3M™ SecureFit™ Forestry kit with PELTOR™ WS™ Alert™ XPI headset

Hearing, face and head protection that features Bluetooth® technology, built-in FM-radio, and mobile app interface.

Product Description
The Forestry kit helmet headset combines an X5500V safety helmet with an etched metal faceshield and a Bluetooth® headset with a noise-cancelling boom microphone. This kit is designed to help protect against falling objects, hazardous debris and noise specific to forestry applications and at the same time help promote auditory situational awareness via the level-dependent function for ambient listening. The headset also synchs to a mobile app so users can easily set-up and adjust the headset. It also contains a built-in FM-radio that you can preprogram to easily listen to your favorite channels.

Key Features
- Bluetooth® technology for connection to an external Bluetooth® device allows for hands-free talking, listening to FM-radio and streaming audio content
- Noise-cancelling boom microphone for clear speech transmission when in noisy environments
- Level-dependent function for ambient listening to help promote auditory situational awareness
- The SecureFit™ safety helmet has patented suspension with Pressure Diffusion Technology, reducing pressure on forehead
- An easy-turning ratchet suspension system fitted low on the head for comfort and security
- 6-point suspension
- 3M™ Mesh Faceshields offer eye and face protection from flying wood chips and particles, whilst allowing fog-free vision and increased ventilation when working in difficult outdoor conditions
- The etched Metal Mesh offers good visibility with low light reduction in the main viewing area whilst covering the face
- The faceshield holders allow for easy flip up and down of the faceshield
- Push-to-Listen (PTL) feature to easily and instantaneously listen to your surroundings
- Built-in FM-radio with digital channel selection
- Voice-guided menu system with the option to choose announced FM-radio frequencies
- Mobile app allows you to receive reminders for when to change replacement cushions (hygiene kit) and choose the frequency of these alerts
- The headset will automatically turn off after four hours of non-use to save battery life
- Rechargeable option with NiMH batteries
- The patented 3M™ UVicator™ can help indicate when it is time to replace the helmet as a result of excess exposure to ultraviolet (UV) radiation

Applications
The Securefit™ Forestry kit with Peltor™ WS™ Alert™ XPI headset offers wireless communication to your phone in noisy environments. It also helps to protect from wood chips with the etched faceshield. The safety helmet comes with easy adjustable ratchet. This combination is a good fit for the professional forestry worker.

Approvals
Peltor™ WS™ Alert™ XPI headset meet requiremnt of PPE Regulation (EU) 2016/425 and are CE and/or UKCA marked. The product has been tested and approved in accordance with EN 352-1:2020, EN 352-3:2020, EN 352-4:2020, EN 352-6:2020, EN 352- 8:2020.
The full text of the Declaration of Conformity is available at the following internet address: www.3M.com/PELTOR/DOC

The 3M™ Mesh Faceshield 5 Series meet the requirements of the PPE Regulation (EU) 2016/425 and are thus CE marked. The products have been examined by DIN CERTCO Gesellschaft für Konformitätsbewertung mbH, Alboinstrasse 56, 12103 Berlin, Germany (Notified Body number 0196). 5J-1 has been tested and approved in accordance with EN 1731:2006.
The applicable Certificate(s) and Declaration(s) of Conformity are available at the following internet address: www.3M.com/Head/Certs

The 3M™ X5500 SecureFit™ Safety Helmets meet the requirements of the PPE Regulation (EU) 2016/425 and are thus CE marked. The products have been tested and approved by BSI Group, The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands, Notified Body No. 2797. X5500 has been tested and approved in accordance with EN 397:2012+A1:2012.
The applicable Certificate(s) and Declaration(s) of Conformity are available at the following internet address: www.3M.com/Head/Certs

A copy of the Declaration of Conformity and additional information required in the Regulations can also be obtained by contacting 3M in the country of purchase.

XX5507VMRXV5J-CE

Bluetooth® technology for connection to one external device for hands free talk and streaming

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

Noise cancelling boom microphone for clear speech transmission in noisy environments

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

Built-in FM-radio

5J-1: Etched Metal Mesh (viewing area)
Aperture: 4.0mm x 1.5mm hex Faceshield thickness: 0.15mm
Light Reduction: 18%

The 5J-1 faceshield is designed in 3 zones with different aperture sizes. Light reduction increases away from the viewing area as the aperture size decreases:

Zone 1: 18% light reduction, 4.0mm x 1.5mm
Zone 2: 28% light reduction, 3.8mm x 1.4mm
Zone 3: 37% light reduction, 3.7mm x 1.3mm

