



PRODUCT NUMBER: 1028457

Quiet (Corded)

Easy handling and better fit

[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

1028457

Product Type

Hearing Protection

Range

Earplugs

Line

Reusable Earplugs

Brand

Howard Leight by Honeywell

Brand formerly known as

HOWARD LEIGHT

Industry

- Industry
- Administration
- Agriculture
- Army - Defence
- ATEX environment
- Automotive and Part Manufacturer
- Aviation
- Building and Construction
- Catering
- Chemical Industries
- Energy or Electricity
- Fire Protection brigades
- Fishing
- Food Industries
- Foundry
- Glass Industries
- Green Spaces
- Homeland defense
- Industrial Cleaning
- Iron and steel industry
- Laboratory
- Logistics
- Maintenance
- Medical and Pharmaceutical
- Metal steel
- Mining and Quarrying
- Offshore
- Paper Industries
- Petro-chemical
- Printing Industries
- Services
- Ship Building
- Telecoms
- Textile Industries
- Transportation
- Utilities
- Water treatment
- Welding
- Wood Industries

Product Use

Multiple-Use Earplug

Features & Benefits

Feature

NO-ROLL DESIGN Easy to handle and fit in the ear canal. **BUILT-IN INSERTION STEM** Makes insertion quick and easy. **CONTOURED SHAPE** Comfortably matches contours of the ear canal. **SMOOTH, NON-IRRITATING SKIN** Provides all day comfort, easy to clean for long-term use.

Benefit

For great protection and comfort from a reusable earplug, Quiet provides consistent attenuation for all-day wear. Quiet requires no rolling – its built-in flexible stem adds in ease of insertion and immediate comfort. Its smooth, non-irritating skin provides all-day comfort and is easy to clean up with soap/water for extended wear.

Technical Description

SNR (dB)

28

H (dB)

29

M (dB)

25

L (dB)

23

Attenuation Data

Frequency (Hz) Frequenz (Hz) Fréquence (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) Mittlere Dämpfung (dB) Atténuation moyenne (dB)	26.1	29.0	28.8	29.1	29.5	33.1	43.3	44.5
Standard Deviation (dB) Standardabweichung (dB) Déviation standard (dB)	6.1	6.9	6.4	7.2	5.1	5.3	6.9	3.4
Assumed Protection (dB) Angenommener (dB) Protection supposé (dB)	20.0	22.1	22.4	21.9	24.4	27.8	36.4	41.1

Size

Regular

Color

Orange

Shape

bell

Corded Material

polycord

Other Material

Foam

Corded

Yes

Weight (grs)

1.06

Design Patents

Earplug w/Insertion Stem

Certifications

 E.C. Declaration of Conformity

EC Category PPE

2

Quality Assurance

ISO 9001 / 2000

EC Certificate Number

152

EC Attestation

 EC Attestation

EC Attestation Number

HP/93/19a

Literature & Documents

 **CE Certificate - Quiet (Blue Stem)**

http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearing_protection/earplugs/36631/1033.aspx

 **EC Attestation Report - Quiet**

http://www.honeywellsafety.com/supplementary/documents_and_downloads/secured/hearing_protection/earplugs/20054/1033.aspx

Additional Information

User Manual

Instruction Manual - Quiet (global)

Maintenance

Life Cycle

We recommend replacement every 2-4 weeks.

Storage Information

All earplugs should be stored before and between usages in a way that protects them from dirt, grease, and other contaminants.

Care Instructions

Our reusable earplugs may be washed in warm water and allowed to air dry. Washing may be repeated several times, but we recommend replacement every 2-4 weeks. Hydrocarbon based solvents, such as alcohol, should not be used to clean reusable ear plugs. The use of such solvent based cleaners may cause reusable plugs to soften, swell, and weaken with time. Additionally, with extended use, reusable plugs must be regularly inspected for serviceability.

