

PACS WHITE 19

REUSABLE HIGH FIDELITY HEARING
PROTECTORS

User Instructions

PACIFIC EARS
CUSTOM HEARING PROTECTION
COMMUNICATION SOLUTIONS
www.pacificears.com



User instructions (English version)

INTRODUCTION

PACS are reusable ear plugs designed to reduce loud noises to safe levels. The ear tip design provides a comfortable and discreet fit, and instead of blocking noise which leads to a muffled sound, the filter reduces noise levels allowing you to hear both safely and clearly.

INSTRUCTIONS

The product consists of two parts, the pill shaped filter and the universal re-usable ear tip (Picture A). The filter is supplied fitted into the ear tip. Insert this tip into the ear canal by following the instructions. Please contact us if it is not possible to achieve a proper seal with the supplied tip size. A smaller tip size is available on request.

INSERTING INTO THE EAR

Grip the tongue of the ear tip between thumb and forefinger (Picture B). To ease insertion, pull the top of the ear outward and upward, this is best achieved by holding the ear with the opposite hand, the arm placed around the back of the head (Picture C). Gently push and twist the product into the ear until it sits comfortably in the ear canal whilst forming a good seal with the ear canal. Position the tongue at the top of the ear, making it easier to find and grip when removing the tip from the ear.

REMOVING FROM THE EAR

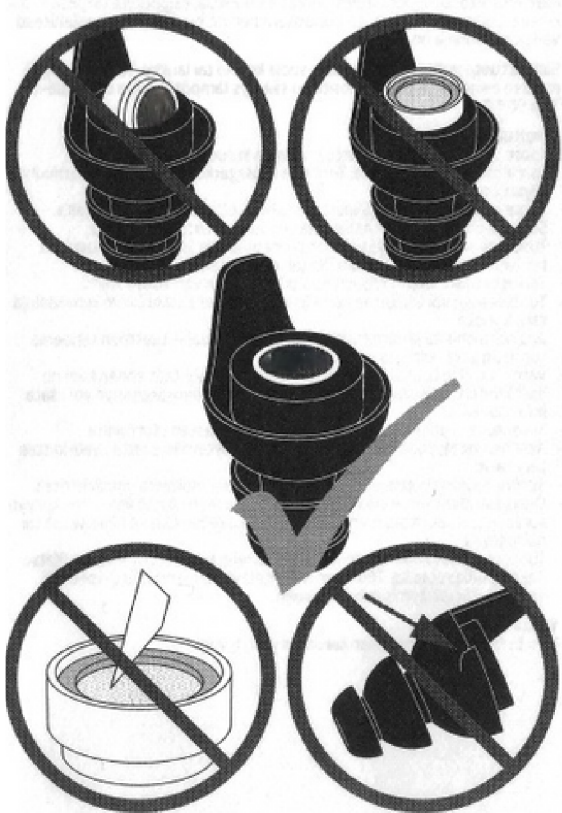
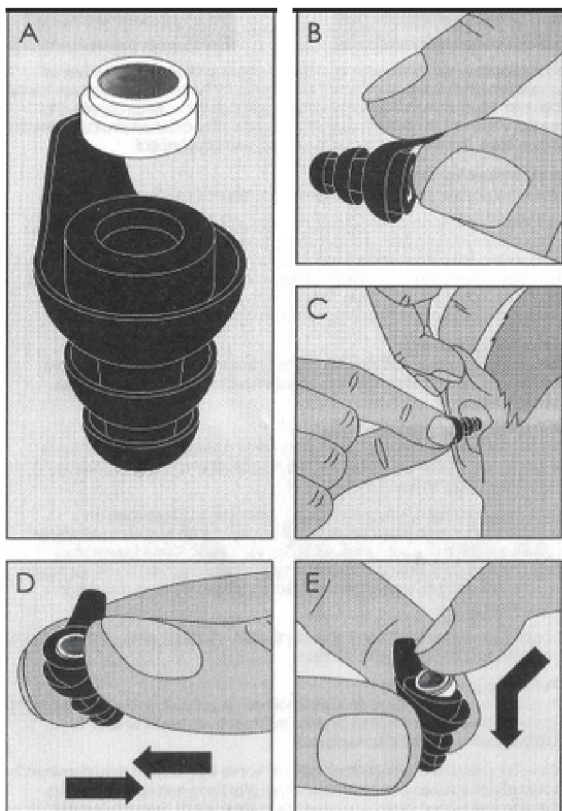
Remove the product with a slow twisting motion to gradually break the seal with the ear canal. This also eliminates any discomfort that may be felt during removal.

CHANGING EAR TIP SIZE

To change the ear tip, first remove the filter from the current ear tip. Gently squeeze the ear tip just below the filter until it 'pops' out of the ear tip (Picture D). Before placing the filter, first ensure that the logo in the filter is facing upward, so the logo will face out of the ear tip once inserted. Insert the filter into the larger opening of the ear tip. This is best achieved by inserting the filter at an angle, pushing the lower side of the filter in first, then press down on the logo to correctly position the filter in the cavity of the ear tip (Picture E). Before inserting the product into the ear canal, first ensure the filter is correctly positioned in the ear tip.

