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VITOPDIA PX2M

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

Model: PX2M

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1. PRODUCT OVERVIEW

The VITOPDIA PX2M In-the-Ear OTC Hearing Aids are designed to provide clear and natural sound for individuals with mild to moderate hearing loss. Featuring advanced DSP technology and smart noise cancellation, these devices offer a comfortable and discreet hearing experience.



Image: The VITOPDIA PX2M hearing aid discreetly worn in the ear, highlighting its key features for enhanced hearing.

Key Features:

- **8-Channel Sound with DSP Smart Chip:** Delivers crystal-clear conversations, intelligent noise reduction, and natural sound.
- **Long Battery Life with Portable Charging Case:** Up to 18 hours of continuous use per charge, with the case providing up to 90 hours total usage (5 full charges).

- **Up to 25dB Gain:** Suitable for mild to moderate hearing loss with 3 adjustable volume levels.
- **One-Button Control:** Simple adjustment of volume with beep prompts for confident navigation.
- **Comfortable & Discreet In-the-Ear Fit:** Lightweight and ergonomically designed for all-day wear.



DSP Hearing Aids

- ✓ Clear, crisp, natural sound
- ✓ Filters background noise
- ✓ Reduces whistling and squeals (correct wearing)
- ✓ Automatically adjusts in real time
- ✓ Adapts to quiet, noisy, or outdoor settings
- ✓ Smoother listening experience
- ✓ Smart chip with advanced features
- ✓ Better features at affordable price

VS



Analog Hearing Aids

- ✗ Basic sound, can be distorted
- ✗ Amplifies all sounds equally
- ✗ More likely to squeal
- ✗ Manual and limited adjustments
- ✗ Same setting everywhere
- ✗ Can feel overwhelming
- ✗ Older analog technology
- ✗ Basic function only

Why Choose DSP Hearing Aids?

- Hear clearly in conversations, even in noisy places
- Enjoy natural sound with no sudden squeals
- More comfort, more control, more confidence

Upgrade to DSP today — hear the difference!

Image: Internal view of the hearing aid, showcasing the Super DSP Chip and 8-channel sound technology.

DSP Hearing Aids vs. Analog Hearing Aids:

Should I choose VITOPDIA hearing aids PX2M?			
Degree of Hearing Loss	Decibel	Sounds you are missing	Does it work for me?
Mild	26-40 dB	<ul style="list-style-type: none"> • People whispering • Refrigerators humming • Water babbling in a brook or stream 	✓ YES
Moderate	41-55 dB	<ul style="list-style-type: none"> • People working in a quiet office • Rain falling • Coffee brewing in a percolator 	✓ YES
Moderate to Severe	56-70 dB	<ul style="list-style-type: none"> • People talking louder than normal volume • A dishwasher running • People laughing 	NO
Severe	71-80 dB	<ul style="list-style-type: none"> • Doorbells or telephones ringing • Traffic noises • The sound of a vacuum cleaner 	NO
Profound	≥81 dB	<ul style="list-style-type: none"> • Someone shouting at you • A running lawnmower • Motorcycles riding by 	Recommend seeking medical help.

Image: A comparison detailing the advantages of DSP hearing aids over traditional analog models.

2. SETUP GUIDE

2.1 Unboxing and Initial Charge

Upon receiving your VITOPDIA PX2M hearing aids, carefully unpack all components. Before first use, ensure both the hearing aids and the charging case are fully charged.

1. Place the hearing aids into their respective slots in the charging case. Ensure the charging contacts align.
2. Connect the charging case to a power source using the provided USB cable.
3. The indicator lights on the case will show charging status. A full charge typically takes 2-3 hours.

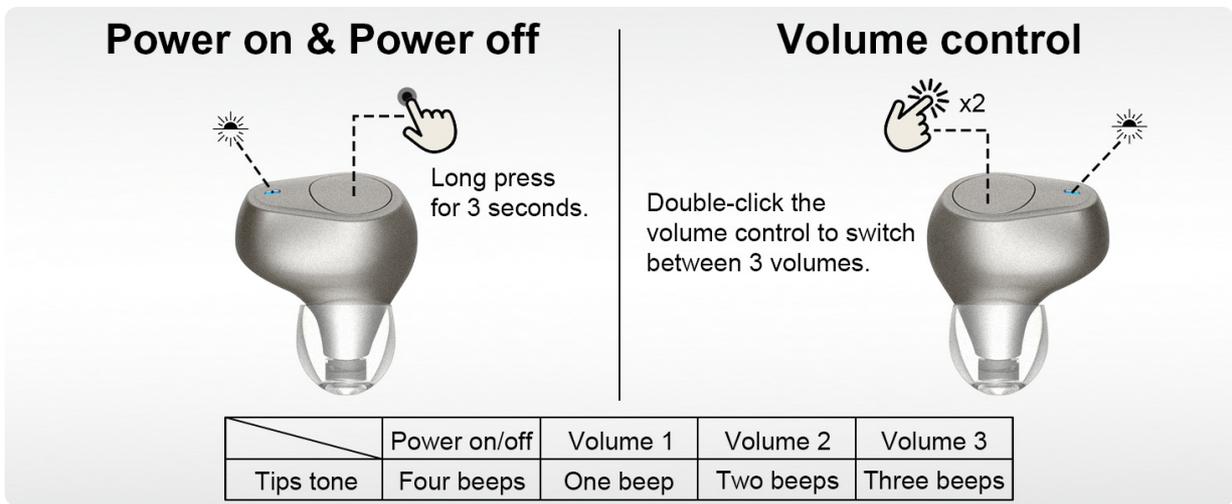


Image: The hearing aids in their charging case, demonstrating the charging process and battery life.

