



Finnish Institute of  
Occupational Health

FIOH  
notified by the Ministry of Social Affairs and Health and identified under  
0403 grants

# EC TYPE EXAMINATION CERTIFICATE

17129HPS01

for level-dependent earmuff type hearing protectors  
with Bluetooth connection, and FM radio as defined in  
EN 352-1:2002, EN 352-3:2002,  
EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008

**3M™ PELTOR™ WS Alert XPI**  
**MRX21AWS6, MRX21AWS6-ACK**  
**MRX21P3EWS6, MRX21P3EWS6-ACK**  
3M Svenska AB  
Värnamo  
Sweden

These products comply with Directive 89/686/EEC, as amended

Helsinki, 6 April 2017  
Expiry date: 5 April 2022

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This certificate comprises 3 pages and two appendices.



## 1. Applicant

3M Svenska AB  
Malmstengatan 19  
S-33102 Värnamo  
Sweden

## 2. Description and identification of the products

Type: Earmuff type hearing protectors

Name: 3M™ PELTOR™ WS Alert XPI, MRX21AWS6, MRX21AWS6-ACK,  
MRX21P3EWS6, MRX21P3EWS6-ACK

Description: Level-dependent earmuff type hearing protectors with Bluetooth connection, and FM radio as defined in EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008. Neon green cups, black cushions and black headband. MRX21\*WS6-ACK incorporates a charger and rechargeable batteries.

Size range:	Over-the-head headband model	Small, medium and large
	MRX21AWS6, MRX21AWS6-ACK	
	Helmet attached model	Large
	MRX21P3EWS6, MRX21P3EWS6-ACK	

Manufacturer: 3M Svenska AB

Pictures of the products are on page 3.

## 3. Adequacy and validity of the technical documentation

The documentation supplied by the applicant is listed in Appendix 1. The technical documentation is considered adequate and valid. The products have been tested in accordance with harmonized European standards EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008 by accredited testing laboratories. The models of the products supplied by the applicant conform to the technical documentation.

## 4. Compliance with basic health and safety requirements

The products and the technical documentation relating to them comply with the relevant basic health and safety requirements stated in Directive 89/686/EEC Annex II as amended, last amended by 96/58/EC (in Finland VNp 1406/93 Liite 1).

Note: Any modification in design, materials, or in the technical documentation, carried out on these type-examined products must be brought to the attention of FIOH.

Appendix 1. Documentation

Appendix 2. List of the Basic and supplementary helmet combinations.



Pictures of the products



3M™ PELTOR™ WS Alert XPI,  
MRX21AWS6, MRX21AWS6-ACK



3M™ PELTOR™ WS Alert XPI,  
MRX21P3EWS6, MRX21P3EWS6-ACK

End of EC type examination certificate.



### Technical and other documentation regarding EC type examination certificate

Product name: 3M™ PELTOR™ WS Alert XPI  
Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2017-03-14, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	Assembly drawings: P160237 rev a, 2017-03-14 P160236 rev a, 2017-03-14  Material lists: MRX21AWS6, 2017-02-21 MRX21AWS6-ACK, 2017-02-22 MRX21P3EWS6, 2017-02-22 MRX21P3EWS6-ACK, 2017-02-22 FP3813 rev a 2017-03-15	The products and materials are identified
3. Compliance with Directive 89/686/EEC relevant basic requirements	The compliance assessment is based on reports mentioned below items 3.1-3.6	
3.1 FIOH assessment of relevant Directive basic requirements	2017-04-06	The applied harmonised standards EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008 support the relevant requirements
3.2 3M Svenska AB Accredited test laboratory	AL-VMO-TR-2016-003, WS Alert XPI A band	3M™ PELTOR™ WS Alert XPI fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	AL-VMO-TR-2016-003 WS Alert XPI P3E	3M™ PELTOR™ WS Alert XPI fulfils the requirements of EN 352-3:2002 for size range L.
3.3 Combitech test reports	CAB-17-2025-2284-66	3M™ PELTOR™ WS Alert XPI fulfils the requirements of EN 352-4:2001/A1:2005.
	CAB-17-2025-3964-66	3M™ PELTOR™ WS Alert XPI fulfils the requirements of EN 352-6:2002.
	CAB-17-2025-4850-13	3M™ PELTOR™ WS Alert XPI fulfils the requirements of EN 352-8:2008.
3.4 PZT test reports	PZT, Test-Report No.: 1891620-1	The supplementary combinations listed in Appendix 2 fulfil the requirements of EN 352-3:2002.
3.5 Draft information sheet	FP 3813 rev.a  Packaging material: FP4363_a P170034 rev.a, 2017-03-09 FP 4364_a P170035 rev.a, 201703-09	The documents meets the requirements of the Directive, EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008.



<i>Item of documentation</i>	<i>Document identification</i>	<i>Remarks</i>
3.6 Product markings	On product  Label layout: P170054 rev.a 2017-02-21	Markings meet the requirements of EN 352-1:2002, EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008.
4. Description of the production quality system and related product control and test facilities	Quality plan Q170006 rev.a, 2017-02-09	Adequate for category II products

End of documentation list.



Table 1. List of possible helmet combinations (S=small size, M=medium size, L=large size)

Helmet model	Adapter	Size range	Test report
3M G3000	E	L	3M Svenska AB, Accredited test laboratory AL-VMO-TR-2016-003 WS Alert XPI P3E, Basic combination
3M G3501	E	L	PZT, Test report No: 1891620-1
3M H-700	E	L	PZT, Test report No: 1891620-1
3M G500 Headgear	E	S, M, L	PZT, Test report No: 1891620-1
3M Versaflo M-306, M-307	AF	L	PZT, Test report No: 1891620-1
Auboueix IRIS 2	E	L	PZT, Test report No: 1891620-1
Protector / Scott Style 600	E	L	PZT, Test report No: 1891620-1
Petzl Vertex Best	E	L	PZT, Test report No: 1891620-1
Petzl Vertex Vent	E	L	PZT, Test report No: 1891620-1
Petzl Vertex ST	E	L	PZT, Test report No: 1891620-1
Grolls Balance AC	E	L	PZT, Test report No: 1891620-1
Grolls Balance HD	N	S, M, L	PZT, Test report No: 1891620-1