

EU TYPE-EXAMINATION CERTIFICATE

0598/PPE/200866

Product Hearing protector

Model/Type 3M Peltor ComTac XPI MT20H682FB-**
3M Peltor ComTac XPI MT20H682BB-**

Trade mark -

Certificate Holder / Manufacturer 3M Svenska AB
Box 2341
S-33102
Värnamo
Sweden

Standard(s) These products comply with the applicable essential health and safety requirements of Regulation (EU) 2016/425 and standard(s) mentioned below
EN 352-1:2002
EN 352-4:2001/A1:2005
EN 352-6:2002

Additional information Earmuff type hearing protector

This certificate shall be used in conjunction with conformity assessment procedure module C2 or D.

Validity This certificate is valid until 26 January 2026.
Certificate Issue 1. Certified since 27 January 2021.

Date of issue 27 January 2021

SGS Fimko Ltd

Signature



Mikko Hirvonen
Research Scientist



Heli Koskinen
Senior Specialist

The full details of the assessment are given in Certification report No. 0598/PPE/200866/R.
SGS Fimko Ltd is a Notified Body (0598) according to the Personal Protective Equipment Regulation (EU) 2016/425.



Additional information -

Page 2 of 2

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Notified Body 0598

SGS Fimko Ltd

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Business ID 0078538-5

Member of the SGS Group (SGS SA)



FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 0598/PPE/200866, Issue 1.

1. Applicant

3M Svenska AB
Box 2341
S-33102
Värnamo
Sweden

2. Description and identification of the product

Product name: 3M Peltor ComTac XPI MT20H682FB-**
3M Peltor ComTac XPI MT20H682BB-**

The stars in the names stand for different microphones and connection types.

Type: Earmuff type hearing protectors

Size range: Over-the-head headband model Small, Medium and Large
Neckband model Small and Medium

Description: Level-dependent earmuff type hearing protector with auxiliary audio input for communication as defined in EN 352-1:2002, EN 352-4:2001/A1:2005 and EN 352-6:2002. The product has an earplug mode for use in high noise environments. The earplug mode of the product has been accepted with 3M Ear Classic earplug. Dark green cups, black cushions and black headband.

Manufacturer: 3M Svenska AB

Pictures of the products:



ComTac XPI, headband



ComTac XPI, neckband

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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 a harmonized European standards EN 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002 and in-house methods based on standard EN 352-4:2001/A1:2005, prEN 352-4:2017, EN 352-6:2002 and prEN 352-6:2017 by accredited testing laboratories. The models of the products supplied by the applicant conform to the technical documentation.

4. Compliance with essential health and safety requirements

The products and the technical documentation relating to it comply with the relevant essential health and safety requirements stated in the Regulation (EU) 2016/425 Annex II.

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 SGS Fimko.

Appendix 1	Technical documentation
Appendix 2	Document history
Appendix 3	List of different model variants

End of EU type-examination report.

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Technical documentation regarding EU type-examination report 0598/PPE/200866/R

Product name: 3M Peltor ComTac XPI MT20H682FB-**

3M Peltor ComTac XPI MT20H682BB-**

Applicant: 3M Svenska AB

Item of technical documentation	Document identification	Assessment
1. Application for the EU type examination	2020-12-14, Nermin Jusufovic	
2. Product drawing, construction, and material list	<p>P140064 rev c, 2018-03-08 P200110 rev a, 2020-06-30 P200115 rev a, 2020-06-30 P130266 rev b, 2015-10-29 P130267 rev b, 2018-10-25 P140008 rev b, 2015-10-29 P140063 rev b, 2018-10-25 P140064 rev c, 2018-03-08 P140105 rev c, 2019-11-27 P140106 rev c, 2019-11-27 P140108 rev b, 2018-03-08 P140115 rev c.02, 2018-03-08 P140116 rev b, 2015-04-21 P140117 rev a, 2014-07-04 P150028 rev b, 2018-10-25 P150038 rev b, 2015-10-29 P180014 rev a, 2018-02-13 P180015 rev a, 2018-02-13 P180011 rev a, 2018-02-13 P180019 rev a, 2019-09-05 P170093 rev b, 2018-10-25 P190294 rev a, 2019-09-05</p> <p>MT20H682FB-102, 2020-06-30 MT20H682FB-92EU, 2020-06-30 MT20H682BB-38SV, 2019-05-28 MT20H682BB-38, 2019-05-28 MT20H682BB-86, 2019-05-28 MT20H682FB-02 SV, 2015-10-29 MT20H682FB-02, 2015-10-29 MT20H682FB-04, 2020-03-01 MT20H682FB-19B, 2016-06-13 MT20H682FB-33, 2015-10-29 MT20H682FB-38 SV, 2018-10-25 MT20H682FB-38, 2018-10-25 MT20H682FB-68SV, received 2021-01-24 MT20H682FB-68, received 2021-01-24 MT20H682FB-69, 2015-10-29 MT20H682FB-86 SV, 2018-10-29 MT20H682FB-86, 2018-10-25 MT20H682FB-87, 2015-10-29 MT20H682FB-88, 2018-10-25 MT20H682FB-89, 2015-10-29 MT20H682FB-90, 2018-10-25 MT20H682FB-95, 2015-10-29</p>	Products are identified and described, materials are specified.

