

VITCOCO DQ-DE-P80

VITCOCO Otoscope Camera with Screen (Model DQ-DE-P80) User Manual

Your Guide to Safe and Effective Visual Inspection

1. INTRODUCTION

Thank you for choosing the VITCOCO Otoscope Camera with Screen, Model DQ-DE-P80. This device is designed to provide a clear visual inspection of various body parts, including ears, nose, mouth, and skin, for adults, children, and pets. Featuring a 4.3-inch HD IPS screen and a 5-megapixel camera with 6 LED lights, it offers a detailed view without the need for external applications or Wi-Fi connections. Please read this manual thoroughly before use to ensure safe and optimal operation.

2. IMPORTANT SAFETY INFORMATION

- **Consult a Professional:** This device is for visual inspection and general cleaning. It is not a substitute for professional medical diagnosis or treatment. If you experience ear pain, discomfort, or suspect an infection, consult a healthcare professional.
- **Gentle Use:** Always insert the otoscope probe gently and slowly. Avoid forcing it into any body cavity. Excessive force can cause injury.
- **Children and Pets:** Use with children and pets requires adult supervision. Ensure they remain still during inspection to prevent accidental injury.
- **Cleaning:** Clean the ear spoons and protective caps thoroughly before and after each use. Refer to the 'Maintenance and Cleaning' section for detailed instructions. Improper cleaning or using harsh chemicals can damage the camera lens or other components.
- **Water Resistance:** The probe is IP67 waterproof, allowing for cleaning. However, the main screen unit is not waterproof. Do not immerse the main unit in water or expose it to excessive moisture.
- **Battery Safety:** Do not attempt to replace the built-in battery. Do not expose the device to extreme temperatures or direct sunlight.
- **Storage:** Store the device and accessories in a clean, dry place, out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- VITCOCO Otoscope Camera with 4.3-inch HD IPS Screen
- USB Charging Cable
- Adult Ear Protectors (x2)
- Children's Ear Protectors (x2)
- Removable Ear Spoons (x6)
- User Manual



Image: The VITCOCO Otoscope Camera main unit, probe, USB cable, and various ear spoons and protective caps.

4. PRODUCT OVERVIEW AND COMPONENTS

The VITCOCO Otoscope Camera features an integrated screen and a slender probe with a camera and LED lights for clear visualization.

