

ARTIKEL-NUMMER: 1030330

1030330-Sync™ Digital-AM/FM-Radio

Ausgezeichneter digitaler UKW/MW-Radioempfang



+  Mehr Branchen

Überblick

Referenznummer

1030330

Produkttyp

Gehörschutz

Programm

Kapselgehörschützer

Futter

Radio-Kapselgehörschützer

Marke

Howard Leight

Branche

- Landwirtschaft
- Automobilindustrie und Bauteilproduktion
- Bauindustrie
- Chemische Industrie
- Strom und Energieversorgung
- Lebensmittelindustrie
- Allgemeine Industrie
- Eisen- und Stahlindustrie
- Wartung und Instandhaltung
- Stahl- und Metallindustrie
- Petrochemie
- Transportwesen
- Versorgungsunternehmen

Produktverwendung

Der SYNC-Radio-Kapselgehörschützer ist ein Gehörschutz mit integriertem Stereo-UKW- und MW-

Radio. Damit können Sie Radioprogramme zwischen 87,5 und 108 MHz (UKW) und zwischen 520 und 1710 kHz (MW) hören, wobei Ihr Gehör ständig wirksam und komfortabel vor Lärm geschützt ist.

Eigenschaften und Nutzen

Funktion

Digitales UKW/MW-Tuning mit LCD-Display

Nutzen

- Automatische Suche nach Radiosendern
- Klarer, reiner digitaler Radioempfang und Hifi-Stereosound-Qualität halten Arbeiter den ganzen Tag lang in Schwung.

Funktion

10 voreingestellte Sender

Nutzen

- Benutzerfreundlich mit einfachem Senderwechsel

Funktion

Maximale Ausgangslautstärke 82 dBA (bei einem Input von 120 mV)

Nutzen

- Sicheres Hören, auch wenn ein eigener MP3-Player angeschlossen wird

Funktion

Lautstärkespeicherung

Nutzen

- Wählen Sie Ihre bevorzugte Lautstärke nur einmal, kein erneutes Einstellen beim nächsten Anlegen des Gehörschutzes mehr nötig

Funktion

Cooler Kopfbügel-/Kapseldesign

Nutzen

- Der schlanke Kopfbügel mit Diamantmuster und roter Bestickung sieht cool aus und ist einfach zu reinigen
- Verstärkte Gabelschieber mit Griffen für einfachen und bequemen Sitz
- Textilmaterial vermeidet die bei Plastikkopfbügeln häufige Hitzeübertragung

Funktion

Batteriefach außen mit Schiebeabdeckung

Nutzen

- Kein Werkzeug erforderlich/einfach zu verwenden

Funktion

2 AA-Batterien

Nutzen

- Betriebsdauer bis zu 111 Stunden (etwa drei Wochen bei 38 Arbeitsstunden pro Woche)

Funktion

SNR 29 H 29 / M 27 / L 22

Nutzen

- Ideal für die meisten Umgebungen mit hoher Lärmbelastung

Funktion

Blisterverpackung

Nutzen

- Transparente Verpackung: Produkt kann angesehen werden
- Kann im Laden auf Regal ausgestellt werden

Technische Beschreibung

SNR (dB)

29

H (dB)

29

M (dB)

27

L (dB)

23

Aufbau des Kapselgehörschützers

None

Di-elektrisch

No

Farbe

Schwarz

Batterien benötigt

2AA

Batterielebensdauer (Std.)

111

Gewicht (g)

0,37 kg

Designpatente

Air Flow Control, Volume Management Technology

Art des Kopfbügels

Over-Head

Geräuschverstärkung

No

AM/FM Radio

Yes

Automatische Abschaltfunktion

Yes


Audioeingangsbuchse

Yes

Hohe Sichtbarkeit

No

Zertifizierungen

 **EU-Konformitätserklärung**

EG-Kategorie PSA

2

Qualitätssicherung

ISO 9001 / 2000

EG-Baumusterprüfbescheinigung

 CAB-24661 SYNC-Radio und SYNC-Radio Hi-Vis

Nr. EG-Baumusterprüfbescheinigung


CAB-24661

REACH

Einhaltung der EU-Verordnung 1907/2006 (REACH)


Die unten aufgeführten Stoffe können in diesem Produkt oberhalb des Schwellenwerts von 0,1 % Gewichtsanteil enthalten sein

Art.-Nr. für in Europa verkaufte Produkte	Substanz > 0,1 %
Name der Substanz	CAS-Nummer
No Substance Content	

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

http://www.sperian.de/supplementary/documents_and_downloads/secured/hearing_protection/e

Drucksachen & Dokumentationen

 **EU-Konformitätserklärung**

 **SyncFamily_Brochure_UK**


http://www.sperian.de/supplementary/documents_and_downloads/secured/hearing_protection/e

Fotos & Bilder

Leider sind momentan keine Bilder verfügbar.

Zusätzliche Informationen

Benutzerhandbuch

 90021509_R1_0_SYNC Radio_EU_insert-bkOL

Teile und Zubehör

Zubehör

Hygiene-Kit: Art.-Nr. 1015280

Verpackung

UPC-Code

7312550303306

UPC-Code Versandkarton

17312550303303

Maßeinheit

Je

Menge pro Box/Packung/Versandkarton

5 Stück pro Versandkarton

Herkunftsland

China

Honeywell

Zu anderen Regionen wechseln
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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

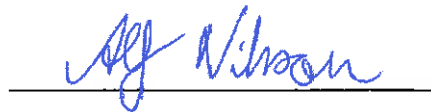
These products complies with Directive 89/686/EEC

Arboga, 17 Oct 2011



Bengt Rydh

Certification Manager



Alf Nilsson

Certification Engineer

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	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

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

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



EU-Konformitätserklärung

Der Hersteller oder sein in der EU als gesetzlicher Vertreter handelnder Lieferant:

Honeywell Safety Europe

Erklärt, dass die im Folgenden beschriebene Persönliche Schutzausrüstung die Richtlinien der Direktive des Europäischen Rates erfüllt 89/686/CEE:

Bezeichnung: 1030330-Sync™ Digital-AM/FM-Radio

Referenz: 1030330

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

Für diese PSA gilt die folgende EU-Prüfbescheinigung Nr.:

Ausgestellt von:

Combitech AB

SE-73281 Arboga

Sweden

tel: +46 589 800 00

Ort, Datum: San Diego, CA, USA, 17/05/2013

Ausgestellt von: Neil Bergstrom

Abteilung: Gehörschutz

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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 Electo	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 Electo | 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.

