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OMMO MD-7011

OMMO MD-7011 Metal Detector Instruction Manual

Model: MD-7011 | Brand: OMMO

INTRODUCTION

This manual provides comprehensive instructions for the OMMO MD-7011 Metal Detector. Designed for both adults and kids, this device features advanced detection capabilities, a waterproof search coil, and a rechargeable battery, making it ideal for treasure hunting in various environments.

PACKAGE CONTENTS

- OMMO MD-7011 Metal Detector Unit
- 10" IP68 Waterproof Search Coil
- Adjustable Stem (27.5"-49")
- Ergonomic Armrest
- Headphones
- USB-C Charging Cable
- User Manual

SETUP AND ASSEMBLY

Follow these steps to assemble your OMMO MD-7011 Metal Detector:

Comprehensive Function



NOTE: THE CABLE SHOULD BE WOUND UP TO AVOID SIGNAL INTERFERENCE

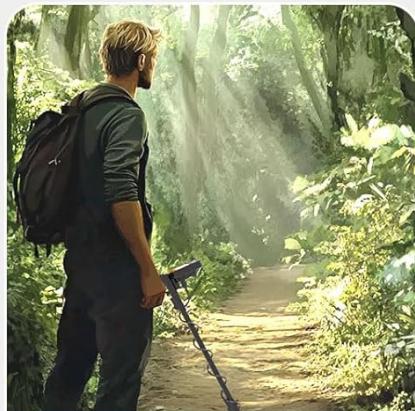
Figure 1: Comprehensive Function Diagram with labeled parts.

1. Connect the armrest to the upper stem using the provided long bolt.
2. Attach the handle grip to the upper stem.
3. Connect the upper stem to the middle stem, ensuring the buckle is secure.
4. Connect the middle stem to the lower stem.
5. Insert the control box into the handle grip, ensuring it clicks securely into place.
6. Attach the 10" search coil to the lower stem using the provided knob and bolt.
7. Wind the search coil cable securely around the stem, ensuring it is not loose.
8. Insert the coil's plug into the matching connector on the control box and tighten the nut.
9. Adjust the stem height by opening the buckle, extending or retracting the stem, and then closing the buckle firmly.

Video: This video demonstrates the step-by-step installation process for the OMMO MD-7011 Metal Detector, including connecting the armrest, handle, stems, search coil, and control box.

OPERATING MODES

The OMMO MD-7011 features 6 distinct detection modes to optimize your treasure hunting experience:



A-M

Detect all types of metal



DISC

Eliminate the unwanted metal



NOTCH

Freedom to eliminate unwanted metal

6 Operation Modes



MEMORY

Detect the only memorized metal



JEWELRY

Detecting jewelry and precious metals



PP

Locate the target

Figure 2: Overview of the 6 Operation Modes.

- **All-Metal Mode (A-M):** Detects all types of metal, including iron, nickel, zinc, aluminum, copper, and silver. Ideal for general searching when you want to find everything.
- **Discrimination Mode (DISC):** Allows you to eliminate unwanted metal types from left to right on the screen. The detector will not respond to eliminated metals.
- **Notch Mode (NOTCH):** Enables precise elimination of unwanted metal by selecting the target icon on the screen. No need to sweep left or right.
- **Jewelry Mode (JEWELRY):** Specifically designed for detecting jewelry and precious metals. This mode filters out common trash metals.
- **Memory Mode (MEMORY):** Remembers the last detected metal type. Useful for continuing a search for a specific target after a break.
- **Pinpoint Mode (PP):** Used for precise location of a detected target. The detector will beep continuously and the signal strength will increase as you get closer to the target.

Video: This video provides a detailed guide on how to use the different detection modes and settings of the OMMO MD-7011 Metal Detector.

CHARGING THE BATTERY

The OMMO MD-7011 is equipped with a long-lasting 1800mAh rechargeable lithium battery. To charge the device:



Figure 3: Rechargeable Battery and Charging.

1. Locate the USB-C charging port on the control box.
2. Connect the provided USB-C cable to the port.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., power bank, car charger, wall adapter).
4. A full charge takes approximately 4-5 hours and provides over 15 hours of continuous use.
5. The battery level is displayed on the LCD screen.

WATERPROOF FEATURES

The 10-inch search coil is IP68 waterproof, allowing for effective underwater metal detection in shallow water, beaches, and rivers.

10"

