

# Combitech EC type-examination Notified Body No. 2279

# EC TYPE-EXAMINATION CERTIFICATE

No. CAB-24661

For hearing protectors

As defined in EN 352-1:2002, EN 352-6:2002 and EN 352-8:2008

SYNC Radio

and

SYNC Radio Hi-Vis

Sperian Hearing Protection LLC

These products complies with Directive 89/686/EEC

Arboga, 17 Oct 2011

Bengt Rydh

Certification Manager

Alf Nilsson

Certification Engineer



EC type examination certificate No. CAB-24661

## 1. Applicant

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

### 2. Identification

Type: Headband ear-muff with radio and electrical input

Name: Howard Leight SYNC Radio, Howard Leight SYNC Radio Hi-Vis

Description: Passive headband ear-muff with AM/FM-radio and electrical audio

input. Color: black or lime/yellow florescent.

Manufacturer: Sperian Hearing Protection, LLC

### 3. Technical documentation

Technical documentation		Document identification	Assessment
1.	Application	CAB-25242 (SYNC Radio) CAB-25244 (SYNC Radio Hi-Vis)	Ok
2.	Product drawing, construction and material list	SYNC Radio: 1030330, PRELIM2, 2011-06-08 1030331, rev C, 2010-12-22 90021155, PRE2, 2011-06-08 90021020, PRELIM3, 2011-06-08	Ok
		SYNC Radio Hi-Vis: 1030332, PRELIM2, 2011-06-08 1030331, rev C, 2010-12-22 90021158, PRE2, 2011-06-09 90021021, PRELIM3, 2011-06-08	Ok



Te	chnical documentation	Document identification	Assessment
3.	Applicant's report on applied basic requirements	SYNC Radio: 1030330, PRELIM2, 2011-06-08 90021155, PRE2, 2011-06-08 90021020, PRELIM3, 2011-06-08	Ok
		SYNC Radio Hi-Vis: 1030332, PRELIM2, 2011-06-08 90021158, PRE2, 2011-06-09 90021021, PRELIM3, 2011-06-08	Ok
4.	Accredited test report	AcuLab/2011:0014A (EN352-1) AcuLab/2011:0026 (EN352-6) AcuLab/2011:0027 (EN352-8) Intertek EMC test report 1117714D-1	OK The reports are for SYNC Radio. Valid also for SYNC Radio Hi-Vis
5.	Draft information sheet	90021509 User Instructions rev 1.0	Ok. The table of attenuation, max voltage and headband force stated in the user instructions corresponds to the values stated in the test reports
6.	Product marking drawings	SYNC Radio: 1030330, PRELIM2, 2011-06-08 90021155, PRE2, 2011-06-08 90021020, PRELIM3, 2011-06-08 90021506, rev1.0 90021507, rev1.0	Ok
		SYNC Radio Hi-Vis: 1030332, PRELIM2, 2011-06-08 90021158, PRE2, 2011-06-09 90021021, PRELIM3, 2011-06-08 90021511, rev1.0 90021512, rev1.0	Ok



Technical documentation	Document identification	Assessment Ok
7. Additional documentation	Declaration of material content, May 25, 2011	
	Certificate FM38703 - ISO9001:2008, Latest issue June 08, 2011.	Ok
	EC Declaration of conformity SS056_rev1.2, September 13, 2011	Ok

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

### 4. Tests

The product has been tested in accordance with European standards EN 352-1:2002, EN 352-6:2002 and EN 352-8:2008 by accredited testing methods.

# 5. Compliance with basic health and safety requirements

The product 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 17 Oct 2016.

End of EC type examination certificate No. CAB-24661