CLEANING AND STORAGE

Clean the ear tip after each use to remove earwax (Cerumen) and other debris. The ear tips can be wiped clean with a damp cloth or antibacterial cleaning tissues. After removing the filter (see "Changing ear tip size"), the ear tips can be cleaned with soap or hygiene tablets and then rinsed in tepid water and dried thoroughly. We recommend only cleaning the filter if necessary. Do not use alcohol-based cleaning solutions, soaps, or detergents. After cleaning, the filter needs to be thoroughly rinsed in tepid water and allowed to dry slowly. Always store the product in a clean resealable protective case or bag. Do not store with other objects. Recommended storage temperature range is between -10°C and 50°C.



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WARNINGS

- The product is intended to be placed in the ear and to protect the wearer from hazardous noise levels. The product is not intended for any other use.
- The product must be fitted, adjusted and maintained in accordance with the instructions. Improper fitting can reduce its effectiveness in attenuating noise.
- Performance of the product may be reduced after contact with sharp objects, e.g. by puncturing or cutting.
- Regularly inspect the product to ensure serviceability.
- The product may be adversely affected when coming into contact with chemicals or alcohol.
- If these instructions and warnings are not adhered to, the protection afforded by the product will be severely impaired.
- Please ensure that the product and both hands are clean before insertion in order to reduce the risk of infection. Sharing the product can increase the risk of infection.
- Choking hazard - Keep the product out of reach of young children.
- Sudden or fast removal of the product out of the ear canal may damage the eardrum.
- Suitable hearing protection must be worn at all times in noisy surroundings.
- You are responsible for evaluating whether the use of the product affects the ability to safely perform an activity. Stop if you find it distracting or disruptive.
- It is not recommended to use the product after the expiration date (see outside of package). The specified attenuation of the product can no longer be guaranteed after the expiration date.

LIMITED WARRANTY

PACS is a brand of Pacific Ears New Zealand Ltd. and Pacific Ears Australia Pty Ltd.

Pacific Ears warrants its products to be free from defects in materials and workmanship for a period of one (1) year from date of purchase. If you believe this product has any defects in materials or workmanship, cease use immediately and contact customer service for a remedy. If a product proves to be defective in material or workmanship, we will repair or replace the product and send it to you at our expense. All returns must include the proof of purchase and documentation specifying the claimed defect. This LIMITED WARRANTY applies only where the products have been properly maintained in accordance with the PACS instructions and have not been subject to misuse, negligence, or accident. No returns are to be made directly to Pacific Ears unless authorised by the Returns Authorisation (RMA) Department.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, WHICH ARE SPECIFICALLY EXCLUDED, INCLUDING WARRANTIES. FOR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL PACIFIC EARS NEW ZEALAND LTD AND PACIFIC EARS AUSTRALIA PTY LTD. OR SELLER BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR EXPENSES TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

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CERTIFICATION DATA - EU	SNR	H	M	L
PAC1	19dB	19dB	1dB	14dB

Pacific Ears New Zealand Ltd. / Pacific Ears Australia Pty Ltd. declares that the hearing protection is in compliance with PPE regulation EU 2016/425. The full text of the EU declaration of conformity is available on request from Pacific Ears New Zealand Ltd / Pacific Ears Australia Pty Ltd.

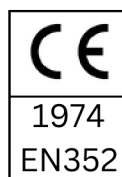
Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	15.1	15.4	17.1	19.9	26.9	17.7	29.9
Standard deviation (dB)	3.7	2.5	3.3	2.4	3.0	2.2	5.5
Assumed protection value APV (dB)	11.4	12.9	13.8	17.5	23.9	15.5	24.4

The test according to EN 352-2:2002 and certification to the regulation EU 2016/425 and the production control module D was performed by PZT GmbH, An der Junkerei 47, 26389 Wilhelmshaven, #1974, Germany.

For additional information, visit www.pacificears.com or contact Pacific Ears New Zealand Ltd / Pacific Ears Australia Pty Ltd. via email: info@pacificears.com

CERTIFICATION DATA - USA				NRR					
PAC1				12					
Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	12.6	15.6	15.7	19.9	25.1	21.5	17.2	25.9	30.2
Standard deviation (dB)	2.0	2.2	2.8	3.4	4.3	2.5	2.6	3.4	5.5
Assumed protection value APV 98 (dB)	8.6	11.2	10.1	13.1	16.5	-	14.3	-	19.2
Testing Standards									
ANSI S3.19-1974		Acoustical Society of America Standard							
(ASA STD 1-1975)		Method for the Measurement of Real-Ear Protection of Hearing Protectors and Physical Attenuation Earmuffs							
40 C.F.R. Part 211		Product Noise Labelling							
Testing conducted by:		PZT GmbH, A der Junkerei 48F, 26389 Wilhelmshaven, Germany.							
Accredited by:		ZLS Certificate No. ZLS-P-777/08							

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