

**Product Family**  
**Quiet Multiple-Use Earplug**

No-roll design for easy handling, better fit

[Learn more about our products at howardleight.com](http://howardleight.com)

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[Learn more about hearing conservation at hearforever.org](http://hearforever.org) >



**Product Numbers & Ordering Information**

	Product Numbers	Details
	QD30-RC	<b>Quiet - corded</b> NRR 26 Canada Class A(L)
	QD30-RC-LG	<b>Quiet - large - corded</b> NRR 26 Canada Class A(L)
	QD1-RC-LG	<b>Quiet - large - uncorded</b> NRR 26 Canada Class A(L)
	QD30-SM	<b>Quiet - small - corded</b> NRR 26 Canada Class A(L)
	QD1-SM	<b>Quiet - small - uncorded</b> NRR 26 Canada Class A(L)
	QD1-RC	<b>Quiet - uncorded</b> NRR 26 Canada Class A(L)
	QD-1-DS	<b>Quiet - uncorded bulk refill for Leight Source 500</b> NRR 26 Canada Class A(L)



QD-5

**Quiet - uncorded 5-pair vending pack**  
NRR 26 Canada Class A(L)



QD-30-5

**Quiet - corded 5-pair vending pack**  
NRR 26 Canada Class A(L)

## Overview

### Key Features

- Patented "no-roll" design is easy to handle and fit
- Contoured shape comfortably matches contours of the ear canal
- Smooth, non-irritating skin provides all-day comfort, easy to clean for long-term use
- Built-in insertion stem makes insertion quick and easy

### Recommended Industries/Use

- Chemical
- Manufacturing
- Medical
- Mining
- Municipal Services
- Pharmaceutical
- Transportation

### Hazards

- Noise

### Regulations

- 29 CFR 1910.95 - OSHA Occupational Noise Exposure (US)
- ANSI S3.19-1974 - Attenuation Test Protocol (US)
- Part II, (R.S.C. 1985, c. L-2) - Canada Labour Code
- Z94.2-1994 - Attenuation Test Protocol (CAN)
- 2003/10/EC - EU Hearing Directive
- 89/686/EEC - EU Directive/PPE
- Category II - EC Category/PPE
- EN 352-2:1993 - EC Standards
- NOHSC: 1007 (2000) - National Standard for Occupational Noise (AUS/NZ)
- NR 15 - Security and Health of Work, Annexes 1 and 2, n°3.214/1978 - Occupational Noise Regulations (BR)
- ANSI S12.6/1997 - Method B - Attenuation Test Protocol (BR)
- 9001:2008 - ISO

### Historical Brand

Howard Leight

## Specifications

### Color

- Orange

### Shape

- Bell

### Material

- Vinyl

### Packaging Options

- Polybag • Bulk Refill for Leight Source 500 Dispenser

### Cord Options

- Uncorded • Polycord

**NRR**

- 26

**Canada Class**

- A(L)

**SNR**

- 28

**SLC80**

- 20 dB / Class 3

EU Certifications

- European Directives – 89/686/EEC
- EC Category PPE – Category II
- Standards – EN 352-2:1993
- EC Certification Number – 152
- EC Attestation Number – 930992
- Laboratory – INSPEC

AUS Certifications

- Standardsmark License #1579

## Certifications

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

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/36631/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/36631/1033.aspx)

CE Certificate - Quiet (Blue Stem)

 **Instruction Manual - Quiet (global)**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/41919/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/41919/1033.aspx)

QUIET 1 2 3 YES OUI JA SI4 NO NON NEIN NO 8 FITTING INSTRUCTIONS 1. Insert closed end of earplug well inside ear canal by gently pulling top of ear up and back as shown. Press on flexible stem with a forward, up and down motion. 2. Proper Fit: In a noisy environment, with earplugs inserted, cup hands over ears and rele

 **EC Certificate - Earplugs**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/42685/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/42685/1033.aspx)

EC Declaration of conformity The manufacturer SPERIAN HEARING PROTECTION, LLC, 7828 Waterville Rd. San Diego, CA 92154 United States declares that the Personal Protective Equipment (PPE) items listed below, conform with the provisions of Council Directive 89/686/EEC and, where applicable, with the national standard, tr

## Literature & Documents

 **EC Attestation Report - Quiet**

[http://www.honeywellsafety.com/Supplementary/Documents\\_and\\_Downloads/Secured/Hearing\\_Protection/Earplugs/20054/1033.aspx](http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20054/1033.aspx)

EC Attestation Report - Quiet

## Training & Proper Use

1. While holding the stem, reach a hand over your head and gently pull top of your ear up and back.
2. Insert the earplug so all flanges are well inside your ear canal.
3. If properly fitted, the tip of the earplug stem may be visible to someone looking at you from the front.
4. Proper Fit – If either or both earplugs do not seem to be fitted properly, remove the earplug and reinsert.
5. Removal – Gently twist earplug while slowly pulling in an outward motion for removal.

## Quiet Multiple-Use Earplug

6. Acoustical Check – In a noisy environment, with earplugs inserted, cup your hands over your ears and release. Earplugs should block enough noise so that covering your ears with your hands should not result in a significant noise difference.

### Additional Information

#### CARE + MAINTENANCE

- **INSPECT** – Prior to fitting, examine your earplugs for dirt, damage, deformation or extreme hardness—discard immediately if compromised.
- **CLEAN** – Wash Multiple-Use earplugs with mild soap and warm water only. Pat dry with a towel and store in a case when not in use. Do not treat with any other substances, as the earplugs may degrade and compromise use.
- **HYGIENE** – With proper maintenance, Multiple-Use earplugs can last for 2-4 weeks.

#### RELATED PRODUCTS

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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

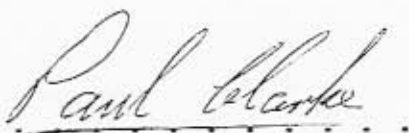
MODEL: QD-1 (Standard & large size)

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