

Lifenaxx LX-032

Lifenaxx LX-032 Wi-Fi Otoscope User Manual

Smart Visual Ear Cleaner with Camera

1. INTRODUCTION

Thank you for choosing the Lifenaxx LX-032 Wi-Fi Otoscope. This device is designed to provide a clear, magnified view of the ear canal and other body parts, facilitating visual inspection and gentle earwax removal. It connects wirelessly to your smartphone or tablet, allowing for real-time observation and recording.

Please read this manual thoroughly before using the device to ensure safe and proper operation.

2. SAFETY INFORMATION

- This device is intended for personal use and should not replace professional medical advice or examination. Consult a healthcare professional for any concerns regarding ear health.
- Do not insert the otoscope too deeply into the ear canal to avoid injury to the eardrum.
- Always use the included ear spoons gently. Excessive force can cause damage.
- Ensure the device is clean before and after each use, especially the ear spoons.
- Keep out of reach of children. Adult supervision is required when used on children or pets.
- Do not use the device if you experience pain, discomfort, or bleeding. Seek medical attention immediately.
- Avoid exposing the device to extreme temperatures or direct sunlight.
- The device is IP67 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. However, avoid prolonged submersion and ensure the charging port is dry before charging.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Lifenaxx LX-032 Wi-Fi Otoscope
- USB Charging Cable
- Assorted Ear Spoons (5 different shapes)

- Storage Container for Ear Spoons
- User Manual (this document)



Image 3.1: The Lifenaxx LX-032 Wi-Fi Otoscope with its included accessories, including the USB charging cable, various ear spoons, and a small storage container.

4. PRODUCT OVERVIEW

The Lifenaxx LX-032 features a compact design with a high-resolution camera and integrated lighting for clear visualization.



Image 4.1: The Lifenaxx LX-032 Otoscope with its protective cap removed, revealing the camera tip and integrated light.



Image 4.2: A detailed view of the otoscope's ultra-thin tip (3.9mm diameter) with one of the ear spoons securely attached.

Key Components:

- **Camera Tip:** Ultra-thin 3.9mm diameter with FullHD 1080p resolution (1920x1080 at 30FPS, 3 megapixels).
- **LED Lights:** 6 bright LEDs for illumination.
- **Power Button:** Located on the device body.
- **Charging Port:** Micro USB port for charging.
- **Ear Spoons:** Various shapes for different ear canal sizes and wax types.

5. SETUP

5.1. Charging the Device

Before first use, fully charge the otoscope. Connect the provided USB charging cable to the device's charging port and to a standard USB power source (e.g., computer, wall adapter).



Image 5.1: The otoscope being charged by connecting its USB cable to a laptop's USB port.

The indicator light will show charging status (e.g., red for charging, green for fully charged). A full charge typically takes approximately 1-2 hours.

5.2. App Installation (iTiMo)

The Lifenaxx LX-032 operates with the "iTiMo" application, available for both iOS and Android devices.

1. Search for "iTiMo" in your device's app store (Apple App Store for iOS, Google Play Store for Android).
2. Download and install the application.
3. Grant necessary permissions when prompted (e.g., camera, storage).

5.3. Wi-Fi Connection

To connect the otoscope to your smartphone or tablet:

1. Press and hold the power button on the otoscope for 2-3 seconds to turn it on. The indicator light will illuminate.
2. On your smartphone or tablet, go to your Wi-Fi settings.
3. Look for a Wi-Fi network named similar to "Lifenaxx_XXXX" or "iTiMo_XXXX" (where XXXX is a series of characters).
4. Connect to this network. No password is usually required.
5. Open the "iTiMo" app. The live video feed from the otoscope should now appear on your screen.

The Wi-Fi connection operates on the 2.4 GHz frequency band with a transmission range of approximately 8 meters in open spaces.

