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MOBI Connect Wi-Fi Otoscope

MOBI Connect Wi-Fi Otoscope User Manual

Model: Connect Wi-Fi Otoscope

1. PRODUCT OVERVIEW

The MOBI Connect Wi-Fi Otoscope is a versatile device designed for visual inspection of the ears, nose, and throat. It features a 1080P HD camera, a multi-axis gyroscope for stable imaging, and six LED lights for clear illumination. The device connects wirelessly to a smartphone or tablet, allowing users to view, capture, and record high-definition images and videos.



Image 1.1: The MOBI Connect Wi-Fi Otoscope, its packaging, and a smartphone showing the live camera feed of an ear canal.

Key Features:

- **1080P HD Camera:** Provides clear and detailed visuals.
- **Multi-Axis Gyroscope:** Ensures stable image orientation during use.
- **6 LED Lights:** Illuminates the inspection area for optimal viewing.
- **Wi-Fi Connectivity:** Connects to the MOBI Smart App on smartphones and tablets.
- **Rechargeable Battery:** Offers over 90 minutes of continuous operation.
- **IP67 Waterproof Probe Tip:** Allows for easy and hygienic cleaning.
- **Ergonomic Design:** Provides a comfortable grip for ease of use.
- **Family Friendly:** Includes 3 protective ear speculums, suitable for adults and children.



Image 1.2: Labeled diagram highlighting the key features and components of the MOBI Connect Wi-Fi Otoscope.

2. PACKAGE CONTENTS

Before proceeding with setup, please verify that all items are present in your package:

- 1 x MOBI Connect Wi-Fi Otoscope
- 3 x Protective Ear Speculums
- 1 x USB Charging Cable
- 1 x User Manual

What You Will Get!



Image 2.1: All items included in the MOBI Connect Wi-Fi Otoscope package.

3. SETUP GUIDE

3.1 Charging the Device

1. Connect the provided USB charging cable to the charging port on the otoscope.
2. Plug the other end of the USB cable into a standard USB power adapter (not included) or a computer's USB port.
3. The indicator lights on the device will show charging status. A full charge typically takes approximately 1.5 hours and provides over 90 minutes of continuous use.

3.2 Installing the MOBI Smart App

1. Scan the QR code in the user manual or search for "MOBI Smart" in your device's app store (Apple App Store for iOS, Google Play Store for Android).
2. Download and install the application.
3. Follow the on-screen instructions to create an account or log in.

3.3 Connecting to Wi-Fi

The MOBI Connect Wi-Fi Otoscope connects to your smartphone or tablet via a direct Wi-Fi connection established by the device itself. It does not connect to your home Wi-Fi network for operation, but rather creates its own hotspot.

1. Ensure the otoscope is sufficiently charged.
2. Press and hold the power button on the otoscope until the indicator light turns on.
3. On your smartphone or tablet, go to your Wi-Fi settings.
4. Look for a Wi-Fi network named similar to "MOBI_XXXX" or "MOBI Otoscope_XXXX" (where XXXX are unique characters).
5. Select this network and connect to it. No password is typically required.
6. Once connected, open the MOBI Smart App. The app should automatically detect the otoscope.

