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› PrimaCare DL-4112 Mini Diagnostic Otoscope Kit User Manual

Primacare DL-4112

PrimaCare DL-4112 Mini Diagnostic Otoscope Kit User Manual

Model: DL-4112

1. INTRODUCTION

The PrimaCare DL-4112 Mini Diagnostic Otoscope Kit is designed for visual examination of the ear canal, eardrum, throat, and nasal passages. This compact and portable device features an LED light source and 3X magnification to aid in clear observation. It is intended for general diagnostic purposes and should be used with appropriate caution.

2. PRODUCT COMPONENTS

The PrimaCare DL-4112 Mini Diagnostic Otoscope Kit typically includes the following components:

- Otoscope Handle with LED light source
- Otoscope Head with 3X magnification lens
- Three (3) interchangeable Specula (ear tips) of various sizes
- Two (2) AAA batteries



Image 2.1: The PrimaCare DL-4112 Otoscope Kit showing the handle, head, and three specula.

PRIMACARE DL-4112



PORTABLE AND AN IDEAL GIFT

Two AAA batteries included. The perfect gift for doctors, nurses, internists, medical assistants, medical students, veterinary, & etc

10
YEARS OF
EXCELLENCE

Image 2.2: The PrimaCare DL-4112 Oscope Kit as packaged, including the device and AAA batteries.

3. FEATURES

- **High-Resolution LED Light:** Provides bright, clear illumination for detailed examinations.
- **3X Magnification:** The lens offers 3 times magnification for enhanced viewing of internal structures.
- **Multi-Functional Design:** The otoscope head is removable, allowing the handle to be used as a standalone penlight.
- **Changeable Specula:** Includes three different sizes of ear tips to suit various examination needs and patient ages.
- **Portable:** Compact and lightweight design for easy transport and storage.

**PRIMACARE
DL-4112**



Image 3.1: A close-up view of the otoscope head highlighting the 3X magnification feature.

**PRIMACARE
DL-4112**



CHANGEABLE EAR TIPS OTOSCOPE KIT

Mini otoscope kit comes with 3 ear tips sizes



LIGHT
WEIGHT



EASY
TO CARRY



DURABLE
AND STURDY



PREMIUM
QUALITY

10
YEARS OF
EXCELLENCE

Image 3.2: The otoscope displayed with its three interchangeable ear tips, demonstrating the variety of sizes.

4. SETUP

4.1. Battery Installation

1. Unscrew the bottom cap of the otoscope handle.
2. Insert two (2) AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Screw the bottom cap back on securely.

4.2. Attaching Specula (Ear Tips)

1. Select the appropriate size speculum for the examination.
2. Gently push the chosen speculum onto the tip of the otoscope head until it is firmly seated. Ensure it is secure to prevent it from detaching during use.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

To turn the LED light on, firmly press down on the pocket clip located on the side of the otoscope handle. Release the clip to turn the light off. Ensure the clip is fully depressed for continuous illumination.

5.2. Performing an Examination

1. Ensure the otoscope has fresh batteries and a clean, securely attached speculum.
2. Gently pull the outer ear (pinna) upwards and backwards to straighten the ear canal.
3. Carefully insert the speculum into the ear canal, avoiding excessive force. Do not insert too deeply.
4. Look through the viewing lens while observing the ear canal and eardrum. Adjust the angle as needed for a clear view.
5. For throat or nasal examinations, use the appropriate speculum and illuminate the area carefully.
6. After examination, gently remove the otoscope.



**PRIMACARE
DL-4112**

**MINI DIAGNOSTIC
OTOSCOPE KIT**

It is a perfect size for the ultimate medical checkup. The bright LED light will help you to see the ear-hole clearly & use it to carry easily

10
YEARS OF
EXCELLENCE

Image 5.1: An illustration of the PrimaCare DL-4112 Otoscope being used for an ear examination.

5.3. Safety Precautions

- Always use the otoscope with caution.
- Never force the speculum into any body opening.

- This device is not intended for self-diagnosis or treatment. Consult a medical professional for any health concerns.
- Keep out of reach of children.

6. MAINTENANCE

6.1. Cleaning

- **Specula:** The specula are designed for multiple uses and can be washed with mild soap and water, then thoroughly rinsed and air-dried. Alternatively, they can be disinfected with an appropriate medical-grade disinfectant.
- **Otoscope Handle and Head:** Wipe the exterior of the handle and head with a soft, damp cloth. Do not immerse the device in water or any cleaning solutions. Avoid using abrasive cleaners.

6.2. Storage

Store the otoscope kit in a clean, dry place at room temperature, away from direct sunlight and extreme temperatures. Remove batteries if the device will not be used for an extended period to prevent leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on or flickers	Loose battery connection, dead batteries, or clip not fully depressed.	Ensure batteries are correctly inserted and fresh. Press the pocket clip firmly. Check if the otoscope head is securely attached.
Dim light output	Low battery power.	Replace both AAA batteries with new ones.
Speculum falls off easily	Speculum not securely attached or worn.	Ensure the speculum is pushed firmly onto the otoscope head. If it continues to fall off, the speculum may be worn and require replacement.

8. SPECIFICATIONS

- **Model Number:** DL-4112
- **Light Source:** LED
- **Magnification:** 3X
- **Power Source:** 2 x AAA batteries (included)
- **Dimensions:** Approximately 9.13 x 3.39 x 1.14 inches (packaged)
- **Weight:** Approximately 2.47 ounces (packaged)
- **Manufacturer:** Primacare

9. WARRANTY AND SUPPORT

For product support or inquiries, please contact Primacare directly. While specific warranty details are not provided in this manual, general support can be obtained through the manufacturer.

Manufacturer Contact Information: 908-486-7050
