



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

16514HJS01

for level-dependent earmuff type hearing protector with electrical
audio input and Bluetooth connection 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 LiteCom Pro III
MT73H7*4D10EU*

3M Svenska AB
Värnamo
Sweden

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

Helsinki, 23 December 2016
Expiry date: 22 December 2021

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S039 (EN 45011)
(ISO/IEC Guide 65)

This certificate comprises 3 pages and two appendices.

Finnish Institute of Occupational Health, Notified Body No. 0403,
Topeliuksenkatu 41 b, FI-00250 Helsinki, Finland



1. Applicant

3M Svenska AB
Malmstensgatan 19
S-33102 Värnamo
Sweden

2. Description and identification of the products

Type: Level-dependent earmuff type hearing protectors with electrical audio input and Bluetooth connection with a boom microphone 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

Name: 3M™ PELTOR™ WS LiteCom Pro III
MT73H7*4D10EU*

MT73H7A4D10EU	Over-the-head headband (A), dark blue cups, black headband and cushions
MT73H7F4D10EU-50	Foldable over-the-head headband (F), bright blue cups, black headband and cushions, ATEX approved
MT73H7B4D10EU	Behind-the-head headband, dark blue cups, black cushions
MT73H7B4D10EU-50	As MT73H7B4D10EU, but ATEX approved, bright blue cups
MT73H7P3E4D10EU	Earmuffs attached to industrial safety helmets in basic combination with helmet G3000 and in supplementary combination with helmets listed in Appendix 2
MT73H7P3E4D10EU-50	As MT73H7P3E4D10EU but ATEX approved, bright blue cups

Size range:	Over-the-head headband models with A-band	Small, medium and large
	Over-the-head headband models with F-band	Large
	Behind-the-head headband models	Small, medium and large
	Helmet attached models	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, 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 this type-examined product must be brought to the attention of FIOH.



3M Peltor WS LiteCom Pro III
MT73H7A4D10EU



3M Peltor WS LiteCom Pro III
MT73H7F4D10EU-50



3M Peltor WS LiteCom Pro III
MT73H7B4D10EU-50



3M Peltor WS LiteCom Pro III
MT73H7B4D10EU



3M Peltor WS LiteCom Pro III
MT73H7P3E4D10EU



3M Peltor WS LiteCom Pro III
MT73H7P3E4D10EU-50

Appendix 1. Documentation

Appendix 2. List of supplementary helmet combinations.

End of EC type examination certificate.



Technical and other documentation regarding EC type examination certificate

Product name: 3M™ PELTOR™ WS LiteCom Pro III

Applicant: 3M Svenska AB

Item of documentation	Document identification	Remarks
1. Application for the EC type examination	2016-12-12, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	Assembly drawings: P150275_a P160209_a P160210_a P160286_a.02 P160287_a.03 P160288_a.03 Material lists: BOM_MT73H7A4D10EU_a.00 BOM_MT73H7F4D10EU-50_a.00 BOM_MT73H7B4D10EU_a.00 BOM_MT73H7B4D10EU-50_a.00 BOM_MT73H7P3E4D10EU_a.00 BOM_MT73H7P3E4D10EU-50_a.00	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	2016-12-23	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 test reports	AL-VMO-TR-2016-002 WS LITECOM PRO III A band, ver. 1.8, 2016-12-13	WS LiteCom PRO III, MT73H7A4D10EU fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	AL-VMO-TR-2016-002 WS LITECOM PRO III B band, ver. 1.5, 2016-12-13	WS LiteCom PRO III, MT73H7B4D10EU-50 fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	AL-VMO-TR-2016-002 WS LITECOM PRO III F band, ver. 1.7, 2016-12-13	WS LiteCom PRO III, MT73H7F4D10EU-50 fulfils the requirements of EN 352-1:2002 for size range L.
	AL-VMO-TR-2016-002 WS LITECOM PRO III P3E, ver. 1.6, 2016-12-13	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in basic combination with helmet G3000 fulfils the requirements of EN 352-3:2002 for size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-G2000 P3K, ver. 1.0, 2016-12-8	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet G2000 fulfils the requirements of EN 352-3:2002 for



Item of documentation	Document identification	Remarks
		size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-G3501, ver. 1.2, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet G3501 fulfils the requirements of EN 352-3:2002 for size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-Grolls Balance AC, ver. 1.1, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet Grolls Balance AC fulfils the requirements of EN 352-3:2002 for size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-M306-M307, ver. 1.1, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet M306/M307 fulfils the requirements of EN 352-3:2002 for size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-Petzel Vertex, ver. 1.2, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet Petzel Vertex fulfils the requirements of EN 352-3:2002 for size range L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-Protector Scott Style 600, ver. 1.1, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet Protector Scott Style 600 fulfils the requirements of EN 352-3:2002 for size ranges S, M and L.
	AL-VMO-TR-2016-002-WS LITECOM PRO III-Protector Scott Tuffmaster II, ver. 1.1, 2016-12-7	WS LiteCom PRO III, MT73H7P3E4D10EU, MT73H7P3E4D10EU-50 in supplementary combination with helmet Protector Scott Tuffmaster II fulfils the requirements of EN 352-3:2002 for size range L.
3.3 Combitech test reports	CAB-16-2950-3739-855, 2016-12-06	3M Peltor LiteCom PRO III headband earmuffs fulfil the requirements of EN 352-6:2002.
	CAB-16-2950-7185-375, 2016-12-06	3M Peltor LiteCom PRO III headband earmuffs fulfil the requirements of EN 352-8:2008.
	CAB-16-2951-8020-062, 2016-11-17	3M Peltor LiteCom PRO III headband earmuffs fulfil the requirements of EN 352-4:2001/A1:2005.



Item of documentation	Document identification	Remarks
3.4 Draft information sheet	FP3806, rev.a.11 Packaging material: FP4365_a P160312_a P160314_a P160315_a P160318_a P160320_a P160321_a	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.
3.5 Product markings	On product Label layout: P160234_a P160324_a	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 P160295 rev a.00, 2016-11-25	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	AL-VMO-TR-2016-002 WS LITECOM PRO III P3E Basic combination
3M G3501	E	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-G3501
3M G2000	K	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-G2000 P3K
3M Versaflo M-306, M-307	AF	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-M306-M307
Grolls Balance AC	E	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-Grolls Balance AC
Petzl Vertex	E	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-Petzel Vertex
Protector / Scott Style 600	E	SML	AL-VMO-TR-2016-002-WS LITECOM PRO III-Protector Scott Style 600
Protector / Scott Tuffmaster II	E	L	AL-VMO-TR-2016-002-WS LITECOM PRO III-Protector Scott Tuffmaster II