Packaging

UPC Code/Box

033552005889

UPC Code/Case

10033552005886

Packaging Specs Individual Box

Reusable Case

Unit of Measure

Pair

Quantity per Box/Pack/Case

50 Pair per Box / 10 Boxes per Case

Quantity per Carton

500 Pair

Quantity for Minimum Order

500 Pair

Country of Origin

Mexico

EC TYPE-EXAMINATION CERTIFICATE NO: 152

Product Description:-

Ear-plugs

Product identification:-

- i) Quiet, QD-1
- ii) Airsoft, DPAS-1
- iii) Airsoft, DPAS-30 (Corded)
- iv) Quiet QD-30 (Corded)

Manufactured by:-

Howard Leight Industries
7828 Waterville Road
San Diego
CA 92173
U S A

Are found to be in conformity with Council Directive 89/686/EEC relating to personal protective equipment when assessed and examined against harmonised standard EN352-2: 1993

Authorised Representative:-

Howard Leight (Europe) Ltd
Clarence Mill
Nr. Macclesfield
Cheshire SK10 5JZ

This Certificate is valid whilst Council Directive 89/686/EEC remains unchanged.

Signed for and on behalf of INSPEC Certification Ltd. (Notified Body No: 0194)

K J Warren.



Date:

22nd June 1994

For terms and conditions of issue, see page 2

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: Quiet (Corded)

Reference: 1028457

Standard(s): EN 352-2:1993

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

152

Delivered by:

INSPEC

56 Leslie Hough Way

Salford

M6 6AJ

Greater Manchester

United Kingdom

+44 (0)12 96 68 29 66

Drawn up in England, on the 14/07/2016

By:

Division: Hearing Protection



ZI 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

INSPEC



EC TYPE-EXAMINATION CERTIFICATE: 0152

Product description: - Hearing Protection – Re-Useable Ear-Plug

Product identification: - Howard Leight QUIET

Manufacturer: - Sperian Hearing Protection LLC
7828 Waterville Road
San Diego
CA 92154
USA

When assessed and examined against harmonised standard EN352-2:2002 are found to be in conformity with Council Directive 89/686/EEC and associated amendments, relating to personal protective equipment.

Authorised EU Representative: - Sperian Protection Europe
Immeuble Edison - ZI Paris Nord II
33 Rue des Vanesses, BP55288
95958 Roissy CDG Cedex
France

Signed

Date: 22nd June 1994

K J Warren, Manager, Certification Services

For and on behalf of INSPEC International Ltd.
56 Leslie Hough Way, Salford, Gt Manchester M6 6AJ
England (Notified Body No: 0194)

certificate invalid
if not embossed

For terms and conditions of issue, see page 2

Terms and Conditions

Reference Documents: -

- | | | | |
|------|--------------------------|---|---|
| i) | Test Reports | - | INSPEC 93.09.91, 93.09.92, 93.05.70,
93.05.71, 93.05.74, 93.06.62,
98.09.05, 99.07.66, 09.05.27 |
| ii) | Technical File | - | TF/0152 & TF/0151 |
| iii) | Test and Inspection Plan | - | CE Product Certification, Test and
Inspection Plan |

Conditions attached to the issue of this certificate:

- i) Marking and instructions have been assessed in the English language only. It is the Manufacturers/Authorised Representatives responsibility to obtain and supply language versions acceptable to the country where the product is to be sold.
- ii) Any changes to the product, technical file or quality manual/quality plan shall be immediately notified to INSPEC.
- iii) The Manufacturer/Authorised Representative shall comply at all times with INSPEC's Regulations governing CE Product Certification.
- iv) This Certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with.

CERTIFICATION INDEX

Item	Status	Issued	Amendment
Pages 1 to 2	Withdrawn	22/06/94	Initial Issue
Pages 1 to 4	Valid	090609	Upgrade to current standard and remove obsolete models

CERTIFICATION SCHEDULE

Model: Quiet (QD-1 & QD-30)

Description: Re-Useable Earplug

Size Range: 9

Attenuation Data

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
Mean att. (dB)	26.1	29.0	28.8	29.1	29.5	33.1	43.3	44.5
Std. Dev. (dB)	6.1	6.9	6.4	7.2	5.1	5.3	6.9	3.4
APV (dB)	20.0	22.1	22.4	21.9	24.4	27.8	36.4	41.1
	H = 29dB		M = 25dB		L = 23dB		SNR = 28dB	

