For every headset sold, 3M will make a donation to both the Swedish Breast Cancer Association and the Prostate Cancer Association to help fund research and cancer awareness. Headset users, in turn, can show their support for cancer awareness by donning either a pink or a blue headset cover.



Technical data specifications

Headset models

Article number	Description	Legacy 3M ID	SAP ID
MRX21A3WS6	3M™ PELTOR™ WS™ ALERT™ XPI, App, blue, headband	UU010322590	7100205302
MRX21P3E3WS6	3M™ PELTOR™ WS™ ALERT™ XPI, App, blue, helmet attachment ¹	UU010321964	7100205304
MRX21A3WS6-ACK	3M™ PELTOR™ WS™ ALERT™ XPI, incl. ACK (FR09,FR08, LR6NM), App, blue, headband	UU010322723	7100205299
MRX21P3E3WS6-ACK	3M™ PELTOR™ WS™ ALERT™ XPI, incl. ACK (FR09,FR08, LR6NM), App, blue, helmet attachment ¹	UU010322947	7100205297

Accessories

Article number	Description	Legacy 3M ID	SAP ID
HY82	3M™ PELTOR™ HY82 Hygiene kit (cushion and foamliner)	UU008567388	7100122439
FR08	3M™ PELTOR™ FR08 Power supply with USB connector	XH001680194	7000108521
FR09	3M™ PELTOR™ FR09 Battery charger with USB connector	XH001680616	7100075611
LR6NM	3M™ PELTOR™ LR6NM NiMH rechargeable AA batteries, 2 ea	XH001659693	7100064688
M995/2	3M™ PELTOR™ M995 Wind shield for speech microphone, 2 ea	XH001679154	7010044372
HYM1000	3M™ PELTOR™ HYM1000 Microphone protection, 4.5 meters	XH001651328	7100064281
HY100A	3M™ PELTOR™ HY100A Clean hygiene pads, single-use "gasket" protectors for ear cushions, self-adhesive, 100 ea/case	XH001651351	7100064410

Attenuation

Headband model: SNR=30 dB H=35 dB M=27 dB L=18 dB

Helmet attachment model: SNR=30 dB H=34 dB M=27 dB L=18 dB

¹⁾ The safety helmet attachment is certified with several safety helmets. See the User Instruction for the list of compatible helmets.

3M™ PSD products are intended for occupational use only.



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