



Finnish Institute of
Occupational Health

EU TYPE-EXAMINATION CERTIFICATE

18A0821LDS01, Issue 1

for 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
3M Peltor ComTac VI NIB Headset MT20H682FB-N****
3M Peltor ComTac VI NIB Headset MT20H682BB-N****

3M Svenska AB

Box 2341

S-33102

Värnamo

Sweden

These products comply with the applicable essential health and safety
requirements of Regulation (EU) 2016/425.

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

Valid from: 5 December 2018
Date of expiry: 4 December 2023

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Specialist

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Research Scientist



EU type-examination report

This EU type-examination report is for EU type-examination certificate No. 18A0821LDS01, 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 VI NIB Headset MT20H682FB-**N**
3M Peltor ComTac VI NIB Headset MT20H682BB-**N**

The stars in the names stand for different microphones and connection types. The list of model variants is in Appendix 3

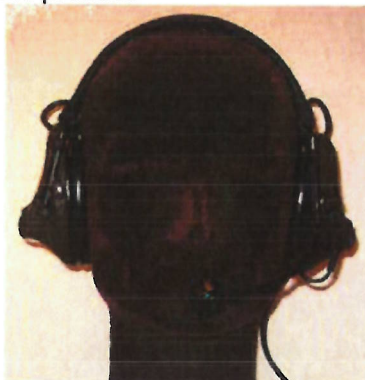
Type: Earmuff type hearing protectors

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. Dark green cups, black cushions and black headband.

Manufacturer: 3M Svenska AB

Pictures of the product:



MT20H682FB-86N



MT20H682FB-86N



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 352-4:2001/A1:2005, and EN 352-6:2002 and in-house method based on standard EN 352-6:2002 and RfU sheet 04.041 and 04.049 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 these type-examined products must be brought to the attention of FIOH.

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

End of EU type-examination report.



Technical documentation regarding EU type-examination report 18A0821LDR01

Product name: 3M Peltor ComTac VI NIB Headset MT20H682FB-**N**
3M Peltor ComTac VI NIB Headset MT20H682BB-**N**

Applicant: 3M Svenska AB

<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EU type examination	2018-10-25, Nermin Jusufovic	Adequate
2. Product drawing, construction, and material list	P180081rev_a, 2018-10-23 P180082rev_a, 2018-02-14 P180083rev_a, 2018-10-23 P180086rev_a, 2018-10-23 P180178rev_a, 2018-10-23 MT20H682BB-38N, 2018-10-23 MT20H682FB-02N, 2018-10-23 MT20H682BB-86N, 2018-10-23 MT20H682FB-02N SV, 2018-10-23 MT20H682FB-19BN, 2018-10-23 MT20H682FB-38N, 2018-10-23 MT20H682FB-38N SV, 2018-10-23 MT20H682FB-86N, 2018-10-23 MT20H682FB-88N, 2018-10-23 MT20H682FB-86N SV, 2018-10-23	Products are identified and described, materials are specified.
3. Compliance with Regulation (EU) 2016/425 essential health and safety requirements	The compliance assessment is based on reports mentioned below items 3.1-3.8	
3.1. FIOH assessment of essential health and safety requirements	2018-12-05	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. FIOH test reports	27151T01, 2007-04-15 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. Peltor ComTac VI NIB Headset MT20H682**-**N** earmuffs 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 Peltor ComTac VI NIB Headset MT20H682FB-**N** would also fulfil the requirements of EN 352-1:2002 for size ranges S, M and L, and