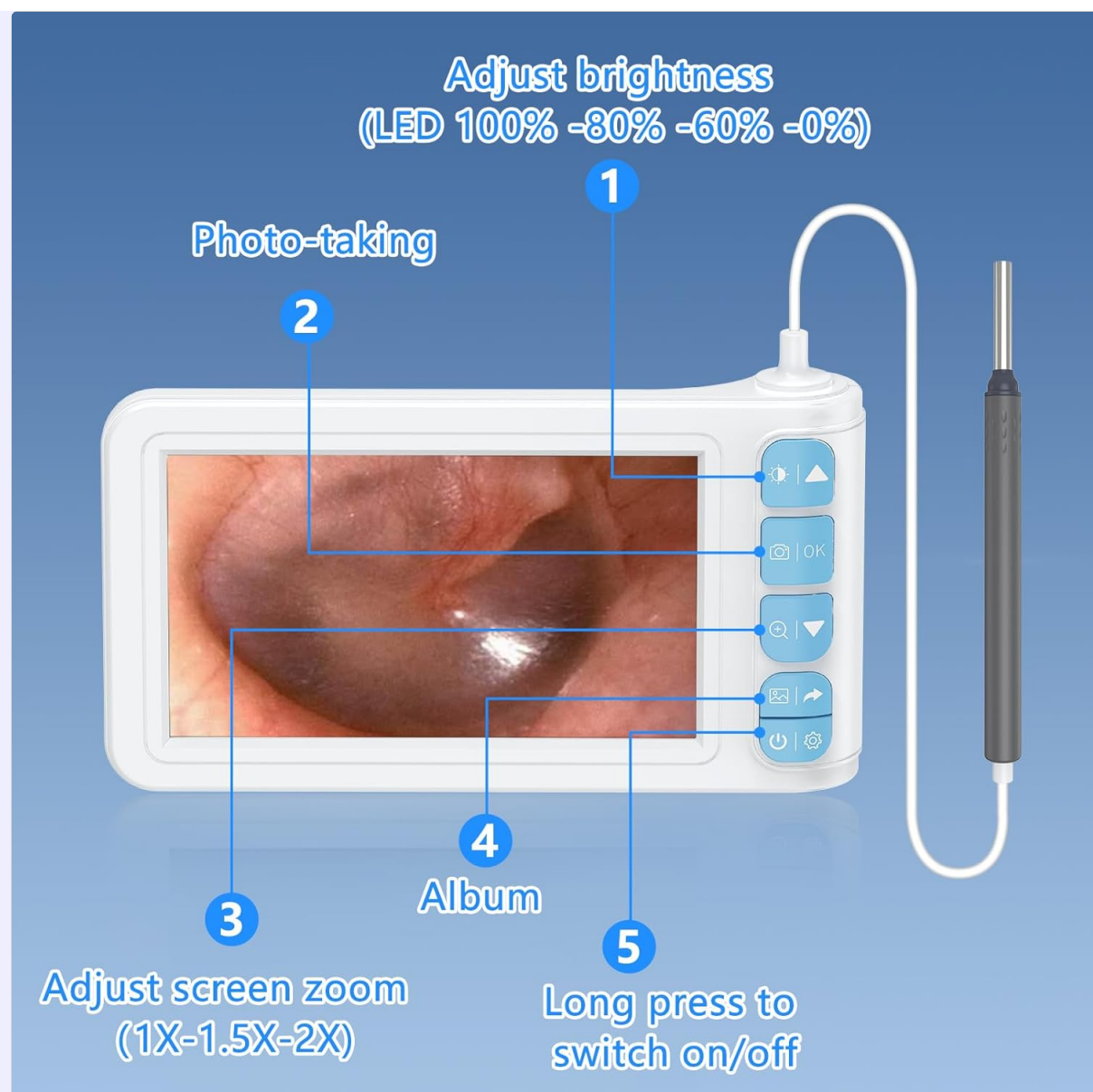


Image: Diagram illustrating the main unit with its 4.3-inch screen and control buttons. Labels indicate functions such as brightness adjustment, photo-taking, screen zoom, album access, and power switch.

1. **Brightness Adjustment Button:** Controls the intensity of the LED lights (100%-80%-60%-0%).
2. **Photo-taking Button:** Captures still images of the live view.
3. **Screen Zoom Button:** Adjusts the magnification of the screen (1X-1.5X-2X).
4. **Album Button:** Accesses saved photos and videos.
5. **Power Button:** Long press to switch the device on or off.

4.3-inch High-definition Screen

Adjust brightness

(LED 100% -80% -60% -0%)

Adjust the screen multiplier

(1X-1.5X-2X)



Image: A detailed view of the 4.3-inch High-definition IPS screen, highlighting its display capabilities and internal components.

5. SETUP

5.1 Charging the Device

Before first use, fully charge the device. Connect the provided USB charging cable to the charging port on the main unit and to a standard USB power adapter (not included). The device has a built-in 2000mAh battery, providing approximately 4 hours of continuous operation on a full charge.