6. OPERATING INSTRUCTIONS

6.1. Basic Use for Ear Examination

1. Ensure the device is charged and connected to the iTiMo app as described in Section 5.
2. Select an appropriate ear spoon and gently attach it to the tip of the otoscope.
3. Carefully insert the otoscope tip into the ear canal while observing the live feed on your device.
4. Adjust the angle and depth slowly to get a clear view. The camera's focal length is 1.5 to 2 cm.
5. Use the ear spoon to gently dislodge and remove earwax. Always move slowly and avoid sudden movements.
6. If you feel any resistance or pain, stop immediately.

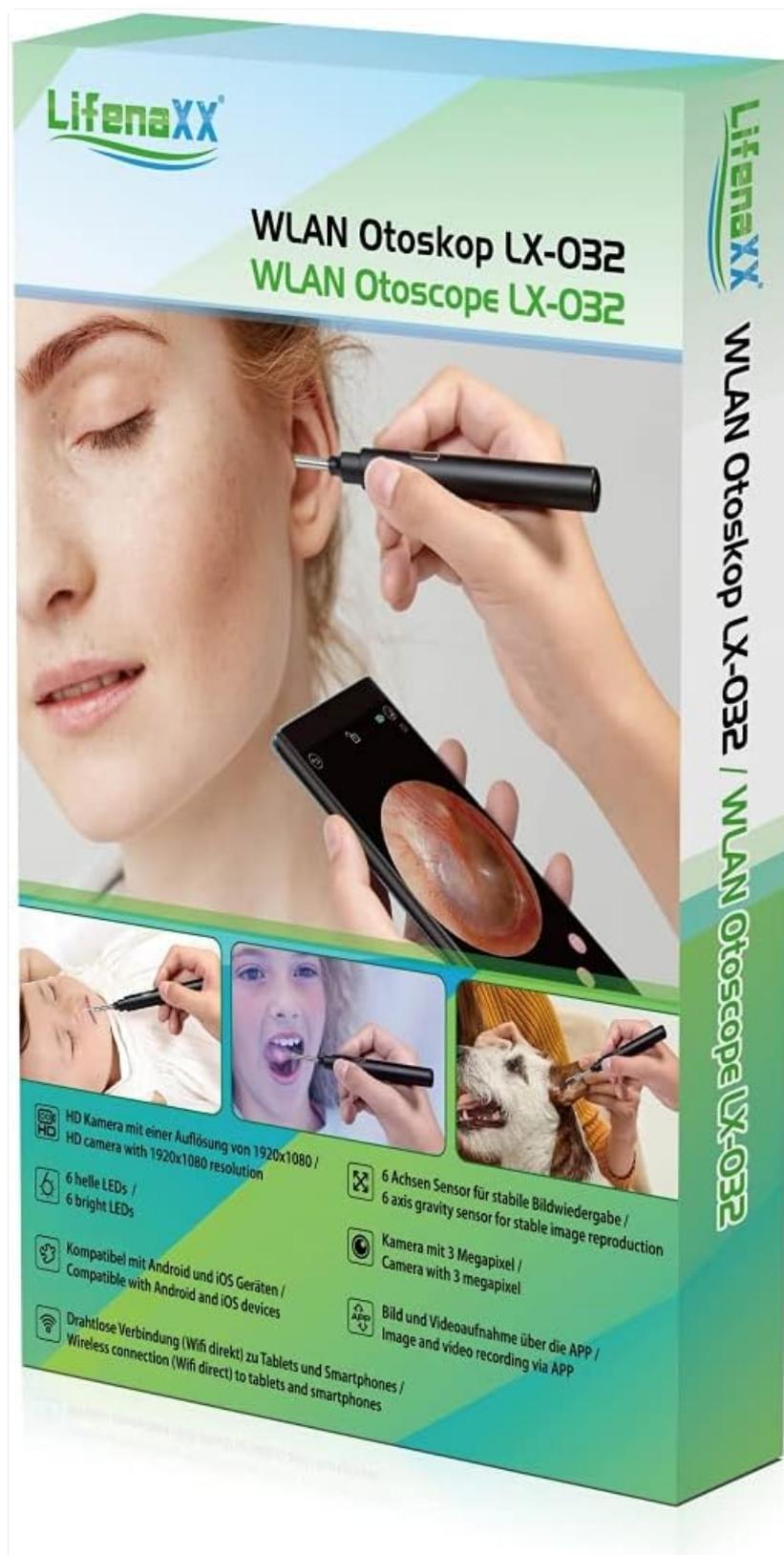


Image 6.1: An individual using the LifenaXX LX-032 Otoscope to inspect their ear, with the real-time video displayed on a connected smartphone.

6.2. Image and Video Recording

The iTiMo app allows you to capture still images and record videos of your observations.

- While viewing the live feed, locate the camera icon in the app interface to take a photo.
- Locate the video camera icon to start and stop video recording.
- Captured images and videos will be saved directly to your smartphone or tablet's gallery.

6.3. Multi-functional Use

Beyond ear examination, the Lifenaxx LX-032 can be used for inspecting other areas:

- **Oral Cavity:** Inspect teeth, gums, or the back of the throat.
- **Nasal Cavity:** Gently examine the inside of the nose.
- **Skin Surface:** Observe skin conditions or pores.
- **Pets:** Useful for inspecting the ears, nose, or mouth of pets.



Image 6.2: The otoscope being used to visually inspect the oral cavity of a child.



Image 6.3: The otoscope being gently used to examine the nasal passage of a baby.

7. MAINTENANCE

7.1. Cleaning

- **Ear Spoons:** After each use, remove the ear spoon and wash it with soap and water. You may also sterilize them with rubbing alcohol. Ensure they are completely dry before storage or reuse.
