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OMMO MD-3006 Kids Metal Detector Instruction Manual

Brand: OMMO | Model: MD-3006

1. INTRODUCTION

The OMMO MD-3006 Kids Metal Detector is designed to provide an engaging and educational outdoor experience for children. This lightweight and adjustable metal detector features an intuitive LCD display and is suitable for exploring various terrains to discover metallic objects. This manual provides essential information for safe assembly, operation, and maintenance of your metal detector.



Image: The OMMO MD-3006 Kids Metal Detector in pink, shown with its main components and included digging tools.

2. SAFETY INFORMATION

- **Age Recommendation:** This metal detector is recommended for children aged 3-12 years. Adult supervision is advised during use.
- **Battery Safety:** Use only a 9V battery as specified. Ensure correct polarity when inserting the battery. Do not mix old and new batteries or different types of batteries. Remove batteries if the device will not be used for an extended period.
- **Digging Tools:** The included plastic shovel and rake are designed for safety. Always use caution when digging to avoid injury or damage to property.
- **Environmental Awareness:** Be aware of your surroundings. Avoid digging in areas where underground cables, pipes, or other hazards may be present. Respect private property and local regulations regarding metal detecting.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- OMMO MD-3006 Kids Metal Detector (Main Unit)
- 9V Battery
- Plastic Shovel
- Plastic Rake
- User Manual



Image: All components of the OMMO MD-3006 Kids Metal Detector, including the main unit, search coil, handle, and digging tools.

4. ASSEMBLY INSTRUCTIONS

The OMMO MD-3006 is designed for easy, three-step assembly:

1. **Attach Search Coil:** Align the fixing knob and connector with the search coil. Securely fasten the search coil to the adjustable stem using the provided knob.
2. **Connect Wiring:** Pass the wire through the stem and press the buckle to secure it. Insert the

search coil's cable plug into the two-pin jack located on the handle unit.

3. **Assemble Handle and Stem:** Align the stem with the gap in the handle unit and push firmly until it clicks into place.
4. **Install Battery:** Open the battery compartment on the handle unit. Insert the 9V battery, ensuring correct polarity (+/-). Close the compartment securely.



Images: Visual guide for the four-step assembly process.

Assembly Video

Video: This video demonstrates the installation steps for the OMMO MD-3006 Kids Metal Detector, showing how to connect the search coil, stem, and handle, and insert the battery.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

- To turn on, press and hold the ON/OFF switch for 3 seconds.
- To turn off, press the ON/OFF switch once.

5.2. Environmental Calibration (Reset)

If the detector shows no response when turning on, it indicates that Environmental Calibration is functioning. To reset, place the search coil in an open space and then press the ON/OFF switch. The detector should then work normally.

5.3. LCD Display

The intuitive LCD display features a fun puppy and bones animated image. The display indicates battery level and signal strength. More bones appearing on the screen indicate a closer target. The display also shows the approximate depth of the detected object.

