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**PHONAK** life is on

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**AUDÉO**  
PERFECT FIT EARPHONES

## User Guide

Audéo PFE 232 with microphone



Congratulations on your purchase of Audéo Perfect Fit Earphones from Phonak, the world's leading designer and manufacturer of hearing systems.

Audéo PFE are more than just earphones – they are a lifestyle accessory for sophisticated people. They intensify the listening experience thanks to the fusion of design, perfect fit, and rich sound. They are the perfect earphones for those who want to enjoy music without limits.

**Please read this manual carefully before using your earphones. Keep these instructions and recommendations for future reference.**

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**Reduced volume or no sound? The acoustic filters might be blocked. Please replace the filters (for details see page 15).**

## 1. Package content

- a. Audéo PFE 232 with microphone & multifunction button
- b. Box with 3 pairs of exchangeable acoustic filters (gray, black and green) & changing tool
- c. Audéo PFE cable without microphone
- d. Silicone ear tips, size S, M, L
- e. Comply™ foam ear tips, size S, M, L
- f. Cleaning tool for ear tips
- g. Perfect Fit silicone ear guides
- h. Carrying case



a



b



c



d



e



f

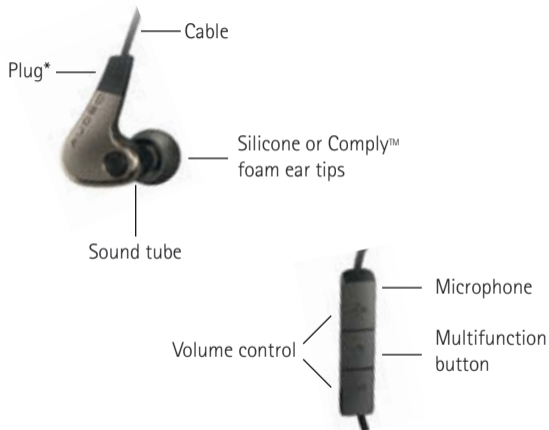


g



h

## 1.1. Product description



\* The earpiece can be removed from the cable (see page 21).

## 2. Important information

Do not use this product in any way other than described in this manual.

### 2.1. Warnings

- Since the earphones block out ambient noise, never use them while operating machinery or driving any kind of vehicle, walking, cycling or during any other activity where failure to hear outside sounds or alerts can be dangerous.
- Keep this product and its accessories out of the reach of children. Handling or use by children may pose a threat of death or serious injury. This product contains small parts which can be swallowed and a cord that may pose a risk of choking or strangulation.
- If an ear tip or an acoustic filter remains in your ear canal, seek medical assistance to remove the ear tip or acoustic filter. If removal is performed without proper medical assistance, hearing may be damaged.
- Never use the cleaning tool for your ears!

## Prevention of hearing loss

**Caution:** Permanent hearing loss may occur if earphones are used at high volumes for prolonged periods of time.

**Note:** For France, these earphones have been tested to comply with the Sound Pressure Level requirement stipulated in French article L.5232-1.

In order to protect your hearing, we recommend the following:

- Always listen to the lowest possible volume for limited periods of time.
- Ideally, do not exceed 50% of the maximum volume of an MP3 player, iPod or other device and do not listen for more than 1 hour a day.
- You should immediately stop listening if you experience ringing in your ears or other pain or discomfort.
- If the earphones cause discomfort or irritation, stop using them. Consult a physician if needed.

- In order to avoid dangerous sound bursts, always turn the volume of the sound source down before connecting our Audéo PFE earphones to it.

## 2.2. Information on product safety

- Before inserting the earphones, make sure that the ear tips are attached firmly to the sound tube.
- Handle the earphones with care and store them in the provided carrying case.
- Do not expose the earphones to extreme temperatures or to strong magnetic fields. Do not immerse them in liquid. Avoid sharp blows to the earphones.
- Only use Audéo PFE with original parts. Never use accessories from other manufacturers.
- Never use the cleaning tool for the earphone sound tube.

**Reduced volume or no sound? The acoustic filters might be blocked by invisible dirt. Please replace the filters! (for details see page 15).**

### 3. Technical specifications

Driver:	Dual balanced armature
Frequency response:	5 Hz–17 kHz
Sensitivity:	Gray filter 109 dB SPL/mW, 1 kHz Black filter 107 dB SPL/mW, 1 kHz Green filter 104 dB SPL/mW, 1 kHz
Nominal Impedance:	47 ohm
Weight:	16g/0.5oz
Plug with mic:	3.5 mm 4 pole jack
Plug without mic:	3.5 mm 3 pole jack
Cable length:	120 cm/3.9 ft

### 4. How to use Audéo PFE 232

Only use Audéo PFE with original parts. Never use accessories from other manufacturers. They are not compatible with Audéo PFE and can modify the frequency response of your earphones, damage them or even cause injury! Original accessories can be purchased from authorized Audéo PFE dealers or on the website [www.audeoworld.com](http://www.audeoworld.com)

#### 4.1. Ear tips

The Audéo PFE come with both silicone and Comply™ foam tips; the silicone ear tips are better for use during exercise. The Comply™ foam tips are better at filtering out ambient noise, making them the best choice for travel or use in noisy surroundings.

