



PRODUCT NUMBER: 1030333

Sync Electo

Sync Electo Digital FM Radio and Stereo

[Learn more about our products at howardleight.com](http://howardleight.com)

>

[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



Overview

Reference Number

1030333

Product Type

Hearing Protection

Brand

Howard Leight by Honeywell

Brand formerly known as

HOWARD LEIGHT

Industry

- Agriculture
- Army - Defence
- Automotive and Part Manufacturer
- Building and Construction
- General Industry
- Maintenance
- Metal steel
- Mining and Quarrying
- Offshore
- Paper Industries
- Printing Industries
- Services
- Ship Building
- Transportation
- Utilities
- Welding

Features & Benefits

Feature

Electo combines the entertainment benefit of our FM Radio earmuff with advanced sound amplification technology that allows wearers to hear important communications – other co-workers, alarms and important warning signals – at a safely amplified level, while listening to the radio. Positioned microphones provide more natural, directional hearing. Through advanced response technology, Electo amplifies incoming sounds to 82dB, then acts as a passive earmuff for sounds above 85dB. Digital FM tuning with LCD display High quality FM reception 10 station memory presets Audio input jack; 3.5 mm cable included Radio and audio volume does not exceed 82 dB Sound amplification allows wearers to hear important communication – alarms/warning signals, co-workers' voices Directionally placed stereo microphones amplify and enhance sound for more natural hearing Separate controls for sound amplification and radio volume Lightweight design provides all-day comfort Reinforced fork slides for easy and comfortable fit Features patented Airflow Control Technology - snap-in ear cushions make replacement quick and easy 101 hour battery life from two (2) AA batteries included Helmet version available

Technical Description

SNR (dB)

29

H (dB)

29

M (dB)

27

L (dB)

22

Earmuff Construction

Metal

Dielectric

No

Batteries Needed

2AA

Battery Autonomy (hrs)

101

Weight (grs)

374 g

Headband Style

Over-Head

Sound Amplification

Yes

AM/FM Radio

Yes

Audio Input Jack

Yes

Certifications

 E.C. Declaration of Conformity

EC Category PPE

1

Quality Assurance

ISO 9001 / 2000

EC Attestation

 EC Attestation

Certifications

- NIOSH n/a

REACH

<p>EU Regulation 1907/2006 (REACH) Compliance The substance(s) listed below may be contained in this product above the threshold level of 0.1% by weight of the listed article.</p>	
Product Reference Sold in Europe	Substance > 0.1%
Substance Name	CAS Number
No Substance Content	

Photos & Images

HL_Sync_Electo_large

<http://www.honeywellsafety.com/assets/0/324/804/805/7c2ac56d-f1a1-497f-9f76-c92a757ae323.jpg>

Additional Information

User Manual

Sync Electo user guide

Packaging

EAN Code

7312550303337

UPC Code/Case

17312550302224

Unit of Measure

1 eac (box), 5 each (case)

Country of Origin

Made in China

Combitech EC type-examination

Notified Body No. 2279

EC TYPE-EXAMINATION

CERTIFICATE

No. CAB-46724

For hearing protector

As defined in

EN 352-1:2002, EN 352-4:2001, EN 352-6:2002 and EN 352-8:2008

SYNC Electro

Sperian Protection Sweden AB

This product complies with Directive 89/686/EEC

Arboga, 6 March 2012



Bengt Rydh

Certification Manager



Alexander Storm

Certification Engineer

This certificate comprises 4 pages, of which this is page 1

1. Applicant

Sperian Protection Sweden AB

Strandbadsvägen 15

252 29 Helsingborg

Sweden

2. Identification

Type: Headband radio ear-muff

Name: SYNC Electro

Description: Level dependent headband ear-muff with FM-radio and electrical audio input. Color: black.

Manufacturer: Sperian Hearing Protection, LLC

3. Technical documentation

Technical documentation	Document identification	Assessment
1. Application	CAB-46726	Ok
2. Product drawing, construction and material list	1030333 Rev.A - Sync Electro Muff Assembly drawing 90021161 Rev.PRELIM 3 - SYNC Electo Headband_20110414	Ok
3. Applicant's report on applied basic requirements	90021153 Rev.PRE - Cup-Black, SYNC, Electro, Electronic-side, Printed_20110414 90021161 Rev.PRELIM 3 - SYNC Electo Headband_20110414	Ok

This certificate comprises 4 pages, of which this is page 2

4. AT test reports	<p>AcuLab/2011:0059 (EN352-1)</p> <p>AcuLab/2012:0008 (EN352-4)</p> <p>AcuLab/2011:0060 (EN352-6)</p> <p>AcuLab/2011:0061 (EN352-8)</p> <p>AcuLab/2011:0014A (EN352-1 SYNC Radio)</p> <p>117714D-2 Intertek EMC Test report SYNC Electo_20110901</p>	<p>Ok, SYNC Electo has been tested for conformity to SYNC Radio according to EN352-1.</p> <p>AcuLab/2011:0014A shows the test results for SYNC Radio according to EN352-1 and AcuLab/2011:0059 shows the result for the conformity test of SYNC Electo.</p>
5. Draft information sheet	<p>90021518 User instructions Rev.1.0</p> <p>90021516 Rev.1.0 - Digital AMFM Radio Box</p>	<p>Ok, The table of attenuation, criterion levels and electrical input level stated in the user instructions correspond to the values stated in the test reports.</p>
6. Product marking drawings	<p>9002153 Rev.PRE - Cup-Black, SYNC, Electo, Electronic-side, Printed_20110414</p> <p>9002161 Rev.PRELIM 3 - SYNC Electo Headband_20110414</p> <p>90021516 Rev.1.0 - Digital AMFM Radio Box</p>	<p>Ok</p>
7. Additional documentation	<p>Declaration of material content_20111222</p> <p>FM38703 Sperian Hearing Protection, LLC - ISO9001_20110608</p> <p>SS056 Rev.1.3 - EC Declaration of conformity (draft)</p>	<p>Ok</p>

This certificate comprises 4 pages, of which this is page 3

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

4. Tests

The SYNC Electro has been tested in accordance with European standards EN 352-1:2002, EN 352-4:2001, EN 352-6:2002 and EN 352-8:2008 by accredited testing methods.

5. Compliance with basic health and safety requirements

The SYNC Electro 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 6 March 2017.

End of EC type examination certificate No. CAB-46724

This certificate comprises 4 pages, of which this is page 4



E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community:

Honeywell Safety Products Europe

Declares that the Personal Protective Equipment described here after conforms to the provisions of the European Council Directive 89/686/CEE:

Designation: Sync Electo

Reference: 1030333

Standard(s): EN 352-2:2002, EN 352-6:2002, EN 352-8:2008, EN-352-1:2002

This PPE is the object of the below EC examination certificate n°:

Delivered by:

Combitech AB

SE-73281 Arboga

Sweden

tel: +46 589 800 00

Drawn up in , on the 11/06/2015

By:

Division: Hearing Protection

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www.honeywellsafety.com