



Product Family
Max Single-Use Earplug

Highest attenuation in single-use earplugs

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

>

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



Product Numbers & Ordering Information

	Product Numbers	Details
	MAX-30	Max - corded NRR 33 Canada Class A(L)
	MAX-30-PB	Max - corded / paper bag NRR 33 Canada Class A(L)
	MAX-1	Max - uncorded NRR 33 Canada Class A(L)
	MAX-5	Max - uncorded / 5 pair pack NRR 33 Canada Class A(L)
	MAX-1-PB	Max - uncorded / paper bag NRR 33 Canada Class A(L)
	MAX-LS4	Max - uncorded bulk refill for Leight Source 400 NRR 33 Canada Class A(L)
	MAX-1-D	Max - uncorded bulk refill for Leight Source 500 NRR 33 Canada Class A(L)

Max Single-Use Earplug



MAX-5

Max - uncorded 5-pair vending pack
NRR 33 Canada Class A(L)



MAX-30-5

Max - corded 5-pair vending pack
NRR 33 Canada Class A(L)

Overview

Key Features

- The world's most-used polyurethane foam earplug
- Bell shape delivers maximum in-ear comfort
- Contoured design easier to insert, resists tendency to back-out of ear canal
- Polyurethane foam enhances comfort, especially for long-term wear
- Smooth, soil-resistant closed cell-foam skin prevents dirt build-up
- Bulk refills for Leight Source 400 and Leight Source 500 Earplug Dispensers save time, waste and space

Recommended Industries/Use

- Agriculture • Chemical • Construction • Fire Protection • Forestry • Government
- Law Enforcement • Manufacturing • Medical • Military • Mining • Municipal Services
- Oil and Gas • Pharmaceutical • Steel and Metals • Transportation • Utilities • Welding

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 - EC Directive/PPE
- Category II - EC Category/PPE
- EN 352-2:2002 - EU 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

- Coral

Shape

- Bell

Material

- Polyurethane Foam

Packaging Options

Max Single-Use Earplug

- Polybag • Paper Bag • Bulk Refill for Leight Source 400 or Leight Source 500 Dispenser

Cord Options

- Uncorded • Polycord

NRR

- 33

Canada Class

- A(L)

SNR

- 37

SLC80

- 26 dB / Class 5

EU Certifications

- European Directives – 89/686/EEC
- EC Category PPE – Category II
- Standards – EN 352-2:2002
- EC Certification Number – 1219
- EC Attestation Number – 040366
- Laboratory – INSPEC
-

AUS Certifications

- Standardsmark License #1579

Certifications

CE Certificate - Max

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20038/1033.aspx

CE Certificate - Max

Instruction Manual - Max & Max USA (global)

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/41912/1033.aspx

Click on the link above to download the user instruction manual for Max earplugs.

EC Certificate - Earplugs

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 - Max

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Secured/Hearing_Protection/Earplugs/20052/1033.aspx

EC Attestation Report - Max

Training & Proper Use

1. With clean hands, roll the entire earplug into narrowest possible crease-free cylinder.
2. Reach over your head with a free hand, pull your ear up and back, and insert the earplug well inside your ear canal.

Max Single-Use Earplug

3. Hold for 30 – 40 seconds, until the earplug fully expands in your ear canal. If properly fitted, the end of the earplugs should not 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.
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 – Inspect prior to fitting, examine your earplugs for dirt, damage or extreme hardness—discard immediately if compromised.
- DISCARD – For proper hygiene, discard Single-Use earplugs after use.
- HYGIENE – To maintain hygiene standards, Single-Use earplugs should be discarded at the end of every shift.

RELATED PRODUCTS

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Department of Applied Acoustics



Report No: HP/95/6

Date: 14/2/95

Page 1 of 3

TEST REPORT

**SOUND ATTENUATION
OF HEARING PROTECTORS**

BS EN 24869-1 : 1993

ISO 4869-1 : 1990

CLIENT: INSPEC Laboratories Limited
56 Leslie Hough Way
Salford
Manchester
M6 6AJ

YOUR ORDER NO: 950213/1

TYPE OF HEARING PROTECTOR: Ear-Plug

MODEL: MAX - 1

MANUFACTURER: Howard Leight (Europe) Ltd

DATE RECEIVED: 13 February 1995

DATE OF TESTS: 13 February 1995

Signed: *A. Diamond* Approved *J. McLoughlin*
A. DIAMOND 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:

Manufacturer's instructions were provided and were followed during the fitting of the hearing protectors. Guidance was also available from the Test Operator.

TEST PROCEDURE:

Two hundred pairs of plugs were supplied by the client, twenty of which had been pre-cleaned, (sixteen for testing and four spares). Each subject randomly selected a pair for practice fitting from the remaining samples. 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.

Model MAX - 1
 Attenuation results (values in dB) See below
 Test Reference No. HP/95/2/1

Subject	Sample	FREQUENCY (Hz)							
		63	125	250	500	1K	2K	4K	8K
D.S.	1	20	26	26	28	36	40	52	50
M.A.	2	36	40	44	45	38	42	52	46
J.Mc.	3	32	34	36	36	36	32	44	46
S.H.	4	26	28	36	38	37	40	44	52
P.P.	5	22	26	25	30	30	34	46	48
J.W.	6	40	41	39	42	41	30	52	30
P.R.	7	28	32	39	42	40	31	47	46
O.W.	8	20	25	32	34	32	38	45	48
A.T.	9	20	17	24	26	26	36	42	38
A.L.	10	26	22	26	32	30	42	52	48
I.H.	11	28	26	26	28	26	36	44	44
A.S.	12	24	22	30	30	35	40	50	42
L.P.	13	32	30	32	32	35	38	46	48
D.W.	14	26	30	28	32	32	40	46	42
I.B.	15	36	28	28	36	34	42	44	44
C.B.	16	28	39	43	48	42	40	51	54
Mean Attenuation		27.8	29.1	32.1	34.9	34.4	37.6	47.3	45.4
Standard Deviation		6.1	6.8	6.6	6.5	4.8	4.0	3.6	5.7
Assumed Protection		21.6	22.4	25.5	28.4	29.5	33.6	43.7	39.7