<i>Item of technical documentation</i>	<i>Document identification</i>	<i>Assessment</i>
3.3. PZT test reports	1891803-1, 2018-10-10 1891803-02, 2018-10-10 1891603-1, 2016-09-01	<p>Peltor ComTac VI NIB Headset MT20H682BB-**N** would also fulfil the requirements of EN 352-1:2002 for size ranges S and M.</p> <p>3M Peltor // MT20H682FN-86N fulfils the requirements of EN 352-4:2001/A1:2005.</p> <p>3M Peltor ComTac VI fulfils the requirements of EN 352-6:2002.</p> <p>ComTac XPI MT20H682FB-86 with hygienic kit HY80-EU fulfils the requirements of EN 352-1:2002 for size ranges S, M and L.</p> <p>Model Peltor ComTac VI NIB Headset MT20H682FB-**N** is mechanically and acoustically identical to ComTac XPI MT20H682FB-86 with hygienic kit HY80-EU. The differences between the models are changes on the PCB.</p> <p>Based on this, it can be assessed that Peltor ComTac VI NIB Headset MT20H682FB-**N** with hygienic kit HY80-EU would also fulfil the requirements of EN 352-1:2002 for size ranges S, M and L.</p>
3.4. FIOH test report	382434T01, 2018-10-05	Audio input of 3M Peltor ComTac VI NIB Headset MT20H682FB-86N with TEP-LOOP-200 Neck Loop tested with in-house method based on standard EN 352-6:2002 and RfU sheet 04.041 and 04.049 meets the requirements of the Regulation.
3.5. Draft information sheet	F FP3844_SCREEN_a, 2018-11-20	Document meets the requirements of the PPE Regulation, and 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002.
3.6. Product markings	Draft markings: On product P180241 rev a, 2018-09-25 P180222 rev b, 2018-08-14 P180239 rev a, 2018-09-24 FP4407_SCREEN_a, 2018-10-30	Markings meet the requirements of the PPE Regulation, and 352-1:2002, EN 352-4:2001/A1:2005, and EN 352-6:2002.
3.8. 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 2019-02-28 Q180221, Quality assurance PPE ComTac VI, rev b.00, 2018-10-25	Agreement with FIOH on the EU quality control system for the quality of production, module D (PPE category III products).



Document history of EU type-examination certificate 18A0821LDS01 and report 18A0821LDR01

2018-12-05 EU type-examination certificate 18A0821LDS01, Issue 1



Product number	Description	Colour	Microphone types: (MT7N, MT31, MT33, MT73)	External connection	Headband type	User instruction	PCB	Outer box label	Inner box label	Product label
MT20H682BB-38N	COMTAC VI, NIB HEADSET, STD, NECK BAND	GREEN	Boom mic, Dynamic	J11 (STANDARD)	Neckband w. mic guide	FP3844	K401A	Y0201	I0212	T0294
MT20H682BB-86N	COMTAC VI, NIB HEADSET, NATO, NECK BAND	GREEN	Boom mic, Dynamic	J11 (NATO)	Neckband w. mic guide	FP3844	K401A	Y0201	I0212	T0294
MT20H682FB-02N	COMTAC VI, NIB HEADSET, FOLDABLE, GREEN	GREEN	Boom mic, Dynamic	N/A	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-02N SV	COMTAC VI, NIB HEADSET, FOLDABLE, BLACK	BLACK	Boom mic, Dynamic	N/A	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-198N	COMTAC VI, NIB HEADSET, DUAL COM, NATO	GREEN	Boom mic, Dynamic	J11 (NATO)	Headband w. mic guide	FP3844	K401B	Y0201	I0207	T0294
MT20H682FB-38N	COMTAC VI, NIB HEADSET, STD, GREEN	GREEN	Boom mic, Dynamic	J11 (STANDARD)	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-38N SV	COMTAC VI, NIB HEADSET, STD, BLACK	BLACK	Boom mic, Dynamic	J11 (STANDARD)	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-86N	COMTAC VI, NIB HEADSET, NATO, GREEN	GREEN	Boom mic, Dynamic	J11 (NATO)	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-86N SV	COMTAC VI, NIB HEADSET, NATO, BLACK	BLACK	Boom mic, Dynamic	J11 (NATO)	Headband w. mic guide	FP3844	K401A	Y0201	I0207	T0294
MT20H682FB-88N	COMTAC VI, NIB HEADSET, STEREO, GREEN	GREEN	Boom mic, Dynamic	J11 (STEREO)	Headband w. mic guide	FP3844	K401B	Y0201	I0207	T0294