View More

PRODUCT NUMBER: 1030332

1030332-Sync™ Hi-Vis Digital AM/FM Radio

High quality digital AM/FM radio reception

Learn more about our products at howardleight.com >

Learn more about hearing conservation at hearforever.org >

Overview

Reference Number

1030332

Product Type

Hearing Protection

Range

earmuffs

Line

Radio Earmuffs

Brand

Howard Leight

Industry

- Agriculture
- Automotive and Part Manufacturer
- Building and Construction
- Chemical Industries
- Energy or Electricity
- Food Industries
- General Industry
- Iron and steel industry
- Maintenance
- Metal steel
- Petro-chemical
- Transportation
- Utilities

Product Use

The SYNC Radio earmuff is a hearing protector with built-in full-stereo FM and AM radio. It allows you to listen to radio-reception in the FM-band between 87,5 and 108 MHz and in the AM-band between 520 and 1710 kHz, while still protecting your hearing in an efficient and

comfortable way.

Features & Benefits

Feature

Bright Green Earcups

Benefit

•Provide high visibility and contrast in low lighting

Feature

Exclusive Reflective Headband

Benefit

•Reflects when illuminated, providing increased visibility and safety

Feature

Digital AM/FM Tuning with LCD Display

Benefit

•Automatically searches for radio stations•Clean, crisp digital radio reception and high-fidelity stereo sound quality will keep workers in tune throughout their workday.

Feature

10 Pre-Set Stations

Benefit

•Easy to use and to switch from one station to another one

Feature

82 dBA Maximum Volume Output(based on input of 120 mV)

Benefit

•Listening level safer, even when they listen to their own MP3 player

Feature

Volume Memory

Benefit

•Select your preferred volume once, no need to readjust it each time you turn the radio earmuff on

Feature

Cool Headband / Earcup Design

Benefit

•Sleek diamond pattern headband with red stitching looks cool, easy to clean•Reinforced fork slides with handholds for easy and comfortable fit•Textile avoids heat transmission common with plastic headbands

Feature

Outer Slip-Lid Battery Compartment

Benefit

•No tools required / easy to use

Feature

2AA Batteries

Benefit

•Provides listening enjoyment for up to 111 hours (3 weeks based on 38 hours per working week)

Feature

SNR 29 H 29 / M 27 / L 22

Benefit

•Ideal for most of noisy environments

Feature

Blister Pack

Benefit

•Clear display shows product•Can be hanged on rack or placed on shelf for in-store merchandising

Technical Description

SNR (dB)

29

H (dB)

29

M (dB)

27

L (dB)

23

Earmuff Construction

None

Dielectric

No

Color

Black

Batteries Needed

2AA

Battery Autonomy (hrs)

111

Weight (grs)

0.37kg

Design Patents

Air Flow Control, Volume Management Technology

Headband Style

Over-Head

Sound Amplification
No

AM/FM Radio
Yes

Automatic Shut-Off Function
Yes

Audio Input Jack
Yes

Hi-Visibility
Yes

Certifications

E.C. Declaration of Conformity

EC Category PPE
2

Quality Assurance
ISO 9001 / 2000

EC Attestation
EC Attestation

EC Attestation Number
CAB-24661

REACH

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.	
Product Reference Sold in Europe	**Substance > 0.1%**
Substance Name	**CAS Number**
No Substance Content	

SS056 Rev_1_3 EC Declaration of Conformity - Electronic Earmuffs
http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearin

Literature & Documents

E.C. Declaration of Conformity

SyncFamily_Brochure_UK
http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearin

We're sorry, there are no images available at this time.

Additional Information

User Manual

90021509_SYNC Radio

Parts & Accessories

Accessories

Hygien Kit : ref1015280

Packaging

UPC Code

7312550303320

UPC Code/Case

17312550303327

Unit of Measure

Each

Quantity per Box/Pack/Case

5 EA per Case

Country of Origin

China

© Honeywell International Inc.

