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Hiacinto B0BQ31B9WN

Hiacinto Digital Otoscope User Manual

Model: B0BQ31B9WN

1. INTRODUCTION

Thank you for choosing the Hiacinto Digital Otoscope. This device is designed to provide a clear, magnified view of the ear canal and eardrum, assisting in visual inspection. It features a large 7.0-inch IPS screen for direct viewing, a 3.9mm ear camera with 6 LED lights, and comes with essential accessories for safe and effective use.

This manual will guide you through the setup, operation, maintenance, and troubleshooting of your new digital otoscope.



Image 1.1: The Hiacinto Digital Otoscope with its integrated 7-inch display and attached ear camera probe.

2. WHAT'S INCLUDED

Please check the package contents to ensure all items are present:

- Digital Otoscope Unit with 7.0 Inch IPS Screen
- 3.9mm Ear Camera Probe with 6 LED Lights
- 32GB Memory Card (pre-inserted or included separately)
- USB Charging Cable
- 10 Pcs Disposable Specula
- 12 Ear Spoons (various sizes and types)
- User Manual



Image 2.1: All components included in the Hiacinto Digital Otoscope package, including the main unit, camera probe, memory card, disposable specula, and ear spoons.



Image 2.2: A set of ten disposable specula, designed for hygienic use with the otoscope.



Image 2.3: A collection of ear spoons in different shapes and sizes, provided for earwax removal.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the otoscope unit. Connect the provided USB charging cable to the device's charging port and a standard USB power adapter (not included). The charging indicator will show the charging status. A full charge typically takes approximately 3-4 hours.

3.2 Inserting the Memory Card

The device comes with a 32GB memory card. Ensure it is properly inserted into the designated slot on the side of the otoscope unit. This card is essential for saving captured images and videos.

3.3 Attaching the Disposable Specula

For hygiene and safety, always attach a new disposable speculum before each use. The speculum helps prevent over-insertion and cross-contamination.

1. Gently slide a disposable speculum onto the tip of the ear camera probe until it clicks into place.
2. Ensure it is securely fastened before use.
3. Dispose of the speculum after each use.



Image 3.1: Illustration demonstrating the safe use of the otoscope with a disposable speculum to prevent over-insertion into the ear canal.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the Power button () on the device to turn it on. The 7.0-inch IPS screen will illuminate, displaying the live feed from the camera. To turn off, press and hold the Power button again.

4.2 Viewing the Ear Canal

The device is designed for immediate use without any app downloads. Once powered on, the live view is displayed on the screen.

- Gently insert the camera probe with the attached disposable speculum into the ear canal.
- Adjust the angle and depth slowly to get a clear view.
- The optimal focal length for the sharpest images is approximately 1 inch (2.5 cm) between the camera lens and the inner ear. Adjust the distance carefully to prevent blurry images.
- The 6 LED lights provide illumination for clear visibility.



Image 4.1: Visual comparison highlighting the superior clarity and size of the 7-inch IPS screen (1920x1080 resolution) compared to smaller, lower-resolution displays.

4.3 Capturing Images and Videos

The otoscope can capture high-resolution images and videos (1920x1080p) directly to the 32GB memory card.

- To take a picture: Press the **OK** button once. A capture icon will briefly appear on the screen.
- To record a video: Press and hold the **OK** button. A recording indicator will appear. Press and hold again to stop recording.
- To review captured media: Use the navigation buttons (Up/Down arrows) to browse through saved files. Press **OK** to view a selected image or play a video.

4.4 Using Ear Spoons

The included ear spoons are designed for visual earwax removal. Use them with extreme caution and only if you are confident in your ability to do so safely. Always refer to a medical professional for significant earwax buildup or any ear discomfort.

5. MAINTENANCE

5.1 Cleaning the Camera Lens and Specula

- Always use a new disposable speculum for each examination.
- After use, carefully remove and discard the used speculum.
- Gently wipe the camera lens with a soft, dry, lint-free cloth. For stubborn smudges, a slightly dampened cloth with isopropyl alcohol can be used, followed by a dry wipe. Ensure no liquid enters the device.
- Do not use abrasive cleaners or immerse the device in water.

5.2 Battery Care

- Recharge the battery when the low battery indicator appears.
- Avoid completely draining the battery frequently to prolong its lifespan.
- If storing the device for an extended period, charge it to about 50% every 3-6 months.

5.3 Storage

Store the otoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery; Power button not pressed correctly	Charge the device fully; Press and hold the Power button for 3 seconds
Image is blurry	Incorrect focal distance; Dirty lens	Adjust the distance to approximately 1 inch from the ear canal; Clean the camera lens gently
Cannot save images/videos	Memory card full or not inserted correctly; Memory card error	Check memory card insertion; Delete old files to free space; Try reformatting the card (this will erase all data); Replace memory card if error persists
LED lights not working	Device malfunction	Contact customer support

7. SPECIFICATIONS

- **Screen Size:** 7.0 Inch IPS Display
- **Camera Diameter:** 3.9mm
- **LED Lights:** 6 adjustable LED lights
- **Resolution:** 1920x1080p (for images and videos)
- **Storage:** 32GB Memory Card (included)
- **Battery:** 3000 mAh Rechargeable Battery
- **Optimal Focal Length:** 1 inch (2.5 cm)
- **Connectivity:** USB for charging and data transfer
- **ASIN:** B0BQ31B9WN
- **First Available Date:** December 14, 2022

8. WARRANTY AND SUPPORT

Hiacinto products are manufactured to high-quality standards. For warranty information, technical support, or any questions regarding your device, please contact Hiacinto customer service through the retailer's platform or the official Hiacinto website. Please have your product model (B0BQ31B9WN) and purchase date ready when contacting support.

For the latest support information and contact details, please visit the [Hiacinto Store on Amazon](#).

