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› OMMO Metal Detector User Manual

OMMO MD-6012

OMMO Metal Detector User Manual

Model: MD-6012

Brand: OMMO

INTRODUCTION

Thank you for choosing the OMMO Metal Detector. This analog pointer metal detector is designed for adults and teens, featuring a 4.3-inch backlight screen and a 10-inch waterproof coil. It offers multiple operating modes for detecting various metals, including gold, coins, and other treasures. Please read this manual thoroughly before operation to ensure proper use and longevity of your device.

IMPORTANT SAFETY INFORMATION

- This metal detector is recommended for individuals over 12 years old.
- The control box of the metal detector is **NOT WATERPROOF**. Ensure it remains dry to prevent damage.
- Always exercise caution when digging to avoid injury or damage to underground utilities.

PACKAGE CONTENTS

- 1 x OMMO Metal Detector (MD-6012)
- 1 x Gift Box
- 2 x 9V Batteries
- 1 x Headphone (with headset jack for conventional headsets)



Image: The OMMO Metal Detector, showing the main unit, search coil, armrest, and included accessories like headphones and 9V batteries, all neatly packaged.

SETUP AND ASSEMBLY

Follow these steps to assemble your OMMO Metal Detector:

1. Connect the armrest accessories to the upper stem.
2. Attach the handle to the middle stem.
3. Connect the upper stem (with armrest) to the handle assembly.
4. Connect the middle stem (with handle) to the lower stem.
5. Unscrew the long bolt from the search coil.
6. Attach the 10-inch waterproof search coil to the lower stem using the long bolt.
7. Insert the control box into the handle assembly.
8. Wind the search coil cable securely around the stem.
9. Insert the coil's plug into the matching connector on the control box.
10. Open the buckle on the telescopic stem to adjust the height to your preference (70cm-125cm / 27.5"-49").

Video: Official OMMO Analog Pointer Metal Detector Installation Steps. This video demonstrates the step-by-step assembly process of the metal detector, from connecting the armrest and stems to attaching the search coil and control box.



Image: An exploded view showing all the individual components of the OMMO Metal Detector, including the control box, stems, handle, armrest, and search coil, ready for assembly.