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Item of technical documentation	Document identification	Assessment
	MT20H682FB-97, 2017-02-09 MT20H682FB-98, 2017-02-09 MT20H682FB-91, 2016-10-14 MT20H682FB-87 SV, 2018-01-10 MT20H682FB-87 BW, 2020-09-01 MT20H682FB-79, 2020-02-27 MT20H682BB-100 CY, 2018-02-13 MT20H682FB-100 CY, 2018-02-13 MT20H682FB-101, 2019-09-05 MT20H682FB-99 SV, 2018-10-02 MT20H682FB-94, 2018-10-25	
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.5	
3.1. SGS Fimko assessment of essential health and safety requirements	2021-01-27	The applied harmonized standards EN 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002 support the relevant requirements
3.2. Test reports	FIOH 27151T01, 2007-04-15 FIOH 29259T02, 2010-04-13	3M Peltor ComTac XP MT17H682FB-02 fulfils the requirements of EN 352-1:2002 for size ranges S, M and L. 3M Peltor ComTac XP MT17H682BB-38 fulfils the requirements of EN 352-1:2002 for size ranges S and M. Models MT20H682FB-** and MT20H682BB-** are mechanically and acoustically identical to MT17H682FB-02 and MT17H682BB-38. The differences between the models are MT20 microphone and changes on the PCB. Based on this, it can be assessed that 3M Peltor ComTac XPI MT20H682FB-** would also fulfil the requirements of EN 352-1:2002 for size ranges S, M and L, and 3M Peltor ComTac XPI MT20H682BB-** would also fulfil the requirements of EN 352-1:2002 for size ranges S and M.
	FIOH 28500T02, 2010-05-19	The effect of the bone conductive microphone of 3M Peltor ComTac XP MT17H682FB-69 to the minimum attenuation values was tested. The values deviate less than 3 dB from the original attenuation values reported on test report 27151T01. Hence, the original attenuation values can be used for 3M Peltor ComTac XPI MT20H682FB-69 also.

Item of technical documentation	Document identification	Assessment
	PZT 1891603-1, 2016-09-01	ComTac XPI MT20H682FB-86 with hygienic kit HY80-EU fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.
	CAB 15-2171-9465-282, 2015-09-21	3M Peltor ComTac XPI MT20H682FB-86 fulfils the requirements of EN 352-6:2002.
	CAB 15-2301-7439-404, 2015-09-23	3M Peltor ComTac XP MT20H682FB-86 fulfils the requirements of EN 352-4:2001/A1:2005.
	PZT 1892005-1, 2020-11-24	Level dependent feature of 3M Peltor ComTac XPI Headset MT20H682FB-86 tested with in-house method based on standard EN 352-4:2001/A1:2005 and prEN 352-4:2017 meets the requirements of the Regulation tested in earplug mode.
	PZT 1892005-2, 2020-11-24	Audio input of 3M Peltor ComTac XPI Headset MT20H682FB-86 tested with in-house method based on standard EN 352-6:2002, and prEN 352-6:2017 meets the requirements of the Regulation tested in earplug mode.
	Combitech AcuLab/2011:0063, 2012-01-16	3M Peltor ComTac XP MT17H682FB-**, and Ear Classic earplug fulfil the requirement of EN 352-1:2002, para 4.3.12 and EN 352-2:2002, para 4.3.6 for minimum attenuation. The attenuation values have been used in testing the earplug mode of the Peltor ComTac XPI Headset MT20H682FB-**.
3.3. Draft information sheet	FP3752_Rev.F, received 2021-01-26	Document meets the requirements of the PPE Regulation, EN 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002.
3.4. Product markings	<p>Draft markings:</p> <p>On product</p> <p>P200192, rev a, 2020-10-08</p> <p>P190046, rev b, 2020-05-19</p> <p>P180033, rev c, 2020-05-19</p> <p>P200184, rev a, 2020-09-01</p> <p>P140277, rev c, 2020-09-01</p> <p>P180032, rev c, 2020-05-19</p> <p>P150276, rev d, 2020-09-01</p> <p>P160156, rev c, 2020-09-01</p> <p>P180284, rev b, 2020-09-01</p> <p>P180281, rev b, 2020-09-01</p> <p>P130261, rev c, 2020-09-01</p> <p>P180280, rev c, 2020-09-01</p> <p>P190047, rev c, 2020-05-19</p> <p>P180037, rev c, 2020-05-19</p> <p>P180279, rev c, 2020-09-01</p>	Markings meet the requirements of the PPE Regulation, EN 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002.

Item of technical documentation	Document identification	Assessment
	P200185, rev a, 2020-09-01 P180036, rev c, 2020-05-19 P180280, rev c, 2020-09-01 P190370, rev b, 2020-09-01 P180282, rev c, 2020-09-01 P160208, rev b, 2020-02-03 P100524, rev a, 2010-07-06 FP4224, rev b, received 2020-01-25	
3.5. Risk assessment	P180104_rev_b, PPE risk assessment for 3M Peltor hearing protectors, 2018-03-07	Adequate
4. Description of the production quality system and related product control and test facilities	3M Svenska AB ISO 9001, ISO 14001 certificate No. 1000, valid until 2022-02-28 Q190170, Quality assurance PPE ComTac XPI, rev a.02, 2019-09-07	Agreement with SGS Fimko on the EU quality control system for the quality of production, module D (PPE category III products).

Document history of EU type-examination certificate 0598/PPE/200866 and report 0598/PPE/200866/R

2018-05-17	EC type-examination certificate 14167TBS02rev1 (FIOH)
2021-01-27	EU type-examination certificate 0598/PPE/200866, Issue 1

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