

CODE ARTICLE: 1030330
1030330 - Sync™ Radio
numérique AM/FM

Réception radio numérique AM/FM de haute qualité



Présentation générale

Numéro de référence

1030330

Type de produit

Antibruit

Gamme

Casque antibruit

Ligne

Casques antibruit radio

Marque

Howard Leight

Industrie

- Agriculture
- Constructeur automobile et équipementier
- Bâtiment et travaux publics
- Industries chimiques
- Énergie ou électricité
- Industries alimentaires
- Industrie générale
- Industrie sidérurgique
- Maintenance
- Acierie et métallurgie
- Pétro-chimie
- Transport
- Services collectifs

Utilisation du produit

Le casque antibruit radio SYNC est une protection auditive intégrant une radio AM-FM totalement stéréo. Il permet d'écouter la radio sur la bande FM entre 87,5 et 108 MHz et sur la bande AM entre 520 et 1 710 kHz tout en protégeant l'audition de manière efficace et confortable.

Caractéristiques & Avantages

Caractéristique

Syntonisation numérique AM/FM avec affichage LCD

Avantage

•Recherche automatique des stations de radio•Les employés resteront à l'écoute toute la journée grâce à la réception radio numérique nette et claire ainsi qu'à la qualité du son stéréo haute fidélité.

Caractéristique

10 stations pré-réglées

Avantage

•Facilité d'utilisation et de passage d'une station à l'autre

Caractéristique

Volume maximal de sortie : 82 dBA (pour une entrée de 120 mV).

Avantage

•Niveau d'écoute plus sûr, même lorsque l'utilisateur écoute son propre lecteur MP3

Caractéristique

Mémoire du volume

Avantage

• Sélectionnez une fois le volume que vous préférez : ensuite plus besoin de le régler chaque fois que vous allumez le casque radio

Caractéristique

Design moderne de l'arceau et des coquilles

Avantage

•Bandeau avec motif épuré en forme de diamants et coutures rouges, facile à nettoyer•L'arceau renforcé coulisse grâce à des poignées pour un ajustement facile et confortable•Le tissu évite la transmission de chaleur courante avec les arceaux en plastique

Caractéristique

Compartiment à pile externe avec couvercle

Avantage

•Aucun outil nécessaire / facile à utiliser

Caractéristique

2 piles AA

Avantage

•Offre un plaisir d'écoute jusqu'à 111 heures (3 semaines à raison de 38 heures par semaine)

Caractéristique

SNR 29 H 29 / M 27 / L 22

Avantage

•Idéal pour la plupart des environnements bruyants

Caractéristique

Emballage Blister

Avantage

•Produit visible •Peut être accroché ou posé sur une étagère pour la commercialisation en magasin

Descriptif technique

SNR (dB)

29

H (dB)

29

M (dB)

27

L (dB)

23

Conception des casques antibruit

None

Diélectrique

Non

Couleur

Noire

Piles nécessaires

2AA

Autonomie des piles (heures)

111

Poids(g)

0,37 kg

Dessins et modèles

Air Flow Control, Volume Management Technology

Style de serre-tête

Over-Head

Amplification sonore

Non

Radio AM/FM

Oui

Fonction d'interruption automatique

Oui

Prise d'entrée audio

Oui

Haute visibilité

Non

Certifications

 **Déclaration de conformité CE**

EPI catégorie CE

2

Assurance qualité

ISO 9001 / 2000

Attestation CE EC Attestation**Numéro d'attestation**

CAB-24661

REACH**Conformité au règlement CE 1907/2006 (REACH)**

The substance(s) listed below may be contained in this product above the threshold level of 0.1% by weight of the listed article.

Références des produits vendus en Europe**Substance > 0,1 %****Nom de la substance****Numéro CAS**

No Substance Content

 **SS056 Rev_1_3 EC Declaration of Conformity - Electronic Earmuffs**

http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearing_protection/earmuffs/4294968404/1033.aspx

Documentation

 **SyncFamily_Brochure_UK**

http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearing_protection/earmuffs/4294968406/1033.aspx

Informations complémentaires

Manuel d'utilisation

90021509_SYNC Radio

Pièces & Accessoires

Accessoires

Kit hygiène : ref1015280

Conditionnement

Code UPC

7312550303306

Code UPC/Étui

17312550303303

Unité de mesure

Chacun

Quantité par boîte/kit/étui

5 unités par carton

Pays d'origine

Chine

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

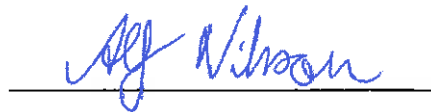
These products complies with Directive 89/686/EEC

Arboga, 17 Oct 2011



Bengt Rydh

Certification Manager



Alf Nilsson

Certification Engineer

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

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

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

Technical documentation	Document identification	Assessment
3. Applicant's report on applied basic requirements	<p>SYNC Radio: 1030330, PRELIM2, 2011-06-08 90021155, PRE2, 2011-06-08 90021020, PRELIM3, 2011-06-08</p> <p>SYNC Radio Hi-Vis: 1030332, PRELIM2, 2011-06-08 90021158, PRE2, 2011-06-09 90021021, PRELIM3, 2011-06-08</p>	<p>Ok</p> <p>Ok</p>
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	<p>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</p> <p>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</p>	<p>Ok</p> <p>Ok</p>

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

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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

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



Déclaration de conformité CE

Le fabricant ou le fournisseur agissant en qualité de représentant légal au sein de la Communauté européenne:

Honeywell Safety Products Europe

Déclare que l'Équipement de Protection Individuelle décrit ci-dessous est conforme aux dispositions de la Directive européenne 89/686/CEE:

Désignation: 1030330 - Sync™ Radio numérique AM/FM

Référence: 1030330

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

Cet EPI fait l'objet du certificat d'examen CE ci-dessous, n °:

Délivré par:

Combitech AB

SE-73281 Arboga

Sweden

tel: +46 589 800 00

Fait en San Diego, CA, USA, le 11/06/2015

Par: Neil Bergstrom

Division: Antibruit

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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 Electro	Box

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

Sync Stereo | 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 | 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 Electro | 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.



HONEYWELL SAFETY PRODUCTS

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www.howardleight.com
www.honeywellsafety.com

DOC 2557



Sync™ Play it. Safe.

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.



- 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.



- 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.

Sync™ Electro®

Situational awareness. Sync Electro combines the entertainment benefit of our Digital 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 Electro'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 Electro 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.