To change the ear tips (foam or silicone), hold the ear tip in the middle and pull it slowly until it comes loose. Do not use your fingernails or any other sharp object to remove the ear tips, as otherwise they could be damaged. If you are using Comply™ foam tips, compress them with your fingers before wearing the earphones.



## 4.2. Wearing the earphones

Audéo PFE deliver amazing sound if correctly inserted in the ears and if an absolute seal is achieved. To experience their best performance, proceed as follows:

- Turn the volume of the sound source to a minimum before connecting the earphones.
- Choose the most comfortable ear tips and put them on the earphones.
- Identify the left and right earphone.



**L = left**  
**R = right**

- Attach the silicone ear guides to the cables and pull through to the earphones. Use of the ear guides is optional. The ear guides route the wires comfortably around the ears and ensure a perfect fit reducing cable noise, especially indicated during exercise.



- Hold each earphone with the cable pointing up and the ear tips pointing towards your head, as shown. If you are using Comply™ foam tips compress them with your fingers before wearing the earphones. Place the cable behind the ear and insert the ear tips into your ear canal with a gentle push. **Do not force the earphones into the ears!**



- f. The ear tips should seal the ear canal and fit without any discomfort. Rotate the earphones as shown, pointing diagonally towards the top of the ear. Gently pull the cable downwards to ensure a perfect fit.



If you feel that the ear tips are too loose (insufficient seal) or too tight (discomfort), try another size. To remove the earphones pull them out gently with a small rotation in order to break the seal.

**Do not pull the cable to remove the earphones from your ear.**

### 4.3. Acoustic filters

The acoustic filters have an essential acoustic impact on the sound of the earphones. The purpose of this filter is to deliver sound that matches what one perceives when listening with non-occluded ears. The product comes with three different types of acoustic filters: The gray filter is for enhanced perception of the mid-frequencies, the black filter for enhanced perception of bass and treble and the green filter for extra bass. Because each individual's perception of sound is unique, Audéo PFE allow you to choose the filter that suits your personal preferences. Another function of the acoustic filter is to prevent dirt from entering the sound tube.

- Make sure that the acoustic filters are in place before using the earphones. The earphones only function correctly if the acoustic filters are inserted in the sound tube.
- Always use the same color of acoustic filters for both the left and right earphone.
- Replace the filters when they become dirty or clogged and the sound of the earphones is affected.

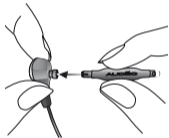


To change the acoustic filters proceed as follows:

- a. First of all remove the ear tips (foam or silicone) by holding them in the middle and pulling them slowly until they come loose.



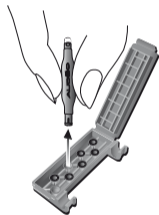
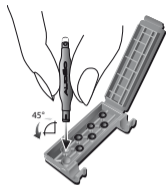
- b. Remove the filter from the earpiece by pushing the changing tool with the split end into the used acoustic filter until you hear a "click" and pull the used filter straight out.



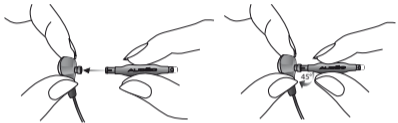
Preferably use the split end of the changing tool to change filters.



- c. Dispose of any soiled or damaged acoustic filters. To reuse the filter in the future, insert it straight in an empty slot in the filter box, then tip the changing tool sideways and remove it.
- d. To place a new acoustic filter in the earphones, press the split end of the changing tool into the filter ring and gently pull it out vertically.



- e. Push the new acoustic filter into the sound tube of your earphones. Tip the changing tool sideways to release it. Place the ear tips on the earphones again.



If it doesn't work with the split end, use the thread end:

- Screw down and pull out straight.
- Slightly unscrew the acoustic filter with the fingers until you have only a low fixing.
- Insert it straight in an empty slot in the filter box and unscrew completely.



#### 4.4. Microphone & remote control

The Audéo PFE microphone features a multifunction button made for Apple™. This allows you to listen to music on your iPhone, iPod or other Apple™ devices. If a call comes in, you can answer it immediately without having to take off the earphones.