COMBITECH

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

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

Combitech AB
Postal address
SE-732 81 Arboga
Sweden
Visiting address
Kungsörsvägen 68

Telephone
+46 589 800 00
Telefax
+46 589 135 91

Registered office
Växjö

Registered No
556218-6790

VAT No
SE556218679001
www.combitech.se
aculab@combitech.se

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 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 Ok

Combitech AB
Postal address
SE-732 81 Arboga
Sweden
Visiting address
Kungsörsvägen 68

Telephone
+46 589 800 00
Telefax
+46 589 135 91

Registered office
Växjö

Registered No
556218-6790

VAT No
SE556218679001
www.combitech.se
aculab@combitech.se

Technical 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 SYNC Radio Hi-Vis: 1030332, PRELIM2, 2011-06-08 90021158, PRE2, 2011-06-09 90021021, PRELIM3, 2011-06-08	Ok 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 90021508, rev1.0 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 90021513, rev1.0	Ok Ok

Combitech AB
Postal address
SE-732 81 Arboga
Sweden
Visiting address
Kungsörsvägen 68

Telephone
+46 589 800 00
Telefax
+46 589 135 91

Registered office
Växjö

Registered No
556218-6790

VAT No
SE556218679001
www.combitech.se
aculab@combitech.se

Technical documentation	Document identification	Assessment
7. Additional documentation	Declaration of material content, May 25, 2011	Ok
	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

Combitech AB
Postal address
SE-732 81 Arboga
Sweden
Visiting address
Kungsörsvägen 68

Telephone
+46 589 800 00
Telefax
+46 589 135 91

Registered office
Växjö

Registered No
556218-6790

VAT No
SE556218679001
www.combitech.se
aculab@combitech.se

Honeywell

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: 1030332-Sync™ Hi-Vis Digital AM/FM Radio
Reference: 1030332
Standard(s): 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 San Diego, CA, USA, on the 03/12/2014
By: Neil Bergstrom
Division: Hearing Protection

Zl Paris Nord II 33, rue des Vanesses BP 50288 95958 Roissy CDG France
Tel: +33 (0) 49 90 79 79 Fax: +33 (0)1 49 90 79 80
www.honeywellsafety.com

Sync™

Ref.:	Description	Packaging
1030111	Sync Stereo	Clamshell
1030330	Sync Digital AM/FM Radio	Clamshell
1030332	Sync Hi-Vis Digital AM/FM Radio	Clamshell
1030333	Sync Electo	Box

Sync Attenuation Data I Testing in accordance with EN352-1:2002.

Sync Stereo I SNR 31 H 32 dB – M 28 dB – L 23 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	19.2	21.2	23.1	28.1	31.7	34.1	38.5	39.3
Standard Deviation	3.0	3.4	2.4	2.4	3.1	3.1	2.4	3.7
Assumed Protection	16.2	17.8	20.7	25.7	28.6	31.0	36.1	35.6

Sync Digital AM/FM Radio & Hi-Vis Digital AM/FM Radio I SNR 29 H 29 dB – M 27 dB – L 23 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	19.0	22.6	26.3	29.8	29.0	37.2	37.3	-
Standard Deviation	3.0	2.3	2.0	1.5	2.3	2.7	3.7	-
Assumed Protection	16.0	20.3	24.3	28.2	26.7	34.5	33.6	-

Sync Electo I SNR 29 H 29 dB – M 27 dB – L 23 dB

Frequency Hz	63	125	250	500	1000	2000	4000	8000
Mean Attenuation	19.0	22.6	26.3	29.8	29.0	37.2	37.3	-
Standard Deviation	3.0	2.3	2.0	1.5	2.3	2.7	3.7	-
Assumed Protection	16.0	20.3	24.3	28.2	26.7	34.5	33.6	-

Sync Fitting Instructions

Fitting: Place the ear cups over the outer ear. Adjust the headband by sliding the headband up or down at the attachment buttons. The ear cushions should seal firmly against the head.
Optimized Fit: For best results, remove all hair under the cushion. Noise reduction will be adversely affected by anything that impairs the seal of the earmuff cushions against the head, such as thick spectacle frames, balaclavas, etc.

WARNING: All hearing protection affords limited protection. The user is responsible for the proper selection, use, care and maintenance of this device. Improper selection (including under/over protection), use or maintenance may lead to serious hearing loss.

