

VITOPDIA PX2M

VITOPDIA PX2M Rechargeable In-the-Ear OTC Hearing Aids User Manual

Model: PX2M

1. INTRODUCTION

Thank you for choosing VITOPDIA PX2M Rechargeable In-the-Ear OTC Hearing Aids. This manual provides essential information for the safe and effective use of your new hearing aids. Designed for adults and seniors with mild to moderate hearing loss, these devices offer advanced features such as smart noise cancellation, high-definition sound, and convenient portability.



Image: VITOPDIA PX2M hearing aids shown inside their compact charging case, illustrating their discreet design and readiness for use.

2. PRODUCT FEATURES

- **8-Channel Sound with DSP Smart Chip:** Utilizes advanced Digital Signal Processing (DSP) technology for crystal-clear conversations, intelligent noise reduction, and natural sound reproduction, minimizing distortion and whistling.
- **Long Battery Life with Portable Charging Case:** Provides up to 18 hours of continuous use on a single charge. The portable charging case extends total usage time to approximately 90 hours, offering up to 5 full charges for the hearing aids.
- **Adjustable Gain for Mild to Moderate Hearing Loss:** Features 3 adjustable volume levels and offers up to 25dB audio gain, making it suitable for individuals with mild to moderate hearing impairments.
- **One-Button Control with Beep Prompt:** Simple single-button operation for volume adjustments. Audible beep prompts guide users through functions confidently.

- **Comfortable & Discreet In-the-Ear Fit:** Lightweight and ergonomically designed for comfortable, all-day wear, blending seamlessly for a discreet appearance.



Image: A man wearing a VITOPDIA hearing aid, highlighting its discreet and powerful design, with indicators for 25dB Audio Gain, 3-Level Volume Control, and 8-Channel Precision & High-definition Sound.



Image: An exploded diagram of the hearing aid, illustrating its internal components, including the Super DSP Chip, and highlighting its 8-Channel Technology for wide dynamic range compression and high-definition sound.

3. WHAT'S IN THE BOX

Your VITOPDIA PX2M package includes:

- VITOPDIA PX2M Hearing Aids (Left and Right)
- Portable Charging Case
- USB Charging Cable
- Multiple sizes of earplugs (pre-installed and spares)
- User Manual

4. SETUP AND FIRST USE

4.1 Initial Charging

Before first use, ensure your hearing aids and charging case are fully charged.

1. Place both hearing aids into their respective slots in the charging case.
2. Connect the provided USB cable to the charging case and a compatible USB power source (e.g., wall adapter, computer USB port).
3. The indicator light on the charging case will show charging status. A full charge for the hearing aids takes approximately 2-3 hours. The charging case itself provides up to 4 recharge cycles for the hearing aids.



Image: The hearing aids and charging case, with icons indicating 18 hours working time, 2-3 hours charging time, and 4 recharge cycles with the charging case, emphasizing all-day battery life.

4.2 Fitting the Hearing Aids

1. Select the earplug size that provides the most comfortable and secure fit in your ear canal. A good seal is crucial for optimal sound quality and to prevent whistling.
2. Gently insert the hearing aid into your ear. Ensure it sits snugly and comfortably.



Image: A hand demonstrating how to take the hearing aid out of its charging case and fit it perfectly into the ear, part of the

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

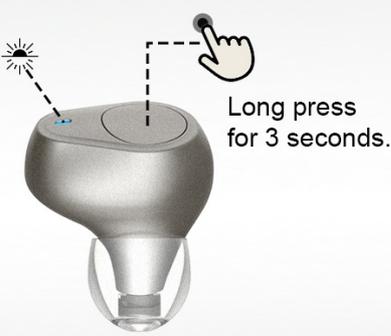
- **To Power On:** Long-press the control button on the hearing aid for 3 seconds. You will hear four beeps indicating it is powering on.
- **To Power Off:** Long-press the control button for 3 seconds. Alternatively, placing the hearing aids back into the charging case will automatically power them off and begin recharging.

5.2 Volume Control

The hearing aids feature 3 adjustable volume levels.

- **To Adjust Volume:** Double-click the control button. Each double-click will cycle through the volume levels.
- **Volume Level Indicators:**
 - One beep: Volume 1 (Lowest)
 - Two beeps: Volume 2 (Medium)
 - Three beeps: Volume 3 (Highest)

Power on & Power off



Long press for 3 seconds.

Volume control



Double-click the volume control to switch between 3 volumes.

	Power on/off	Volume 1	Volume 2	Volume 3
Tips tone	Four beeps	One beep	Two beeps	Three beeps

Image: Visual guide demonstrating how to power on/off the hearing aids by long-pressing for 3 seconds, and how to adjust volume by double-clicking to cycle through 3 levels, with corresponding beep prompts.