Rechargeable battery

Sustainable working
for 4 hours

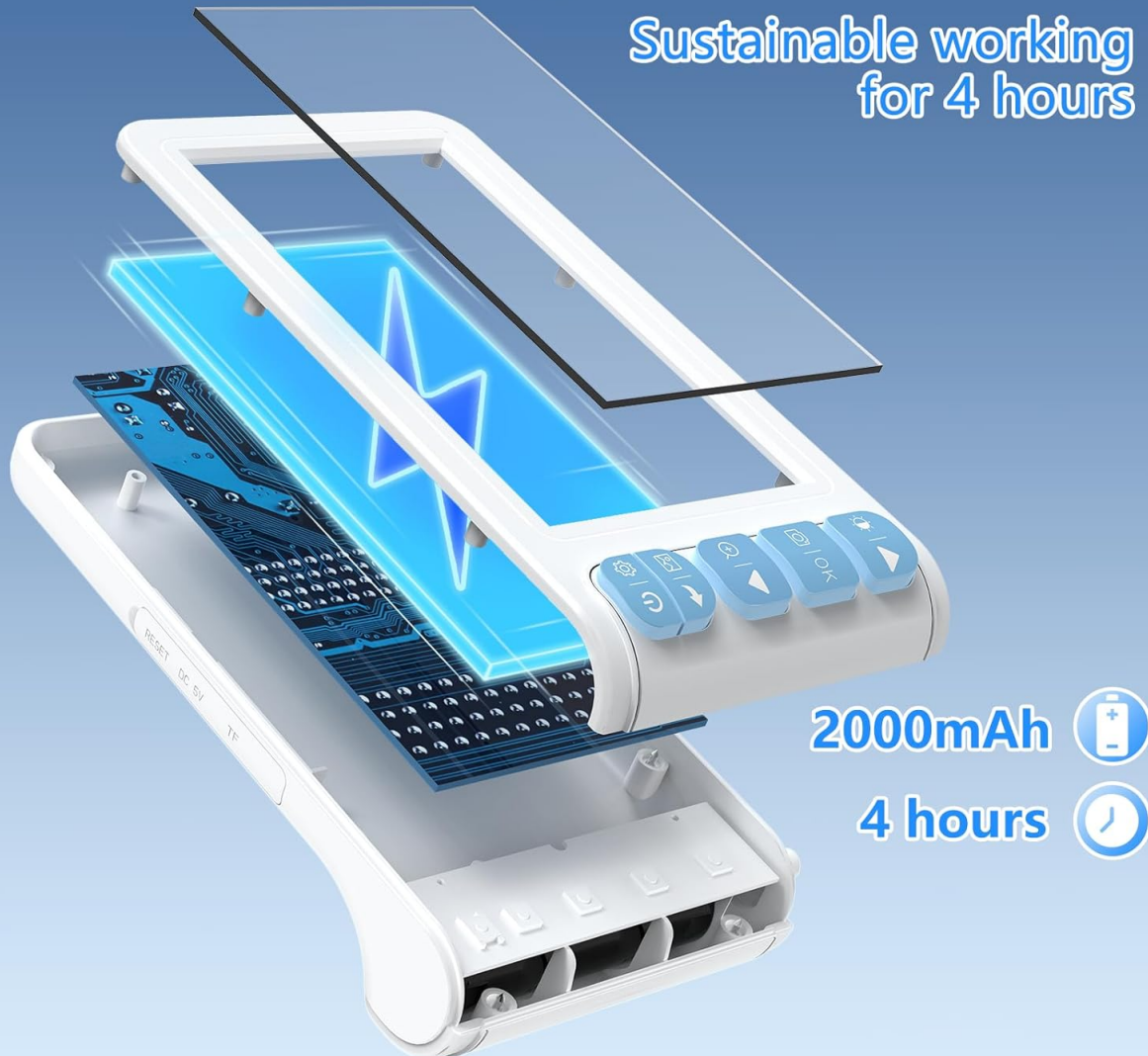
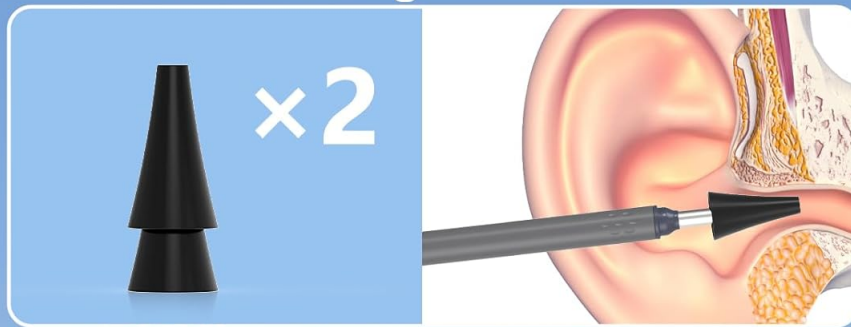