Upgraded Control Panel with Backlight

Suitable for day and night

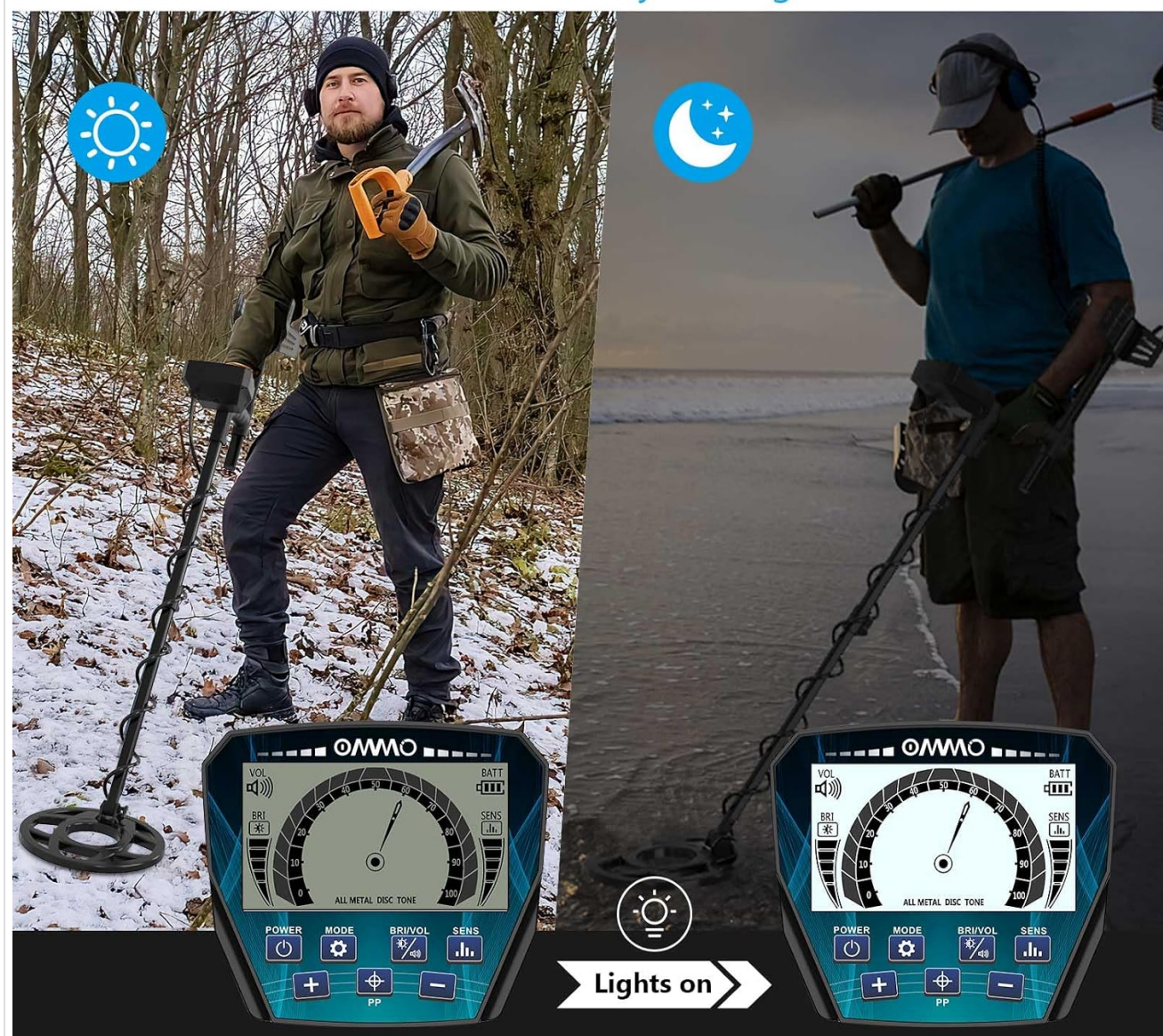


Image: A close-up of the unique buckle design on the telescopic stem, highlighting how it allows for convenient and quick adjustment of the detector's length to suit different user heights.

OPERATING MODES

The OMMO Metal Detector features three distinct operating modes to optimize your metal detection experience:

- **ALL METAL MODE:** This mode is designed to search for all types of metal objects, including steel, zinc, aluminum, gold, copper, and silver. It provides comprehensive detection without discrimination.
- **DISCRIMINATION MODE:** In this mode, you can deselect specific metal types that you do not wish to detect, allowing the device to ignore unwanted trash items. Press the "Mode" button to switch between "ALL" and "DISC" modes.
- **PINPOINT MODE:** Use this mode to precisely locate the target once a signal is detected. Press and hold the "PP" button to activate pinpointing.

Upgrade Chip & Higher Detection



Image: Visual representation of the four main operation modes: All Metal Mode, Discrimination Mode, LCD Mode (for night use), and PP Mode (Pinpoint), illustrating their functions.

4 Operation Modes

All Metal Mode

Select All The Metals



Discrimination Mode

Deselect the Metal You Don't Want



LCD Mode

Suitable for Night Use



PP Mode

Locate The Target



Image: A detailed view of the 4.3-inch LCD screen with backlight, showing the various indicators for volume, brightness, battery level, sensitivity, and the main analog pointer display for metal detection.

KEY FEATURES

- **4.3-inch LCD Screen with Backlight:** The large display offers 5 brightness adjustments, ensuring clear visibility in various lighting conditions, including dim or dark environments. The meter pointer swings right when a metal target is found.
- **Adjustable Telescopic Stem:** The unique buckle design allows for quick and easy adjustment of the stem length from 70cm to 125cm (27.5" to 49"), making it suitable for users of different heights, including teens and adults. The armrest design enhances comfort and reduces fatigue during extended use.
- **10-inch Waterproof Search Coil:** The large search coil provides a detection depth of up to 8 inches, which can vary based on the size of the target. Its waterproof design allows for effective detection underwater, making it ideal for beaches, streams, and other outdoor environments. *Note: The control box is not waterproof.*
- **Operating Frequency:** 7 KHz.
- **Power Source:** Battery Powered (2 x 9V batteries included).
- **Material:** Acrylonitrile Butadiene Styrene (ABS).

70cm-125cm/27.5"-49" Adjustable Stem



Image: Illustration demonstrating the adjustable stem length, showing an adult and a teen using the metal detector at different heights (49 inches for adults, 27.5 inches for teens).

10" Waterproof Search Coil



Image: The 10-inch waterproof search coil submerged in water, highlighting its capability for underwater detection. A clear warning is provided that the control box is not waterproof.

Unique Retractable Stem, Energy-saving



Image: A comparison showing the metal detector's control panel in both daylight and dim light conditions, demonstrating the effectiveness of the backlight feature for clear visibility at any time.

MAINTENANCE

- After each use, especially in wet or sandy conditions, wipe down the search coil and lower stem with a damp cloth.
- Ensure the control box remains dry at all times. If it gets wet, immediately power off the device and allow it to dry completely before next use.
- Store the metal detector in a cool, dry place when not in use.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

TROUBLESHOOTING

- **No Power:** Check if the 9V batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **No Signal/Weak Signal:** Ensure the search coil cable is securely plugged into the control box. Adjust the sensitivity setting to a higher level. Test the device with a known metal object.

- **False Signals/Chattering:** Lower the sensitivity setting. Move away from sources of electromagnetic interference (e.g., power lines, other electronic devices). Ensure the search coil cable is tightly wound around the stem.
- **Inaccurate Pinpointing:** Practice with known targets to understand the pinpointing function. Ensure the search coil is moved slowly and steadily over the target area.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	OMMO
Model Number	MD-6012
Color	Green
Display Type	LCD (4.3 inch with backlight)
Operating Frequency	7 KHz
Search Coil Size	10 Inches
Max Detection Depth	Up to 8 inches (varies with target size)
Adjustable Length	70cm - 125cm (27.5" - 49")
Power Source	Battery Powered (2 x 9V batteries)
Material	Acrylonitrile Butadiene Styrene
Item Weight	820 Grams (1.81 pounds)
Product Dimensions	16.14 x 11.02 x 3.94 inches
International Protection Rating	IP68 (for search coil only)

WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact OMMO-US directly. Refer to the contact information provided in your product packaging or visit the official OMMO website for assistance.