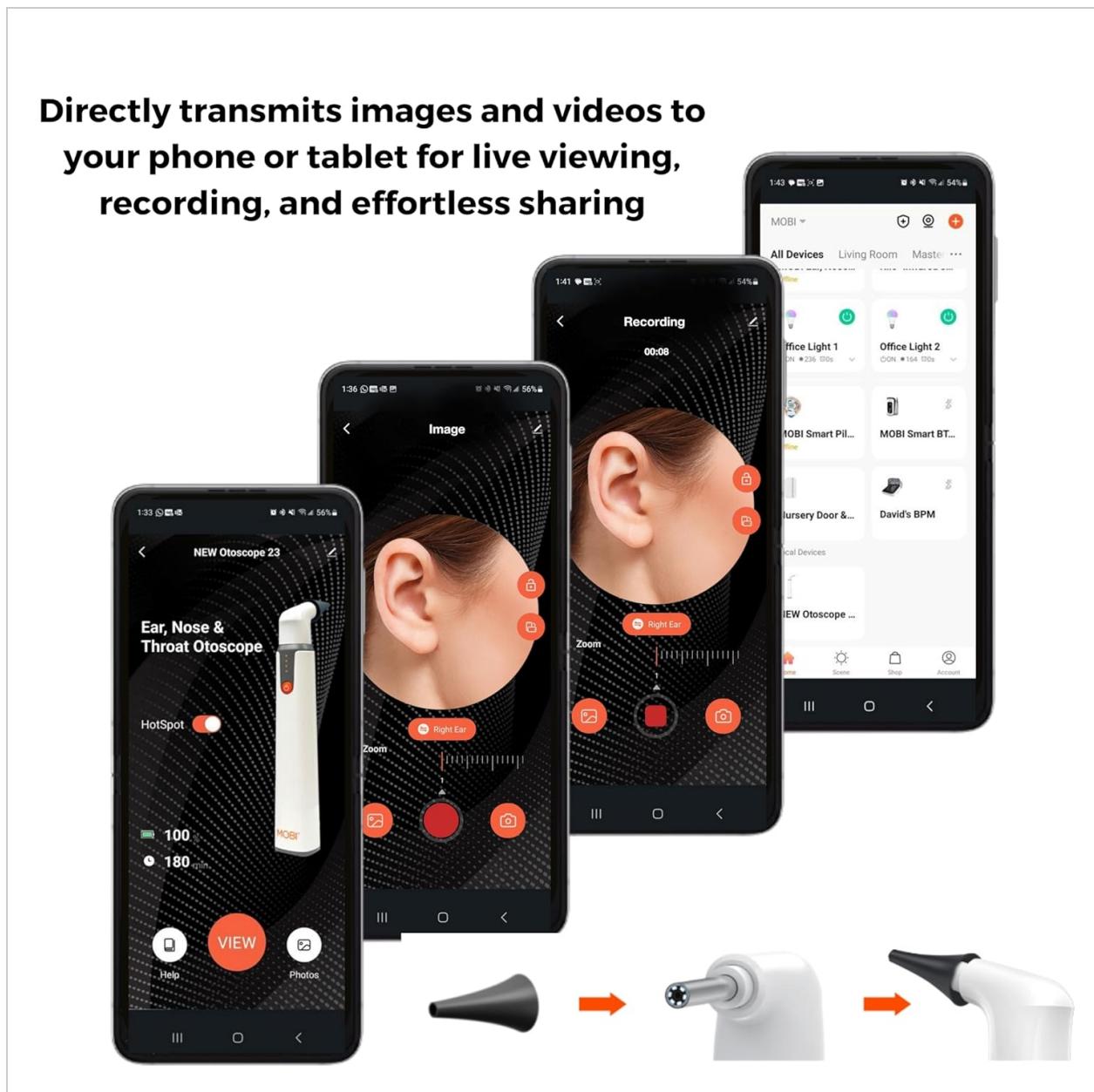


Image 3.1: The MOBI Smart App interface on various smartphones, demonstrating the device connection and live viewing capabilities.

3.4 Attaching a Speculum

1. Select a clean, protective ear speculum from the included accessories.

2. Gently push the speculum onto the tip of the otoscope probe until it is securely in place. Ensure it is firmly attached to prevent it from detaching during use.
3. Always use a clean speculum for each examination to maintain hygiene.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Off

- **To Power On:** Press and hold the power button for approximately 2-3 seconds until the indicator lights illuminate.
- **To Power Off:** Press and hold the power button again for approximately 2-3 seconds until the indicator lights turn off.

