



Finnish Institute of
Occupational Health

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

EC TYPE EXAMINATION CERTIFICATE

12124BGS01

for level-dependent earmuff type hearing protector with electrical
audio input and FM radio attached to industrial safety helmets
as defined in EN 352-3:2002, EN 352-4:2001/A1:2005,
EN 352-6:2002 and EN 352-8:2008

Sync Electo H

Sperian Hearing Protection LLC
7828 Waterville Road
San Diego CA 92154
USA

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

Helsinki, 2 May 2012

Helena Mäkinen
Team Leader

Anna Ruhala
Senior Specialist

This certificate comprises 3 pages and an appendix.

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



1. Applicant

Sperian Hearing Protection LLC
7828 Waterville Road
San Diego CA 92154
USA

2. Description and identification of the product

Type: Level-dependent earmuff type hearing protector with electrical audio input and FM radio attached to industrial safety helmets with Protector HC600 as the basic combination as defined in EN 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008

Name: Sync Electro H

Size range: Small, medium and large

Manufacturer: Sperian Hearing Protection LLC

Pictures of the product:



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 352-3:2002, EN 352-4:2001/A1:2005, EN 352-6:2002 and EN 352-8:2008 by accredited testing methods. 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 these type examined products must be brought to the attention of FIOH.

Appendix 1. Technical documentation

End of EC type certificate 12124BGS01.



**Technical and other documentation regarding EC type examination certificate
12124BGS01**

Product name: Sync Electro H
Applicant: Sperian Hearing Protection LLC

<i>Item of documentation</i>	<i>Document identification</i>	<i>Assessment</i>
1. Application for the EC type examination	Charlotte Loomis, 2012-04-12	Adequate
2. Product drawings, constructions, and material lists	Sync Electro Muff Assembly 1030333, 2009-01-01 and Sync Electro HF Muff Assembly 1030334, 2009-01-01 appendix to application	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	2012-05-02	The applied harmonised standards 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 FIOH test report	181405T01, 2012-02-20 for Sync Electro H	The product fulfils the requirements of EN 352-3:2002.
3.3 Combitech AB test reports	AcuLab/2012:0008, 2012-01-03 for Honeywell Sync Electro	The product fulfils the requirements of EN 352-4:2001/A1:2005.
	AcuLab/2011:0060, 2011-12-22 for Honeywell Sync Electro	The product fulfils the requirements of EN 352-6:2002.
	AcuLab/2011:0061, 2011-12-22 for Honeywell Sync Electro	The product fulfils the requirements of EN 352-8:2008.
3.4 Draft information sheet	Appendix to application	Adequate
3.5 Product markings	On product	Fulfils the requirements
4. Description of the production quality system and related product control and test facilities	Certificate No FM 38703 appendix to application	Adequate

End of documentation list