Waterproof Search Coil

**NOTE: THE CONTROL BOX IS NOT
WATERPROOF**

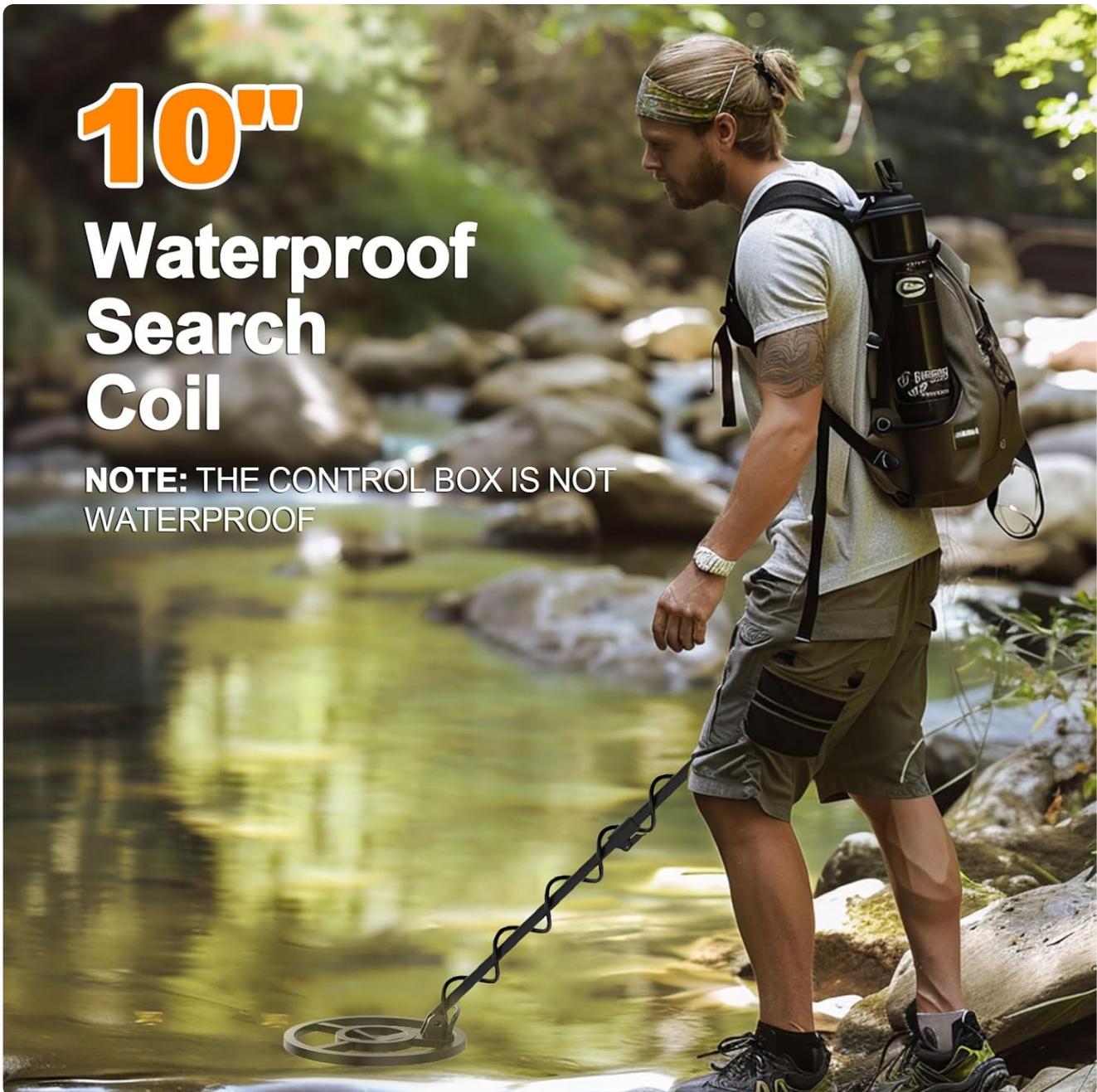


Figure 4: The 10-inch IP68 waterproof search coil is suitable for shallow water.

IMPORTANT: The control box is NOT waterproof. Do not submerge the control box in water.

ADJUSTABLE DESIGN

The metal detector features an adjustable stem that extends from 27.5 inches to 49 inches (70cm-125cm), making it suitable for users of various heights, from children to adults. The ergonomic armrest reduces fatigue during prolonged use.

Suitable for Teens & Adults

70cm-125cm/27.5"-49" telescopic stem can be freely adjusted



Figure 5: Adjustable stem for users of all ages.

TROUBLESHOOTING

If you encounter issues with your OMMO MD-7011 Metal Detector, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Detector does not turn on.	Battery is dead.	Charge the battery fully using the USB-C cable.
Detector does not work.	Search coil cable not connected properly.	Re-plug the search coil cable properly and tighten the nut.
Detector sounds false signals (continuous beeping).	Sensitivity setting too high.	Reduce the sensitivity setting.

Problem	Possible Cause	Solution
Detector sounds false signals (continuous beeping).	Environmental electromagnetic interference (transformers, cables, signal base stations, etc.).	Change the detection environment, turn off the switch and restart.
Detector sounds false signals (continuous beeping).	Sweeping the detector's search coil too fast or at a wrong angle.	Sweep the search coil more slowly and hold the detector correctly, parallel to the ground.
Detector sounds false signals (continuous beeping).	Using 2 detectors in close proximity.	Keep two detectors at least 6 meters apart.
Detector sounds false signals (continuous beeping).	There may be over one kind of metal targets.	Reduce the sensitivity to eliminate the detection of the deeper target.

Video: This video provides a detailed guide on how to use the different detection modes and settings of the OMMO MD-7011 Metal Detector, including troubleshooting tips.

SPECIFICATIONS

Feature	Detail
Brand	OMMO
Model Number	MD-7011
Color	Orange
Power Source	USB Charge
Battery	1800mAh Lithium Ion (included)
Battery Life	15+ Hours
Search Coil Size	10 Inches
Waterproof Rating	IP68 (Search Coil only)
Adjustable Stem Length	27.5" - 49" (70cm - 125cm)
Detection Depth (Coin)	Up to 8"
Detection Depth (Large Objects)	Up to 12"
Display Type	Large Backlit LCD
Item Weight	3.41 lbs
Material	Acrylonitrile Butadiene Styrene

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your OMMO MD-7011 Metal Detector, please refer to the contact information provided in the product packaging or visit the official OMMO website.