SOUND ATTENUATION
OF HEARING PROTECTORS
BS EN 24869-1 : 1993
ISO 4869-1 : 1990

CLIENT: INSPEC Laboratories Limited
West View
Cumbers Drive
Ness
South Wirral
L64 4AU

YOUR ORDER NO: 930402/2

TYPE OF HEARING PROTECTOR: Ear-plug

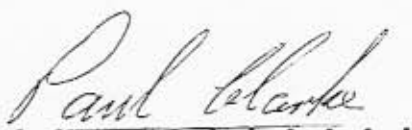
MODEL: QD-1 (Standard & large size)

SUPPLIER: Howard Leight Industries Europe

DATE RECEIVED: 6 April 1993

DATE OF TESTS: 6/14/19 April 1993

Signed:


P. CLARKE

Approved


J. McLOUGHLIN

INTRODUCTION:

BS EN 24869-1 : ISO 4869-1 specifies a subjective method for measuring the attenuation of hearing protectors at the threshold of hearing. This method, including details of the test signals, site, equipment, subjects and procedure, was applied to the samples tested and the results are presented, as required by the Standard, on the following pages of this Report.

For complete details of the method, please refer to BS EN 24869-1 : ISO 4869-1.

TEST SIGNALS, SITE AND EQUIPMENT:

The facilities used for this test are located within the Department of Applied Acoustics at the University of Salford.

TEST SUBJECTS:

The 16 test subjects comprised both males and females and covered a wide age range. All subjects were audiometrically screened in accordance with Clause 4.4.1 of BS EN 24869-1 prior to the test. They also satisfied the requirements of Clauses 4.4.2 and 4.4.3.

FITTING:

The ear-plugs tested were supplied in two sizes: standard and large. Test subjects were instructed to practice fit both models and to select the appropriate size. Manufacturer's instructions were followed during the fitting of the hearing protectors.

TEST PROCEDURE:

34 pairs of standard sized plugs and 32 pairs of large sized plugs were supplied by the client. Samples were selected for test at random. Each test subject's protected threshold was assessed once.

The procedures specified in Clause 4.5 were followed.

RESULTS:

See the attached sheet for the attenuation data for each individual subject.

OBSERVATIONS:

Several subjects were unable to achieve a good fit from either of the sizes provided. These subjects were excluded from the test and were replaced by other subjects who complied with the requirements of clauses 4.4.1, 4.4.2 and 4.4.3.

Model QD-1
 Attenuation results (values in dB) See below
 Test Reference No HP-93-4-1

Subject	Model	FREQUENCY (Hz)							
		63	125	250	500	1K	2K	4K	8K
G.K.	Standard	26	30	24	28	32	24	45	46
D.S.	Standard	16	20	21	22	22	32	43	47
P.U.	Standard	24	22	26	23	32	36	47	45
D.O.	Standard	32	38	44	38	38	40	51	42
A.D.	Standard	34	36	33	38	36	40	51	43
J.L.	Standard	31	32	30	38	33	35	47	42
S.M.	Standard	29	40	36	40	34	35	44	50
D.Mc.	Standard	31	38	34	32	32	40	44	44
J.Mc.	Standard	23	22	20	24	24	28	46	47
P.R.	Standard	22	28	28	27	26	24	44	42
J.W.	Standard	29	29	30	27	32	29	41	38
A.S.	Standard	14	21	19	21	24	37	22	42
L.P.	Standard	32	31	30	36	28	32	45	46
T.C.	Large	18	18	28	17	21	28	34	43
S.H.	Standard	26	32	32	30	32	35	44	52
D.W.	Standard	30	27	26	24	26	34	44	43
Mean									
Attenuation		26.1	29.0	28.8	29.1	29.5	33.1	43.3	44.5
Standard									
Deviation		6.1	6.9	6.4	7.2	5.1	5.3	6.9	3.4
Assumed									
Protection		20.0	22.1	22.4	21.9	24.4	27.8	36.4	41.1

SNR 28

6/4/93