5.3 Single or Dual Ear Use

These hearing aids can be used individually or as a pair.

- **Single Ear Use:** Provides flexible backup use and allows for independent volume adjustment for one ear.
- **Dual Ear Use:** Balances sound across both ears and improves overall voice recognition and spatial awareness.



Image: A split image demonstrating both single ear use (a couple conversing) and dual ear use (a man wearing both aids), highlighting the flexibility of the device.

6. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your hearing aids.

- **Cleaning:** Regularly clean the hearing aids with a soft, dry cloth. Do not use water or cleaning solutions directly on the device. Use the provided cleaning brush to remove earwax or debris from the earplugs and sound outlets.
- **Storage:** When not in use, store the hearing aids in their charging case to protect them from dust and damage.
- **Moisture Protection:** The hearing aids are IP22 sweatproof, meaning they are protected against vertically falling drops of water when tilted up to 15 degrees. Avoid prolonged exposure to excessive moisture or submersion in water.
- **Earplug Replacement:** Replace earplugs periodically or if they become damaged or uncomfortable.

7. TROUBLESHOOTING AND WHISTLING PREVENTION

If you experience whistling sounds or other issues, follow these steps:



Image: A visual guide detailing four steps to prevent whistling sounds: 1. Turn to minimum volume after use, 2. Choose the right earplugs, 3. Wear and adjust to the right angle, 4. Power on and slowly increase volume.

1. **Reduce Volume:** After every use, double-click the control button until you hear one beep, indicating the minimum volume level. This helps prevent whistling when inserting the device.
2. **Check Earplug Fit:** Ensure you are using the correct size earplug for a snug fit. A loose earplug can cause sound leakage and whistling.
3. **Proper Insertion:** Wear and adjust the hearing aid to the right angle in your ear. It should sit comfortably and securely without feeling loose.
4. **Gradual Volume Increase:** After inserting the hearing aid, power it on and slowly increase the volume to your desired level. Avoid immediately setting it to a high volume.

7.1 Suitability for Hearing Loss Levels

The VITOPDIA PX2M hearing aids are designed for specific degrees of hearing loss. Refer to the table below to determine if this model is suitable for your needs:

Degree of Hearing Loss	Decibel Range	Sounds You May Be Missing	Does it work for me?
Mild	26-40 dB	People whispering, refrigerators humming, water babbling in a brook or stream	YES

Degree of Hearing Loss	Decibel Range	Sounds You May Be Missing	Does it work for me?
Moderate	41-55 dB	People working in a quiet office, rain falling, coffee brewing in a percolator	YES
Moderate to Severe	56-70 dB	People talking louder than normal volume, a dishwasher running, people laughing	NO
Severe	71-80 dB	Doorbells or telephones ringing, traffic noises, the sound of a vacuum cleaner	NO
Profound	≥81 dB	Someone shouting at you, a running lawnmower, motorcycles riding by	Recommend seeking medical help.

Table: Guide to determine if VITOPDIA PX2M hearing aids are suitable based on the degree of hearing loss and common sounds missed.

8. SPECIFICATIONS

8.1 General Specifications

- **Model Number:** PX2M
- **Product Dimensions:** 4.4 x 2.4 x 0.1 inches
- **Item Weight:** 4.96 ounces
- **Batteries:** 1 Lithium Ion battery (included)
- **Manufacturer:** VITOPDIA

8.2 Acoustic Performance

- **Max OSPL90:** <112dB+3dB
- **High-frequency Average OSPL90:** 103dB+4dB
- **Max Volume Audio Gain:** 25dB+5dB
- **Total Harmonic Distortion:** <3%+3%
- **Frequency Response Range:** 400Hz ~ 4500Hz
- **Equivalent Input Noise:** <25dB+3dB
- **Rated Current Consumption:** 2.5mA

8.3 Charging Case Specifications

- **Charging Case Working Current:** <400mA
- **Charging Case Input Voltage:** 5V
- **Hearing Aids Working Voltage:** 3.7V
- **Hearing Aids Charging Current:** <40mA

Acoustic Performance:

Max OSPL90: <112dB+3dB
High-frequency Average OSPL90: 103dB+4dB
Max Volume Audio Gain: 25dB+5dB
Total Harmonic Distortion:<3%+3%
Frequency Response Range:400Hz~ 4500HZ
Equivalent Input Noise:<25dB+3dB
Rated Current Consumption: 2.5mA

Specification:

Charing Case Working Current: ≤400mA
Charging Case Input Voltage: 5V
Hearing Aids Working Voltage: 3.7V
Hearing Aids Charing Current: ≤40mA

Image: A man wearing a hearing aid, accompanied by a detailed list of acoustic performance metrics and electrical specifications for both the hearing aids and the charging case.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase documentation or visit the official VITOPDIA website. Keep your proof of purchase for any warranty claims.

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