4.2 Performing an Examination

1. Ensure the otoscope is powered on and connected to the MOBI Smart App on your device.
2. Gently insert the speculum-covered probe tip into the area you wish to examine (ear canal, nostril, or mouth).
3. Observe the live feed on your smartphone or tablet. Adjust the angle and depth of insertion carefully to get a clear view.
4. The multi-axis gyroscope helps maintain a stable image orientation, but steady hand movements are crucial for clarity.

4.3 Capturing Images and Videos

Within the MOBI Smart App, you will find controls for capturing media:

- **Image Capture:** Tap the camera icon to take a still photograph of the current view.
- **Video Recording:** Tap the video camera icon to start recording. Tap it again to stop recording.
- All captured images and videos are saved directly to your connected smartphone or tablet's gallery.

4.4 Multiple Applications

The MOBI Connect Wi-Fi Otoscope can be used for various inspections:

- **Ear Inspections:** View the ear canal and eardrum to check for wax buildup, foreign objects, or signs of infection.
- **Nose Inspections:** Examine the nasal passages.
- **Throat Inspections:** Observe the back of the throat and tonsils.
- **Dental Inspections:** Inspect teeth and gums.
- **Pet Inspections:** Suitable for examining the ears of pets.



Image 4.1: Ear inspection.



Image 4.2: Nose inspection.



Image 4.3: Throat inspection.

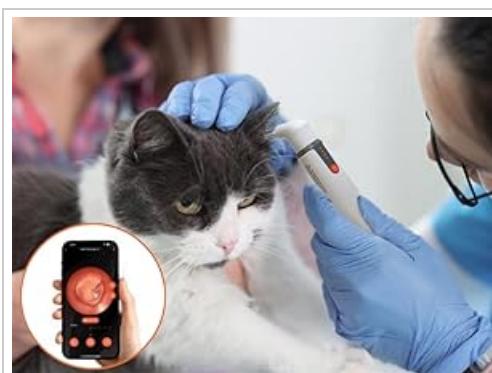


Image 4.4: Pet ear inspection.

4.5 Sharing Data

Images and videos captured with the otoscope can be easily shared from your smartphone or tablet's gallery, facilitating communication with healthcare professionals if needed.



Image 4.5: Sharing captured images and videos with a healthcare professional.

5. MAINTENANCE

5.1 Cleaning the Probe Tip and Speculums

The otoscope's probe tip is IP67 waterproof, allowing for safe cleaning.

1. Remove the speculum from the probe tip.
2. Clean the probe tip with a soft cloth dampened with isopropyl alcohol or a mild disinfectant. Do not submerge the entire device in liquid.
3. Wash used speculums with soap and water, then disinfect with isopropyl alcohol. Allow them to air dry completely before reuse or storage.
4. Always ensure the probe tip and speculums are clean and dry before each use.



Image 5.1: Cleaning the otoscope probe tip and accessories.

5.2 Battery Care and Storage

- Charge the device regularly, even if not in frequent use, to maintain battery health.
- Store the otoscope in a cool, dry place, away from direct sunlight and extreme temperatures.
- Keep the device and its accessories out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your MOBI Connect Wi-Fi Otoscope, please refer to the following common solutions:

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully using the provided USB cable.
Cannot connect to the device's Wi-Fi.	Device Wi-Fi not active; incorrect network selected; phone Wi-Fi issues.	Ensure the otoscope is powered on and its Wi-Fi signal is broadcasting. Select the correct "MOBI_XXXX" network. Restart your phone's Wi-Fi. Ensure your phone is not trying to connect to a 5GHz home network if the otoscope creates a 2.4GHz hotspot.
Image is blurry or unclear.	Unsteady hand movement; dirty camera lens; incorrect focal distance.	Hold the device as steadily as possible. Clean the camera lens gently with a soft, dry cloth. Adjust the distance between the probe tip and the inspection area for optimal focus.
Speculum detaches during use.	Speculum not securely attached; worn speculum.	Ensure the speculum is firmly pushed onto the probe tip until it clicks into place. Replace worn speculums with new ones.
App does not detect the otoscope.	Not connected to the device's Wi-Fi; app malfunction.	Verify your phone is connected to the otoscope's Wi-Fi network. Close and reopen the MOBI Smart App. Restart both the otoscope and your phone.

