OMMO OM150

OMMO OM150 Rechargeable Metal Detector Instruction Manual

MODEL: OM150 | BRAND: OMMO

1. Introduction

The OMMO OM150 Metal Detector is designed for efficient and accurate detection of various metal objects. This manual provides essential information for assembly, operation, maintenance, and troubleshooting to ensure optimal performance and a rewarding treasure hunting experience.

Image: The OMMO Metal Detector being used in diverse outdoor settings, including lawns, riverbanks, rainforests, and sandy beaches, highlighting its versatility for detecting hidden treasures.

10"IP68
Waterproof Search Coil

Image: Hands displaying various metal objects found with the detector, including intricate jewelry, gold nuggets, and old coins, emphasizing the potential for discovering hidden treasures.

2. Package Contents

The OMMO OM150 Metal Detector package includes the following items:

- 1x OMMO Metal Detector
- 1x Headphone
- 1x USB Cable
- 1x Shovel
- 1x Carrying Bag

3. Product Overview / Components

The OMMO OM150 Metal Detector features a user-friendly design with several key components for effective operation.

Comprehensive Function

Search Coil

Lower Stem

Upper Stem

Buckle

Control Box

Handle Grip

Armrest Stem

Arm Support

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

Image: A detailed diagram illustrating the various components of the OMMO Metal Detector, such as the search coil, lower stem, upper stem, buckle, control box, handle grip, armrest stem, and arm support. Note: The cable should be wound up to avoid signal interference.

Ergonomic&Lightweight&Retractable Design

Open the Buckles to Adjust

Comfortable to Use

Image: A close-up view of the metal detector's ergonomic handle and the adjustable buckle mechanism, demonstrating its lightweight and retractable design for comfortable use.

4. Setup & Assembly

Follow these steps to assemble your OMMO OM150 Metal Detector:

- The unique retractable design allows easy adjustment of the stem and handle length using the buckle. The adjustable stem ranges from 70cm-125cm (27.5"-49") to suit different user heights.
- The armrest is designed to provide comfort and reduce stress during extended use.

Your browser does not support the video tag.

Video: This video demonstrates the step-by-step installation process of the OMMO OM150 Rechargeable Metal Detector, showing how to connect the various components.

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Video: A user demonstrates the easy setup and user-friendly nature of the OMMO Metal Detector, highlighting its quick assembly and straightforward operation.

Image: The OMMO Metal Detector shown adjusted for both an adult (70cm/27.5") and a teen (125cm/49"), illustrating its suitability for various heights in a forest environment.

5. Operating Instructions

The OM150 Metal Detector offers 6 detection modes and a large LCD display for intuitive operation.

4.3In Large LCD Screen

GOLD RANGE   SILVER RANGE

TARGET ID

TARGET DIGITAL ID

MODE

VOLUME

SENSITIVITY

DEPTH

BATTERY LEVEL

A-M
DISC
NOTCH
MEMORY
JEWELRY

SENS DEPTH

POWER   MODE   BRI/VOL   SENS

PP

Pinpoint the target

POWER

Long Press 3S To Turn On/OFF

"+/-" Button

SENS

Sensitivity Adjustment

MODE

5MODES-ALL/DISC/NOTCH/MEMORY/JEWELRY

BRI/VOL

BACKLIGHT/VOLUME

Image: A detailed diagram of the metal detector's 4.3-inch large back-lit LCD display, showing indicators for target ID, depth, sensitivity, volume, battery level, and control buttons for power, mode, brightness/volume, and sensitivity adjustment.

6 Operation Modes

A-M
Detect all types of metal

DISC
Eliminate the unwanted metal

NOTCH
Freedom to eliminate unwanted metal

MEMORY
Detect the only memorized metal

JEWERLY
Detecting jewelry and precious metals

PP
Locate the target

Image: A visual guide to the 6 operation modes of the metal detector: All Metal (detects all types), DISC (eliminates unwanted metal), NOTCH (eliminates unwanted metal by selection), MEMORY (detects memorized metal), JEWELRY (detects jewelry and precious metals), and PP (locates the target).

- **All Metal Mode:** Detects all types of metal including steel, zinc, aluminum, gold, copper, and silver.
- **DISC Mode:** Allows you to reject unwanted items by eliminating them from left to right on the screen.
- **NOTCH Mode:** Enables elimination of unwanted metal by selecting the target directly on the screen.
- **MEMORY Mode:** Remembers the last set mode for convenience.
- **JEWELRY Mode:** Specifically designed to detect jewelry and precious metals.
- **PP Mode (Pinpoint):** Locates the target by pressing and holding the PP button, indicated by continuous beeping as it gets closer to the target.

The 4.3-inch large back-lit LCD display shows metal type, detecting depth, discrimination, operating mode, sensitivity level, volume, and battery level, ensuring clear visibility even in dim conditions.

Image: An illustration demonstrating the detection depth of the metal detector, showing small coins detectable up to 8 inches underground, with larger objects at even greater depths. Detection depth changes with the size of the search target.

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Video: This video provides a comprehensive guide on how to use the metal detector, covering initial setup, sensitivity adjustment, and the various detection modes like DISC and NOTCH.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your metal detector.

- The detector is equipped with an 1800mAh high-capacity rechargeable lithium battery, offering over 12 hours of use on a full charge. It features a universal Type-C USB charge port and can be charged via power bank or car charger. The battery is replaceable.
- The 10-inch IP68 waterproof search coil allows for underwater detection. However, the control box is NOT waterproof and must be protected from water.

Image: A diagram illustrating the 1800mAh rechargeable lithium battery, showing its capacity, 4-5 hour fast charging time, 12 hours of usage, Type-C 5V-2A charging port, and the fact that the battery can be replaced.

Image: A man using the metal detector with its 10-inch IP68 waterproof search coil submerged in a river, demonstrating its capability for underwater treasure hunting. A note explicitly states that the control box is NOT waterproof.

7. Troubleshooting

If you encounter inconsistent, false, or inaccurate readings, consider the following:

Your browser does not support the video tag.

Video: This video addresses common issues such as inconsistent, false, or inaccurate readings, providing solutions and tips for optimizing detector performance in various environments.

Image: A diagram showing correct metal detector usage, emphasizing detecting parallel to the ground and avoiding magnetic interference, with visual cues for proper sweeping techniques.

- **Environmental Interference:** Keep away from other electronic devices, adjust sensitivity in mineralized areas, and adjust sensitivity and search mode in saltwater/alkaline ground.
- **Physical Interference:** Move the detector and use DISC mode for target overlap, scan the search coil at different angles for oxidized metal, and keep away from obstacles like branches or rocks.
- **Detector Settings:** Ensure the battery is fully charged. A low battery can lead to biased identification and judgment.

8. Specifications

Feature	Specification
Brand	OMMO
Model Number	OM150
Color	Blue
Battery	1800mAh Lithium Ion (included)
Material	Acrylonitrile Butadiene Styrene
Power Source	DC
Item Weight	760 Grams (1.68 pounds)
Product Dimensions	15"L x 10"W x 3"H
Adjustable Length	Yes (70cm-125cm / 27.5"-49")
Search Coil Size	10 Inches
Waterproof Search Coil	IP68 (Control box is NOT waterproof)

9. Warranty & Support

For warranty information, technical support, or any inquiries regarding your OMMO OM150 Metal Detector, please refer to the contact details provided in your product packaging or visit the official OMMO website. Our customer service team is dedicated to assisting you.