Image: An exploded view illustrating the internal rechargeable 2000mAh battery and circuit board within the otoscope unit, emphasizing its 4-hour sustainable working time.

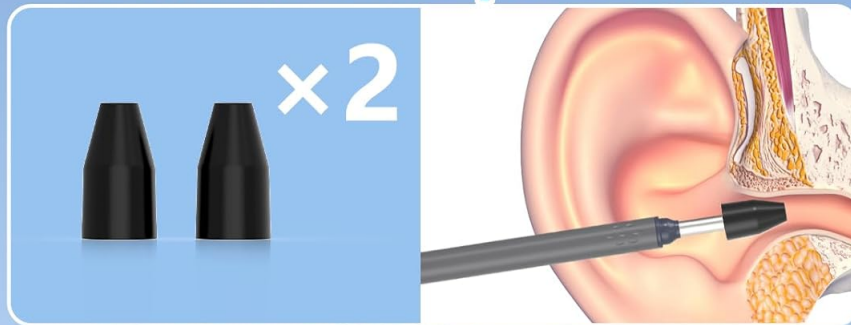
5.2 Attaching Accessories

Select the appropriate ear spoon or protective cap for your intended use. Gently attach it to the tip of the otoscope probe. Ensure it is securely fastened before use.

Adult ear protectors



Children's ear protectors



Removable Ear Spoon

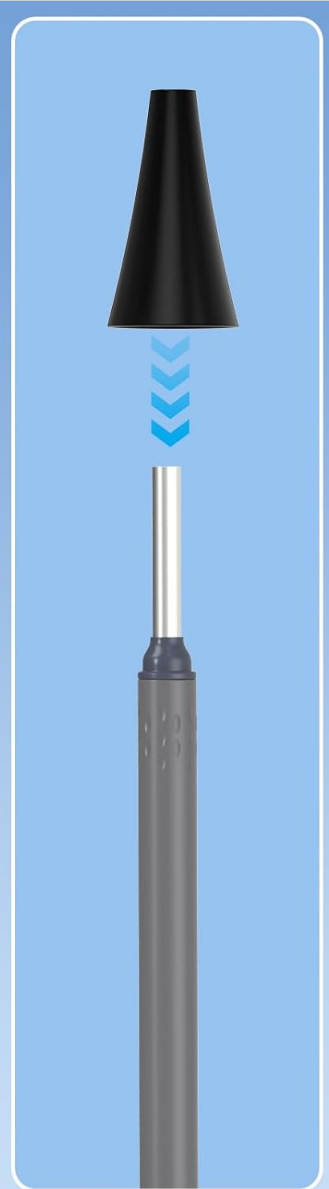
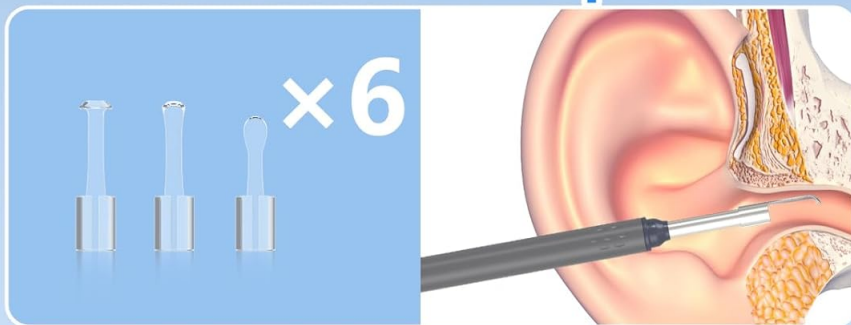


Image: Visual guide demonstrating how to attach adult ear protectors, children's ear protectors, and removable ear spoons to the otoscope probe.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Long press the Power Button (5) on the main unit to turn the device on or off. The screen will illuminate when powered on.

