



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
- TransportationUtilities

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

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

•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

1030332-Sync™ Hi-Vis Digital AM/FM Radio **Sound Amplification** No AM/FM Radio Yes **Automatic Shut-Off Function Audio Input Jack** Yes **Hi-Visibility** Yes E.C. Declaration of Conformity **EC Category PPE** 2 Certifications **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 E.C. Declaration of Conformity

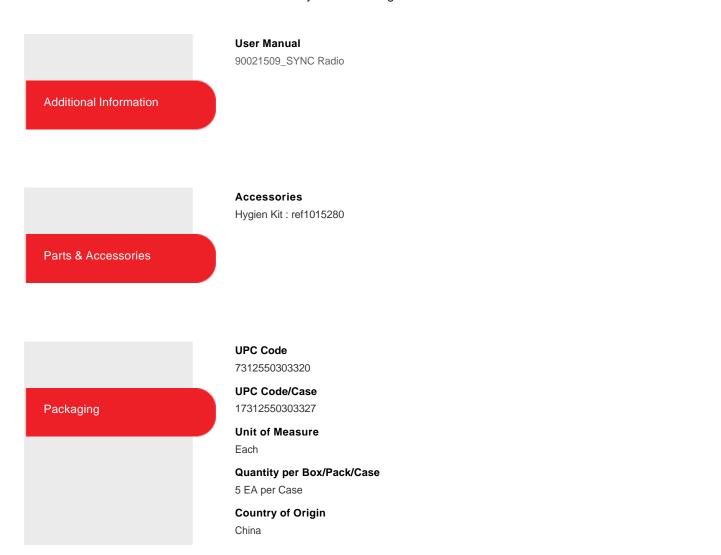
We're sorry, there are no images available at this time.

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

SyncFamily_Brochure_UK

Literature & Documents

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



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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	



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	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 90021508, 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		

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



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

Honeywell

E.C. Declaration of Conformity

The manufacturer or its legal representative supplier in the European Community: Honeywell Safety Products Europe

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

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

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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 CND 04	III OO AD	MI OO AD	
	SWE ST	H 37 HK -	W /8 NB —	1 /3 NB

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					3.1		3.7	
Assumed Protection	16.2	17.8	20.7	25.7	28.6	31.0	36.1	35.6	

<u>63</u> 125 250 500 1000 2000 4000 8000 3.0 2.3 2.0 1.5 2.3 2.7 3.7

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		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.



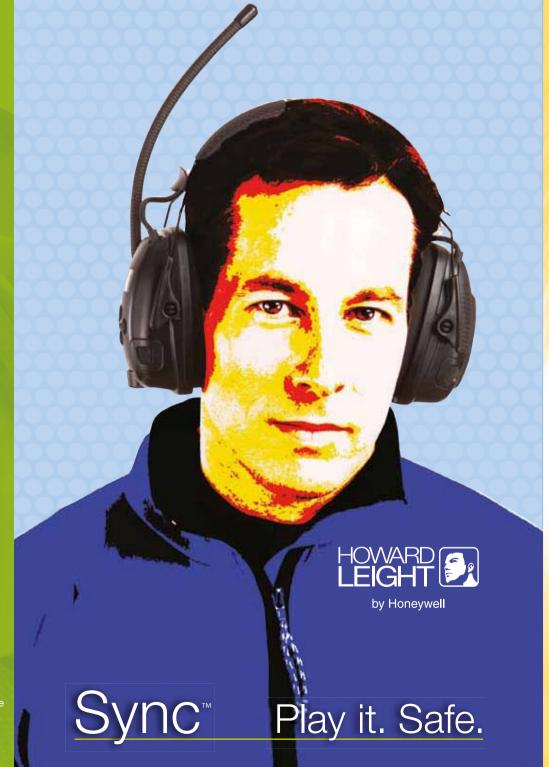
HONEYWELL SAFETY PRODUCTS

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www.honeywellsafety.com





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.





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

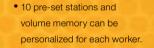
> digital radio reception and high-fidelity stereo sound quality will keep

workers in tune throughout their workday.



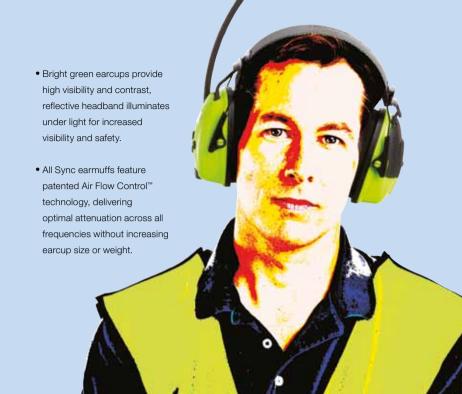
Plug in and go! Safety managers love Sync Stereo earmuffs as much as their workers do. Users simply plug in MP3 players and personal listening devices, and listen. There are no volume knobs or power switches to coordinate nor batteries to replace. Sync Stereo's ease-of-use is enhanced by maintaining 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.

diamond-patterned headband and reinforced fork slides that keep it in



95.8

- 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.



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.