- **Otoscope Tip:** Gently wipe the camera lens and the surrounding area with a soft, dry, lint-free cloth. For stubborn residue, a slightly damp cloth (with water or rubbing alcohol) can be used, ensuring no liquid enters the device body.
- **Device Body:** Wipe with a clean, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the charging port is dry before connecting the charging cable.

7.2. Storage

Store the Lifenaxx LX-032 in a cool, dry place, away from direct sunlight and extreme temperatures. Keep the protective cap on the otoscope tip when not in use. Store ear spoons in their designated container.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not turn on.	Low battery.	Charge the device fully.
Cannot connect to Wi-Fi.	Device not powered on; Incorrect Wi-Fi network selected; Too far from device.	Ensure device is on; Select the correct "Lifenaxx_XXXX" or "iTiMo_XXXX" network; Move closer to the otoscope.
No image in the iTiMo app.	Wi-Fi not connected; App permissions not granted.	Verify Wi-Fi connection; Check app permissions in your phone settings. Restart app and device.
Image is blurry.	Camera lens is dirty; Object is outside focal range.	Clean the camera lens gently; Adjust the distance to the object (focal length 1.5-2 cm).
Device gets warm during use.	Normal operation.	A slight warmth is normal. If it becomes excessively hot, discontinue use and contact support.

9. SPECIFICATIONS

- **Model:** Lifenaxx LX-032
- **Camera Resolution:** FullHD 1080p (1920x1080)
- **Frame Rate:** 30 FPS
- **Camera Pixels:** 3 Megapixels
- **Focal Length:** 1.5 - 2 cm
- **LEDs:** 6 bright LEDs
- **Gravity Sensor:** 6-axis for stable image reproduction
- **Otoscope Diameter:** 3.9 mm
- **Connectivity:** Wi-Fi Direct (2.4 GHz)
- **Transmission Range:** ~8 meters (open space)
- **Max. Radiated Transmit Power:** 20mW
- **Compatibility:** iOS and Android devices (via iTiMo app)
- **Waterproof Rating:** IP67

10. WARRANTY AND SUPPORT

Lifenaxx products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official Lifenaxx website. Please retain your proof of purchase for warranty claims.

