



Finnish Institute of  
Occupational Health

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

# EC TYPE EXAMINATION CERTIFICATE

17077TFS01

for earmuff type hearing protectors with electrical audio input for  
entertainment and DAB+FM radio as defined in  
EN 352-1:2002, EN 352-3:2002 and EN 352-8:2008

**3M™ PELTOR™ Radio DAB+ FM Headset  
HRXD7A-01, HRXD7P3E-01**

3M Svenska AB  
Värnamo  
Sweden

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

Helsinki, 28 February 2017  
Expiry date: 27 February 2022

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## 1. Applicant

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## 2. Description and identification of the products

Type: Earmuff type hearing protectors  
Name: 3M™ PELTOR™ Radio DAB+ FM Headset, HRXD7A-01, HRXD7P3E-01  
Description: Earmuff type hearing protectors with electrical audio input and DAB+FM radio as defined in EN 352-1:2002, EN 352-3:2002 and EN 352-8:2008. Black cups, black cushions and black headband.  
Size range: Over-the-head headband model HRXD7A-01      Small, medium and large  
                  Helmet attached model HRXD7P3E-01              Large  
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 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 this type-examined product must be brought to the attention of FIOH.

Appendix 1. Documentation

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



Picture of the product



3M™ PELTOR™ Radio DAB+ FM Headset  
HRXD7A-01



3M™ PELTOR™ Radio DAB+ FM Headset  
HRXD7P3E-01

End of EC type examination certificate.





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

Product name: 3M™ PELTOR™ Radio DAB+ FM Headset  
Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2017-02-13, Nermin Jusufovic 2019-04-17, Tech file update request	Adequate
2. Product drawing, construction, and material list	Assembly drawings: P160344 2017-01-02_a.01 P160340 2016-12-30_a.01  Material lists: HRXD7P3E-01 HRXD7A-01 FP 3828rev.a 2017-02-08	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 3.1-3.5	
3.1 FIOH assessment of relevant Directive basic requirements	2017-02-28 2019-07-11	The applied harmonised standards EN 352-1:2002, EN 352-3:2002 and EN 352-8:2008 support the relevant requirements
3.2 Combitech test reports	CAB-17-2360-9954-60, 2017-01-26  CAB-17-2303-3544-10, 2017-01-30	HRXD7A-01 fulfils the requirements of EN 352-1:2002 for size ranges S, M and L. HRXD7P3E-01 fulfils the requirements of EN 352-3:2002 for size range L.
3.3 PZT test reports	PZT, Test-Report No.: 1891619-1, 2017-01-31  PZT, Test-Report No.: 1891802-4, 2018-06-18	The supplementary combinations listed in Appendix 2 fulfil the requirements of EN 352-3:2002.  3M™ PELTOR™ Radio DAB+ FM Headset fulfils the requirements of EN 352-3:2002 with helmet X5500 vented/non-vented and X5000 for small, medium and large size ranges.
3.4 Draft information sheet	PZT, Test-Report No.: 1891622-1, 2017-01-24 UI_FP3828, 2019-04-17  Packaging material: P170024_a P170017_a FP 4383_a.00	The product fulfils the requirements of EN 352-8:2008. The documents meets the requirements of the Directive, EN 352-1:2002, EN 352-3:2002 and EN 352-8:2008.
3.5 Product markings	On product  Label layout: P100262_b	Markings meet the requirements of EN 352-1:2002, EN 352-3:2002 and EN 352-8:2008.
4. Description of the production quality system and related product control and test facilities	Quality plan P160296 rev a.00, 2016-11-11	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	Combitech, CAB-17-2303-3544-10 Basic combination
3M SecureFit Safety helmet X5000	E	S, M, L	PZT, Test report No: 1891802-4
3M SecureFit Safety helmet X5500	E	S, M, L	PZT, Test report No: 1891802-4
3M G3501	E	L	PZT, Test report No: 1891619-1
3M H-700	E	L	PZT, Test report No: 1891619-1
3M G500 Headgear	E	S, M, L	PZT, Test report No: 1891619-1
3M Versaflo M-306, M-307	AF	L	PZT, Test report No: 1891619-1
Auboueix IRIS 2	E	L	PZT, Test report No: 1891619-1
Protector / Scott Style 600	E	L	PZT, Test report No: 1891619-1
Petzl Vertex Best	E	L	PZT, Test report No: 1891619-1
Petzl Vertex Vent	E	L	PZT, Test report No: 1891619-1
Petzl Vertex ST	E	L	PZT, Test report No: 1891619-1
Grolls Balance AC	E	L	PZT, Test report No: 1891619-1
Grolls Balance HD	N	S, M, L	PZT, Test report No: 1891619-1