2.2 Selecting and Inserting Ear Tips

Proper fit is crucial for optimal sound quality and comfort, and to prevent whistling. The PX2M comes with various sizes of ear tips. Experiment to find the size that provides a snug, comfortable seal in your ear canal.

1. Choose the ear tip size that feels most comfortable and creates a good seal.
2. Gently attach the selected ear tip to the hearing aid.
3. Hold the hearing aid with the ear tip facing your ear canal.
4. Carefully insert the hearing aid into your ear canal, rotating slightly until it sits securely and comfortably.
5. Ensure the hearing aid is positioned correctly to avoid any gaps that could cause feedback (whistling).



Image: Visual instructions for correct wearing to prevent whistling, emphasizing ear tip selection and proper placement.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

- **To Power On:** Take the hearing aids out of the charging case. They will automatically power on. Alternatively, if already out of the case, long-press the control button for 3 seconds until you hear a beep prompt.

- **To Power Off:** Place the hearing aids back into the charging case; they will automatically shut down and begin recharging. Alternatively, long-press the control button for 3 seconds until you hear a beep prompt.

3.2 Volume Adjustment

The PX2M features 3 adjustable volume levels.

- **To Adjust Volume:** Double-click the control button on either hearing aid to cycle through the 3 volume levels. Each change will be indicated by a beep prompt (one beep for Volume 1, two beeps for Volume 2, three beeps for Volume 3).
- It is recommended to start at the lowest volume setting and gradually increase it to a comfortable level.

Portable and Lightweight

Weight: 0.32lbs



Image: Simplified steps for operating the hearing aids, including power and volume controls.

3.3 Single or Dual Ear Use

The VITOPDIA PX2M hearing aids can be used individually or as a pair.

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

Discreet Design, Comfortable Wearing

- Skin-friendly silicon earbuds without allergies.
- Fit snugly in the ear
- IP22 Sweatproof

Image: Examples of using the hearing aids in both single and dual ear configurations.

3.4 Smart Noise Cancellation

The integrated DSP smart chip provides intelligent noise reduction, minimizing background noise and enhancing speech clarity. This feature operates automatically to adapt to various sound environments, ensuring a comfortable listening experience without annoying howling or strong sound stimulation.

4. CARE AND MAINTENANCE

4.1 Cleaning the Hearing Aids

Regular cleaning helps maintain performance and hygiene.

- Use a soft, dry cloth to wipe the surface of the hearing aids daily.
- Gently clean the ear tips with a small brush or a damp cloth to remove earwax or debris. Ensure ear tips are completely dry before reattaching.
- Do not use water or cleaning solutions directly on the hearing aid body.
- Avoid using sharp objects to clean the sound outlet.

4.2 Charging Case Care

- Wipe the charging case with a soft, dry cloth.
- Keep the charging contacts clean and free from dust or debris.

4.3 Storage

- When not in use, store the hearing aids in their charging case to protect them and keep them charged.
- Store in a cool, dry place away from direct sunlight, high temperatures, and humidity.
- Keep out of reach of children and pets.

5. TROUBLESHOOTING

If you encounter any issues with your VITOPDIA PX2M hearing aids, please refer to the following common solutions:

Problem	Possible Cause	Solution
No sound or weak sound	Low battery; Ear tip blocked by earwax; Volume too low; Hearing aid not powered on.	Charge the hearing aids; Clean the ear tip; Increase volume; Power on the device.
Whistling or feedback sound	Improper fit; Ear tip too small; Earwax buildup in ear canal.	Re-insert the hearing aid for a snug fit; Try a larger ear tip; Consult a doctor for earwax removal.
Intermittent sound	Loose ear tip; Low battery; Device malfunction.	Ensure ear tip is secure; Charge the hearing aids; Contact customer support if issue persists.
Charging issues	Charging cable or adapter faulty; Poor contact between hearing aid and case.	Try a different cable/adapter; Clean charging contacts on aids and case; Ensure aids are correctly seated.

6. SPECIFICATIONS

6.1 General Specifications

- **Model Name:** PX2M
- **Brand:** VITOPDIA
- **Product Dimensions:** 4.4 x 2.4 x 0.1 inches
- **Weight:** 4.96 ounces
- **Batteries:** 1 Lithium Ion battery required (included)
- **Power Source:** Li-ion Battery
- **Style:** Both Ear
- **Color:** Champagne Gray

6.2 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

6.3 Charging Case Specifications

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

6.4 Suitability for Hearing Loss

The VITOPDIA PX2M hearing aids are designed for individuals with mild to moderate hearing loss. Refer to the table below to determine if this device is suitable for your needs.

Degree of Hearing Loss	Decibel (dB)	Sounds you might be missing	Does it work for me?
Mild	26-40 dB	People whispering, refrigerators humming, water babbling in a brook or stream	YES
Moderate	41-55 dB	People working in a quiet office, rain falling, coffee brewing in a percolator	YES
Moderate to Severe	56-70 dB	A dishwasher running, people laughing	NO

Degree of Hearing Loss	Decibel (dB)	Sounds you might be missing	Does it work for me?
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.

7. SAFETY INFORMATION

7.1 Important Legal Disclaimer

Statements regarding this device have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This device is intended for use by adults 18 years of age or older with perceived mild to moderate hearing loss.

7.2 General Safety Guidelines

- Consult a healthcare professional if you experience sudden hearing loss, ear pain, or excessive earwax.
- Do not expose the hearing aids or charging case to extreme temperatures, moisture, or direct sunlight.
- Avoid dropping the device or subjecting it to strong impacts.
- Do not attempt to modify or repair the device yourself. Contact customer support for assistance.
- Remove hearing aids before showering, swimming, or using hairspray/perfume.
- If you experience discomfort or irritation, discontinue use and consult a healthcare professional.