Headset Models and Accessories

Article number	Description	SAP ID
X5007VMRXV5J-CE	3M™ Securefit™ Forestry Kit with PELTOR™ WS™ Alert XPI Headset, multipoint Bluetooth, etched face shield, SecureFit™ safety helmet. 4/CS	7100280283

Article number	Description	SAP ID
HY82	3M™ PELTOR™ HY82 Hygiene kit (cushion and foamliner)	7100122439
HY80	3M™ PELTOR™ HY80 Gel Sealing Ring	7000127268
210300-664-OR/1	3M™ PELTOR™ Covers for WS™ ALERT™ Headsets, orange, 1 pair (left+right)	7100246983
LR6NM	3M™ PELTOR™ LR6NM NiMH rechargeable AA batteries	7100064688
MT53N-14/1	3M™ PELTOR™ Electret boom microphone, 240mm with plug incl windshield M995/2	7100264326
M995/2	3M™ PELTOR™ M995 Wind shield for speech microphone	7010044372
HY100A	3M™ PELTOR™ HY100A Clean Hygiene Pad	7100064410
HYM1000	3M™ PELTOR™ HYM1000 Microphone protection (4.5 meters)	7100064281
FR08	3M™ PELTOR™ FR08 Power supply with USB connector	7000108521
FR09	3M™ PELTOR™ FR09 Battery charger with USB connector	7100075611
X5507V	3M™ SecureFit™ Safety Helmet	7100175596
5J-1	3M™ 5-series Etched Metal Faceshield	7000103793
GR3C	3M™ SecureFit™ Protective Rainshield	7000107956
U5B-CE	3M™ 5-series Faceshield Holder	7100179684
X5-6PTSUS	3M™ SecureFit™ 6-Point Suspension	7100180703
X5-SWBD02	3M™ SecureFit™ Sweatband	7100241118

Technical data specifications

Materials:	**MRX21P3E5WS6 WS Alert XPI Headset** Cup supporting arm: stainless steel **X5507V Helmet** Shell: UV Stabilised ABS Headband: HDPE Cradle: polyester Sweatband: coated foam **5J-1 Etched metal faceshield** U5B faceshield holder: polyamide GR3C: PVC
Battery type:	2xAA Alkaline batteries (or optional NiMH rechargeables)
Operating time:	Approximately 78 hours (Bluetooth® streaming and level-dependent) Approximately 58 hours (FM-radio and level-dependent)
Weight (batteries incl.):	MRX21P3E5WS6 (helmet attachment): 431 g X5500V: 328 g 5J-1: 53 g U5B: 76 g
Bluetooth® technology:	Bluetooth version: 4.2
	HSP:1.2, HFP: 1.6, A2DP 1.3, AVRCP: 1.6 Bluetooth Class 2
Boom microphone type:	Noise-cancelling electric boom microphone
Product lifetime in room temperature:	Up to 5 years (excl. batteries)

Use limitation: Never modify or alter this product.

Do not use this safety helmet against hazards other than those specified in the user instruction.
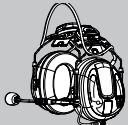
Use, store and maintain the safety helmet in accordance with the user instruction.
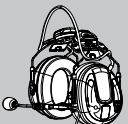
Attenuation Europe

STANDARD EN352-3:2020

MRX21P3E5WS6*
Carrier attachment with foam cushion earmuff

	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
				f (Hz)								🏋
MV (dB)	14.2	19.7	29.6	33.4	36.3	39.5	34.6	36	29.2	21.1	31.2	
SD (dB)	3.9	1.9	2.5	1.8	2.5	2.7	4.9	2.3	1.5	2.7	1.7	431 g
APV = MV - SD (dB)	10.3	17.8	27.1	31.6	33.8	36.8	29.7	34	28	18	30	

MRX21P3E5WS6*
Carrier attachment with gel cushion earmuff

	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
				f (Hz)								🏋
MV (dB)	11.8	18.6	28.4	33.2	37.9	39.1	36.9	36.9	28.1	19.3	30.4	
SD (dB)	2.3	2.0	2.0	2.7	2.4	3.2	4.1	2	1.3	1.8	1.4	495 g
APV = MV - SD (dB)	9.5	16.6	26.4	30.5	35.5	35.9	32.8	35	27	18	29	

* Approved for Small, Medium and Large head size.

3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection.

In the box

1 x Headset
1 x Helmet
1 x Faceshield
1 x Rainshield
2 x AA batteries
1 x UI for each PPE

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

3M™ Connected Equipment

App Store (iOS)

Google Play (Android)