6.2 Adjusting Brightness and Zoom

- Use the Brightness Adjustment Button (1) to cycle through LED light intensities (100%, 80%, 60%, 0%).
- Use the Screen Zoom Button (3) to adjust the magnification of the image on the screen (1X, 1.5X, 2X).

6.3 Taking Photos and Videos

While viewing, press the Photo-taking Button (2) to capture a still image. The device also supports real-time video recording. Captured media can be reviewed in the Album (4).

6.4 General Usage Guidelines

- **Ear Inspection:** Carefully insert the probe into the ear canal. Use the screen to guide your movements. The 3.9mm diameter probe is designed for safe entry.
- **Ear Wax Removal:** If using an ear spoon, gently maneuver it to scoop out visible ear wax. Avoid pushing wax deeper into the ear canal.
- **Other Applications:** The device can also be used for visual inspection of the mouth, nose, and skin.

Wide applications



Image: A collage demonstrating the wide applications of the otoscope, including use for ears, mouth, nose, skin, babies, and pets.

7. MAINTENANCE AND CLEANING

7.1 Cleaning the Probe and Accessories

The otoscope probe is IP67 waterproof, allowing for direct rinsing under water. The removable ear spoons and protective caps should be cleaned thoroughly with mild soap and water or an alcohol wipe before and after each use. Ensure all accessories are completely dry before storage or re-attachment.

Caution: When cleaning the camera lens area, use a soft, lint-free cloth. Avoid abrasive materials or excessive force, as this can scratch or damage the lens, leading to blurry images. Do not use strong

chemical solvents directly on the lens.

7.2 Cleaning the Main Unit

Wipe the main screen unit with a soft, dry cloth. Do not use water or cleaning solutions directly on the screen or buttons, as the main unit is not waterproof.

8. TROUBLESHOOTING

- **Device does not turn on:** Ensure the device is fully charged. Connect it to a power source and try again.
- **Image is blurry or unclear:**
 - Check if the camera lens is clean. Gently wipe it with a soft, dry cloth.
 - Adjust the screen zoom using the appropriate button.
 - Ensure there is adequate lighting; adjust the LED brightness if necessary.
- **No image on screen:** Ensure the probe cable is securely connected to the main unit.
- **Device not charging:** Verify that the USB cable is properly connected to both the device and the power adapter. Try a different USB cable or power adapter.
- **No Wi-Fi or App connection:** This device is designed for standalone operation and does not require Wi-Fi or a mobile application.

9. SPECIFICATIONS

Feature	Specification
Model Number	DQ-DE-P80
Screen Size	4.3-inch HD IPS Screen
Camera Resolution	5 Million Pixels
LED Lights	6 LED Lights
Probe Diameter	3.9mm
Battery Capacity	2000mAh Lithium Ion
Operating Time	Up to 4 hours (continuous)
Waterproof Rating	IP67 (for probe only)
Dimensions (Parcel)	18.1 x 13 x 4.9 cm
Weight (Parcel)	50 g

10. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official VITCOCO website. If you encounter any issues or have questions regarding the operation or maintenance of your VITCOCO Otoscope Camera, please contact VITCOCO customer support.

11. LEGAL DISCLAIMER

Actual product packaging and materials may contain more and different information than what is shown on our website. We recommend that you do not rely solely on the information presented and that you always read labels, warnings, and directions before using or consuming a product.