

Combitech EC type-examination

Notified Body No. 2279

**EC TYPE-EXAMINATION
CERTIFICATE**

No. CAB-93541

For hearing protector

As defined in

EN 352-1:2002

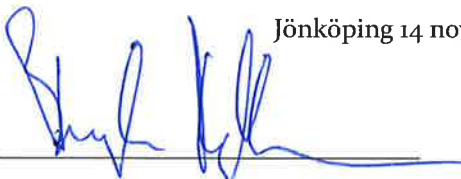
3M Peltor X Series

X1A, X2A, X3A, X4A and X5A

3M Svenska AB

This product complies with Directive 89/686/EEC

Jönköping 14 november 2012



Bengt Rydh

Certification Manager



Alexander Storm

Certification Engineer

This certificate comprises 6 pages, of which this is page 1

EC type examination certificate No. CAB-93541

1. Applicant

3M Svenska AB
Box 2341, Malmstensgatan 19
331 02 Värnamo
Sweden

2. Identification

Type: Hearing protector type ear-muff with headband.
Name: 3M Peltor X Series Passive Ear Muff (X1A, X2A, X3A, X4A, X5A)
Description: Headband earmuff with passive attenuation.
Color: see pictures and captions.
Manufacturer: 3M Svenska AB



X1A - Green



X2A - Yellow



X3A - Red

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X4A - Neon green



X5A - Black

3. Technical documentation

Technical documentation	Document identification	Assessment
1. Application	CAB-93544	Ok
2. Product drawing, construction and material list	3M Peltor_Product Description_ X1A_120813 3M Peltor_Product Description_ X2A_120813 3M Peltor_Product Description_ X3A_120813 3M Peltor_Product Description_ X4A_120813 3M Peltor_Product Description_ X5A_120813 P110191_Assembly Drawing_X1A_ rev.a.01 P110192_Assembly Drawing_X2A_	Ok

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	<p>rev.a.01</p> <p>P110193_Assembly Drawing_X3A_ rev.a.00</p> <p>P110194_Assembly Drawing_X4A_ rev.a.00</p> <p>P110195_Assembly Drawing_X5A_ rev.a.00</p>	
3. Applicant's report on applied basic requirements	The assessment is based on the information in the listed technical documentation.	Ok
4. AT test reports	<p>CAB-89497 (X1A)</p> <p>CAB-89503 (X2A)</p> <p>CAB-89505 (X3A)</p> <p>CAB-89507 (X4A)</p> <p>CAB-89509 (X5A)</p>	Ok. The requirements of EN 352-1:2002 are fulfilled.
5. Draft information sheet	XA-0077-4243-1_Iss1_X-Series_ User Instructions	Ok, The values of attenuation stated in the user instructions correspond to the values stated in the test reports.
6. Product marking drawings	<p>P120312_Marking Shell_X1A-EU_ rev.a</p> <p>P120314_Marking Shell_X2A-EU_ rev.a</p> <p>P120316_Marking Shell_X3A-EU_ rev.a</p> <p>P120318_Marking Shell_X4A-EU_ rev.a</p>	Ok. The requirements are fulfilled.

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	<p>P120320_Marking Shell_X5A-EU_rev.a</p> <p>XA-0077-0687-3_X1A_Primary Label</p> <p>XA-0077-0689-9_X2A_Primary Label</p> <p>XA-0077-0691-5_X3A_Primary Label</p> <p>XA-0077-0693-1_X4A_Primary Label</p> <p>XA-0077-0695-6_X5A_Primary Label</p>	
7. Additional documentation	<p>P951362_3M_Quality assurance EN 352-1_120910</p> <p>3M Svenska AB_Material Declaration_X-Series_120906</p> <p>XA-0077-4244-9_Iss1_X1A_Primary Box</p> <p>XA-0077-4469-2_Iss1_X2A_Primary Box</p> <p>XA-0077-4476-7_Iss1_X3A_Primary Box</p> <p>XA-0077-4478-3_Iss1_X4A_Primary Box</p> <p>XA-0077-4480-9_Iss1_X5A_Primary Box</p>	<p>Ok. The Quality Assurance contains adequate information.</p> <p>Other additional documentation is adequate.</p>

The technical documentation is considered adequate and valid. The product supplied by the applicant conforms to the technical documentation.

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4. Tests

The 3M Peltor X Series has been tested in accordance with European standard EN 352-1:2002 by accredited testing methods.

5. Compliance with basic health and safety requirements

The 3M Peltor X Series complies with applicable basic health and safety requirements stated in Directive 89/686/EEC as amended by 93/95/EEC, 93/68/EEC and 96/58/EC.

6. Note

Any modification in design, materials, or in the technical documentation, must be brought to the attention of Combitech AB/ Certification.

7. Validity

This certificate is valid until 14 November 2017.

End of EC type examination certificate No. CAB-93541

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