WARNING: For portable audio devices with output greater than 126mV, the manufacturer cannot guarantee that volume of the Sync will be limited to 82dB. Failure to maintain output levels at 126mV or less while using this device could result in hearing loss to the user of this product over time.

FSC www.fsc.org MIX Paper from responsible sources FSC® C022074

HONEYWELL SAFETY PRODUCTS

Sperian Protection UK LTD
Unit 3 Elmwood - Chineham Park
Basingstoke - RG24 8WG -
United Kingdom
Phone: +44 (0) 1256 693 200
Fax: +44 (0) 1256 693 300
uksales@sperian.com

Sperian Protection
Immeuble Edison Paris Nord 2
33 rue des Vanesses - BP 55288 Villepinte
95958 Roissy CDG Cedex - France
Tel : +33 (0)1 49 90 79 79
Fax : +33 (0)1 49 90 71 04
info-export@sperian.com

HOWARD LEIGHT by Honeywell

www.howardleight.com
www.honeywellsafety.com

DOC-2557

Most radio earmuffs provide some level of hearing protection, but often sacrifice sound quality for attenuation.

That's why we created Sync™, the latest innovations in passive hearing protection for active lifestyles.

Stereo and radio earmuffs that are in sync with proper levels of hearing protection, high-fidelity sound, and your ability to listen to the radio and personal listening devices safely at work — and at home.

- Both comfort and fit are ensured on all Sync earmuffs by its padded diamond-patterned headband and reinforced fork slides that keep it in place when worn.
- Sync Stereo's Volume Management Technology™ manages sound levels reaching the user's ear to safer levels.

Sync™ Stereo

Plug in and go! Safety managers love Sync Stereo earmuffs as much as their workers do. Users simply plug in MP3 players and personal listening devices, and listen. There are no volume knobs or power switches to coordinate nor batteries to replace. Sync Stereo's ease-of-use is enhanced by maintaining volume and power control through the MP3 player. Plus, Sync Stereo's technologically advanced acoustical bass chamber enhances bass sounds that are typically sacrificed in traditional industrial stereo earmuffs.

Sync™ Digital AM/FM Radio

Improved performance. Studies have shown that workers allowed to wear hearing protectors that integrate AM/FM radios are more productive and motivated on the job. With the new Sync Digital AM/FM Radio, not only can workers be more productive, they will enjoy their listening experience even more! Its digital tuning interface automatically searches for radio stations and can store up to 10 stations in its memory. Inside and outdoors, Sync Digital AM/FM Radio's clean, crisp digital radio reception and high-fidelity stereo sound quality will keep workers in tune throughout their workday.

- 10 pre-set stations and volume memory can be personalized for each worker.
- Lightweight slim earcup design more comfortable to wear during the work day.
- LCD display
- All Sync earmuffs feature a 3.5mm AUX input jack and connection cable.

- Bright green earcups provide high visibility and contrast, reflective headband illuminates under light for increased visibility and safety.
- All Sync earmuffs feature patented Air Flow Control™ technology, delivering optimal attenuation across all frequencies without increasing earcup size or weight.

Sync™ Hi-Vis Digital AM/FM Radio

Total protection, visibility and productivity. The Sync Hi-Vis Digital AM/FM Radio provides workers with a total solution for hearing protection, motivation, and visibility. In addition to Sync Digital AM/FM Radio features, its eye-catching bright green earcups provide a highly noticeable contrast against dark settings. Plus, Sync Hi-Vis Digital AM/FM Radio is the only radio earmuff that incorporates an exclusive reflective headband that illuminates when exposed to light, providing increased visibility and safety on the job.

Sync™ Electo®

Situational awareness. Sync Electo combines the entertainment benefit of our Digitial AM/FM Radio with advanced sound amplification technology for improved situational awareness. Directionally placed stereo microphones amplify and enhance ambient sound up to 82 dB, allowing workers to hear important communication — alarms/warning signals, co-workers' voices — more effectively. For ambient noise exposures above 82 dBA, Sync Electo's listening circuitry manages speaker volume to a level that does not exceed 82 dBA.

- Separate knobs adjust volume for radio and sound amplification.
- Sync Electo is available in headband and helmet models. Helmet model includes set of adapters to use with popular helmets.

- Built-in microphones reproduce ambient sounds, retaining sense of direction.