The remote and mic are supported only by iPod nano™ (4<sup>th</sup> generation and later), iPod classic™ (120 GB, 160 GB), iPod touch™ (2<sup>nd</sup> generation and later), iPhone™ 3GS, iPhone™ 4, iPad™ and iPad™ 2. The remote is supported by iPod shuffle™ (3<sup>rd</sup> generation and later). Audio is supported by all iPod models. Requires latest iPod software. iPad, iPhone, iPod, iPod classic, iPod nano, iPod shuffle and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

### a. Volume control

- Press  to increase the volume.
- Press  button to reduce the volume.

### b. Multifunction button

- Single click: – answer/end calls  
 – pause/resume music
- Double click: – skip a track  
 – pause/resume music
- Triple click: – previous track
- Keep button pressed: – decline incoming calls



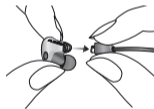
### 4.5. Cable without microphone

The earpieces can be removed from the cable. This allows replacing the cable. The cable without microphone and remote control is compatible with all music devices with a 3.5 mm 3 pole stereo jack.

### 4.6. How to exchange the cable

To exchange the cable, please pay attention to the following steps:

- a. To detach the cable from the earpiece, hold the plug as shown and pull it out straight.



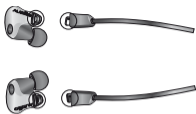
- b. Do not pull the cable.



- c. Identify left and right earpieces.

- d. Identify left and right plug of the new cable.

**L = white plug to white socket**  
**R = black plug to black socket**



- e. Plug the right cable into the right earpiece and the left cable into the left earpiece.
- f. Do not force the left plug into the right earpiece and vice versa.

## 5. Maintenance

To extend the lifetime of your earphones, keep them clean and follow the recommendations below.

- The cleaning tool is for the tube of the ear tips (silicone or foam) and serves to remove earwax build-up.
- The silicone ear tips should be cleaned regularly with water and mild soap, or with an antiseptic wipe. Always make sure that the ear tips are dry before reusing them.
- Comply™ foam tips cannot be cleaned. When they are dirty they should be replaced. The manufacturer of Comply™ foam tips recommends they be changed every three months.
- After extended use, the Comply™ foam tips may no longer seal properly because they lose their elasticity. Please replace them with new Comply™ foam tips.
- The earphones can be cleaned with an antiseptic wipe.

## 6. Certification

©2008 Phonak. All rights reserved. Audéo PFE and the Audéo PFE Logo are trademarks of Phonak. Swiss design, patent pending.

Audéo PFE earphones conform to EMC Directive 2004/108/EC and have been tested according to European Standard EN 55022:2006 and EN 55024:1998.

Audéo PFE earphones meet applicable criteria listed in European Standard EN 50332-2:2003.

Comply™ is a registered trademark of Hearing Components.

Audéo PFE should not be discarded in household waste. To discard Audéo PFE, take them to an approved collection site.



## 7. Limited warranty

Phonak AG warrants that this product will be free from defects in materials or workmanship for a period of two (2) years from the date of original retail purchase. This warranty is available only to the original retail purchaser, and only if the product was purchased through the official webshop or an authorized retailer. Phonak AG will, at its sole discretion, replace or repair the product without charge. If Phonak AG replaces the product, you are entitled to a replacement of equal or at least equivalent quality and technical functionality. When Phonak AG replaces the product, the replaced product becomes the property of Phonak AG and the new product becomes your property.

Repair or replacement shall be your sole remedy for any breach of this warranty. In particular, Phonak AG shall not be responsible or liable to you for any monetary damages, including for any special, incidental or consequential damages, even if Phonak AG was aware of the possibility of such categories of loss.

If your product evidences a defect within the warranty period, you may make a warranty claim, by presenting the defective product and valid proof of purchase from one of our authorized retailers or the webshop within thirty (30) days to notify us of your claim. If the product was ordered through the webshop, you can return it to the address on the invoice. You must return a copy of the proof of purchase with the product. This warranty applies only to the external shell of the product and all internal components. The ear tips, cleaning tool, acoustic filters (incl. dispenser and replacement tool), ear guides, carrying case and adapters for mobile phones are not covered by this warranty.

This warranty is available to you only if the product was handled properly, subject to normal use, and used solely for the purpose intended. This warranty does not cover normal wear and tear or damage caused by Acts of God. In addition, this warranty does not apply if the product or individual components were repaired or modified by anyone other than Phonak AG.

This warranty is in lieu of all other standard implied warranties wif the law allows, or if not, only to the extent the law allows.

**Without limiting the generality of the prior sentence, Phonak AG hereby disclaims all implied warranties of merchantability or fitness for a particular purpose.**

In some countries, implied warranties cannot be limited. Under certain conditions, these limitations or exclusions may therefore not apply to you.

This warranty replaces all other warranties for this product.