7. SPECIFICATIONS

Feature	Detail
Camera Resolution	1080P HD
Illumination	6 LED Lights
Stabilization	Multi-Axis Gyroscope
Connectivity	Wi-Fi (direct device hotspot)
Battery Life	Up to 90+ minutes of continuous use
Waterproof Rating	IP67 (probe tip only)
Product Dimensions	8.23 x 3.78 x 1.89 inches

Feature	Detail
Weight	4.96 ounces
Manufacturer	Mobi Technologies, Inc.

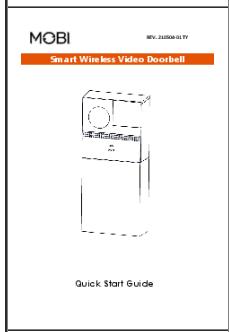
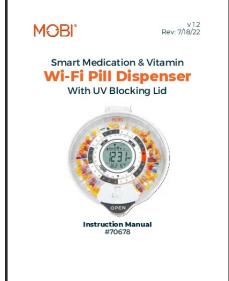
8. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official MOBI website. For technical support or further assistance, please contact MOBI customer service through their official channels.

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Related Documents - Connect Wi-Fi Otoscope

 <p>MOBI Ear, Nose & Throat Wi-Fi Otoscope HD Camera Quick Start Guide V1.4</p>	<p><u>MOBI Wi-Fi Otoscope HD Camera Quick Start Guide</u></p> <p>This document provides a quick start guide for the MOBI Wi-Fi Otoscope HD Camera, detailing setup procedures in EZ and AP modes, account creation, device usage, warranty information, general care, safety precautions, specifications, and FCC compliance.</p>
 <p>MOBI Digital Otoscope User Guide and Setup Instructions</p>	<p><u>MOBI Digital Otoscope User Guide and Setup Instructions</u></p> <p>Comprehensive guide to setting up and using the MOBI Digital Otoscope in EZ Mode and AP Mode, including troubleshooting tips and FCC compliance information.</p>
 <p>MOBI Smart BMI Wi-Fi Total Body Composition Scale With App Analysis Instruction Manual V1.0 v1.0 Revised: 7/18/22</p>	<p><u>MOBI Smart BMI Wi-Fi Total Body Composition Scale: Setup, Operation, and Care Guide</u></p> <p>User manual for the MOBI Smart BMI Wi-Fi Total Body Composition Scale. Learn how to connect to the app, operate the device, understand specifications, troubleshoot issues, and view warranty information.</p>

 <p>MOBI Support Monitoring System Emergency Help Button</p> <p>Quick Start Guide</p>	<p><u>Mobi Support Monitoring System & Emergency Help Button Quick Start Guide</u></p> <p>A quick start guide for the Mobi Support Monitoring System and Emergency Help Button, covering setup, app registration, device connection, and features like professional support and sensor integration.</p>
 <p>MOBI Smart Wireless Video Doorbell</p> <p>Quick Start Guide</p>	<p><u>MOBI Smart Wireless Video Doorbell: Quick Start Guide & Features</u></p> <p>Discover how to set up and use your MOBI Smart Wireless Video Doorbell with this comprehensive Quick Start Guide. Learn about installation, key features like HD video and two-way audio, app integration, and troubleshooting tips for a smarter, more secure home.</p>
 <p>MOBI Smart Medication & Vitamin Wi-Fi Pill Dispenser With UV Blocking Lid</p> <p>Instruction Manual Rev. 7/18/22</p>	<p><u>MOBI Smart Medication & Vitamin Wi-Fi Pill Dispenser Instruction Manual</u></p> <p>Comprehensive instruction manual for the MOBI Smart Medication & Vitamin Wi-Fi Pill Dispenser with UV Blocking Lid, covering setup, operation, app connectivity, and maintenance.</p>