

LASELION MD01

LASELION Metal Detector Pinpointer MD01 User Manual

Model: MD01

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your LASELION Metal Detector Pinpointer MD01. Please read this manual thoroughly before operating the device and retain it for future reference.

The LASELION MD01 is a handheld metal detector designed for precise pinpointing of metallic objects. It features 360° detection, IP68 waterproofing, and simple one-button operation with smart alerts.

2. SAFETY INFORMATION

- Always exercise caution when digging to avoid injury or damage to property.
- Do not use the device near live electrical wires or hazardous materials.
- Ensure the battery compartment is securely sealed before using the device in wet conditions.
- Keep the device out of reach of small children.
- Dispose of batteries responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LASELION Metal Detector Pinpointer MD01 (1 unit)
- Retractable Hanging Wire (1 unit)
- Belt Loop Holster (1 unit)
- User Manual (1 unit)
- 9V Battery (1 unit)



Image: Contents of the LASELION MD01 package, including the pinpointer, retractable lanyard, belt holster, user manual, and 9V battery.

4. PRODUCT OVERVIEW

The LASELION MD01 pinpointer is designed for ease of use and effective metal detection. Familiarize yourself with its components:

EASY OPERATE METAL DETECTOR



Image: Diagram showing the LASELION MD01 pinpointer with labels for its detection stick, flashlight, LED lights, power button, handle, measuring distance display, and battery cover. Dimensions are also indicated.

- **Detection Stick:** The primary sensing area for metal objects.
- **Flashlight:** Provides illumination for low-light conditions.
- **LED Lights:** Indicate detection strength and battery status.
- **Power Button:** Controls power and mode selection.
- **Handle:** Ergonomic grip for comfortable use.
- **Measuring Distance Display:** Markings on the probe for approximate depth measurement.
- **Battery Cover:** Located at the end of the handle for battery access.

5. SETUP

5.1 Battery Installation

1. Unscrew the battery cover located at the end of the pinpointer handle.
2. Insert the provided 9V alkaline battery, ensuring correct polarity (+ and - terminals match the markings inside the compartment).
3. Securely screw the battery cover back on. Ensure a tight seal, especially if planning to use the device in wet environments.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- To turn on: Press the power button once. The device will emit a short beep and the LED lights will illuminate briefly for calibration. Keep the device away from metal during calibration.
- To turn off: Press and hold the power button for approximately 2 seconds until the device powers down.

6.2 Detection and Alerts

The MD01 features 360° side-scan detection. When the detection stick approaches a metallic object, the device will provide alerts:

- **Sound:** An audible beep will increase in frequency as you get closer to the target.
- **Vibration:** The device will vibrate, with the intensity increasing as you approach the target.
- **LED Light:** The LED lights will illuminate, with more lights indicating a stronger signal and closer proximity to the target.



Image: The LASELION MD01 pinpointer illustrating its three alarm modes: buzzer sound, vibration, and a combination of sound and vibration. The alerts intensify as the pinpointer gets closer to the metal object, allowing for precise localization.

6.3 Flashlight Operation

- When the device is powered on, the flashlight will automatically activate.
- To turn the flashlight off or on while the device is operating, briefly press the power button.

6.4 Detection Range

The detection range varies depending on the size and type of metal object. The pinpointer is designed for close-range detection to pinpoint targets found by a larger metal detector.



Image: A chart illustrating the approximate detection range of the LASELION MD01 for different metal types, including stainless steel, coins, and gold jewelry.

7. WATERPROOF FUNCTIONALITY

The LASELION MD01 is rated IP68 waterproof, meaning it is fully protected from dust and can withstand immersion in water up to 40 feet (approximately 12 meters). This allows for use in various environments, including:

- Shallow water
- Beaches
- Rivers and streams
- Rainy conditions

Important:

- Always ensure the battery cover is tightly sealed before exposing the device to water.
- Rinse the device with fresh water after use in saltwater to prevent corrosion.



Image: A person using the LASELION MD01 pinpointer while scuba diving underwater, demonstrating its IP68 waterproof capability.

8. APPLICATIONS

The LASELION MD01 pinpointer is suitable for a wide range of metal detecting activities:

- **Treasure Hunting:** Locating coins, gold, silver, relics, and jewelry.
- **Lost Item Recovery:** Finding missing metal objects in various terrains.
- **Construction/Renovation:** Identifying metal pipes or wiring in walls (with caution).
- **Outdoor Exploration:** Use in gardens, sand, grass, soil, and even extreme temperatures (-35°F to 158°F).

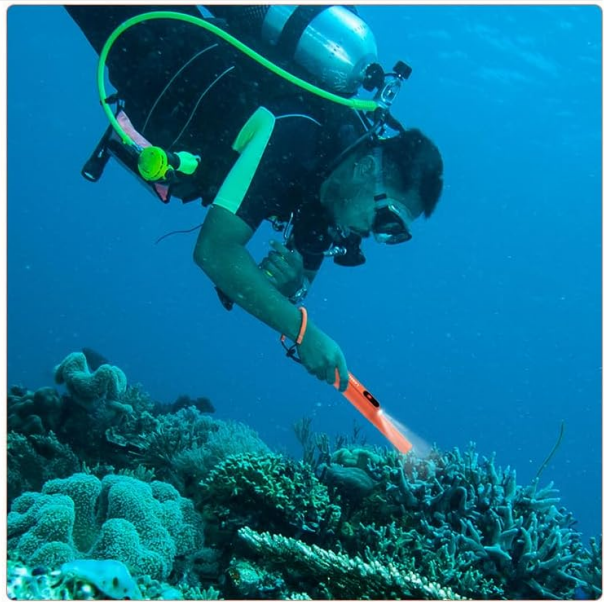


Image: A collage of images depicting the LASELION MD01 pinpointer being used in diverse environments such as a beach, snowy landscape, garden, and underwater.



9. MAINTENANCE

- Clean the device with a damp cloth after each use. Avoid abrasive cleaners.
- If used in saltwater, rinse thoroughly with fresh water and dry completely.
- Remove the battery if the device will not be used for an extended period to prevent leakage.
- Store the device in a cool, dry place.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low or dead battery; incorrect battery installation.	Replace the 9V battery or ensure it is installed with correct polarity.
No detection or weak signal.	Battery low; object too deep or too small; interference.	Replace battery; ensure the pinpointer is close to the target; move away from other electronic devices.
Constant false alarms.	Environmental interference; device too close to metal during startup.	Restart the device away from any metal objects; move to a different location.

11. SPECIFICATIONS

Feature	Detail
Brand	LASELION
Model Number	MD01
Color	Orange
Material	Plastic
Power Source	9V Battery (included)
Item Weight	160 Grams (5.6 ounces)
Product Dimensions	9.4"L x 0.78"W x 1.1"H (23.5cm L x 2cm W x 2.8cm H approx.)
International Protection Rating	IP68 (Submersible up to 40ft / 12m)
Detection Type	360° Side-scan
Operating Temperature Range	-35°F (-37°C) to 158°F (70°C)

12. WARRANTY AND SUPPORT

LASELION products are manufactured to high-quality standards. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official LASELION

website. Keep your proof of purchase for warranty claims.