INTUITIVE LCD DISPLAY



MORE ELECTRICITY
MORE SIGNAL

CLOSER THE TARGET
THE MORE SIGNAL

PRESS 3 SECONDS
TO TURN ON/OFF

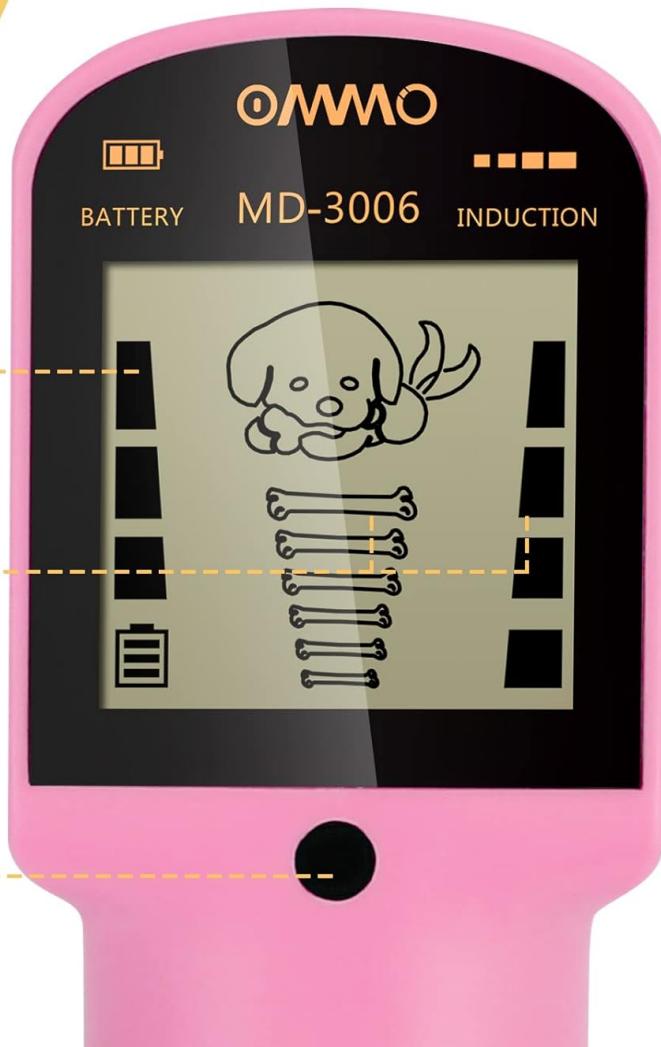


Image: Detailed view of the LCD display, illustrating battery status and detection indicators.

5.4. Detection Principles

- **Sweeping Technique:** To detect objects, swipe the search coil from side to side while walking slowly. Keep the search coil parallel to the ground for optimal detection.
- **Detection Depth:** The detector can find metallic objects up to 4 inches underground.
- **Target Indication:** The device will emit an audible signal and visual cues on the LCD display when metal is detected. The signal frequency and the number of bones on the screen will increase as you get closer to the target.

DETECT VARIOUS&DEEP TREASURE



Image: Diagram showing the metal detector's ability to detect objects up to 4 inches deep.

5.5. Discrimination Mode (DISC)

The detector may feature a discrimination mode (DISC button) to filter out certain types of less valuable metals, allowing you to focus on specific targets. Refer to the LCD display for indications of different metal types.

5.6. Adjustable Stem

The metal detector features an adjustable stem that can extend from 27.5 inches to 37.8 inches. Use the buckle to easily adjust the height to suit the user, ensuring comfortable operation for various heights.

ADJUSTABLE STEM



Image: Children demonstrating the adjustable stem feature for comfortable use.

5.7. Waterproof Search Coil

The 6-inch search coil is waterproof, allowing for detection in shallow water or wet conditions. Ensure the control box and handle remain dry.

Usage Guide Video

Video: This video provides a usage guide for the OMMO MD-3006 Kids Metal Detector, demonstrating how to operate the device and interpret its signals.

6. MAINTENANCE

- Cleaning:** Wipe the metal detector with a soft, damp cloth after each use. Avoid using abrasive cleaners or solvents.
- Storage:** Store the metal detector in a cool, dry place away from direct sunlight. Remove the battery if storing for extended periods.
- Battery Replacement:** Replace the 9V battery when the low battery indicator appears on the LCD display.

7. TROUBLESHOOTING

- No Response When Turning On:** If the detector does not respond upon activation, perform an Environmental Calibration. Place the search coil in an open space and press the ON/OFF switch. The detector should then function correctly.
- Weak or Inconsistent Signal:** Ensure the battery is fully charged or replaced. Check that all connections are secure. Make sure the search coil is swept parallel to the ground.
- False Signals:** This can occur in areas with high mineralization or electromagnetic interference. Try moving to a different location or adjusting the discrimination settings if available.

8. SPECIFICATIONS

Feature	Specification
Brand	OMMO
Model Number	MD3006
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	1.24 Pounds
Extended Length	37.8 Inches
Adjustable Length	Yes (27.5" to 37.8")
Search Coil Size	6 Inches
Detection Depth	Up to 4 Inches
Power Source	Battery Powered (9V Battery)
International Protection Rating	IP54 (Waterproof search coil)

9. SUPPORT & WARRANTY

For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official OMMO website. Keep your purchase receipt for warranty claims.

