LOLARAN GT1000

LOLARAN GT1000 Professional Metal Detector Instruction Manual

Model: GT1000

Brand: LOLARAN

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your LOLARAN GT1000 Professional Metal Detector. Please read this manual thoroughly before operating the device to ensure proper assembly, optimal performance, and to prevent damage.

Rechargeable & Eco-Friendly

Powerful 2000mAh Rechargeable Battery ①

Up to 12H Runtime ②
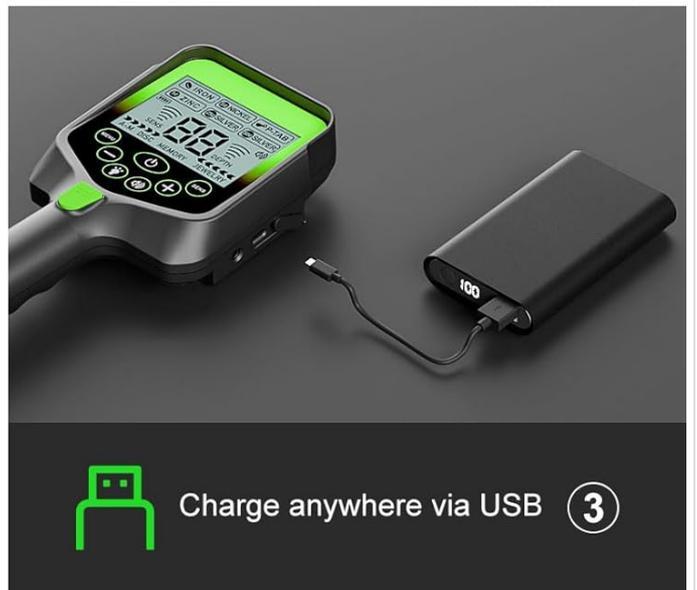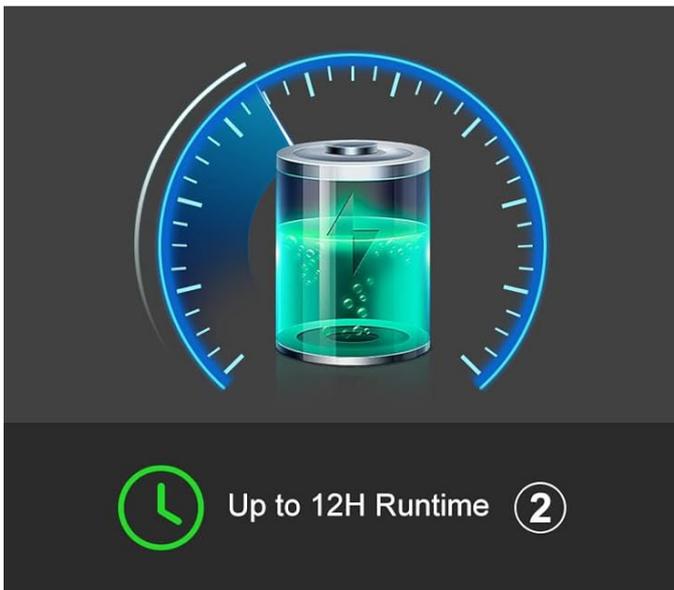
Charge anywhere via USB ③

Image: The LOLARAN GT1000 Professional Metal Detector displayed with its accompanying accessories, such as headphones, a foldable shovel, and a carrying backpack.

The LOLARAN GT1000 is designed for detecting various metals, featuring a foldable design, waterproof search coil, and a rechargeable lithium battery for extended use.

2. SAFETY INFORMATION

- Always obtain permission before searching on private property.
- Avoid searching in areas with buried utility lines, pipes, or electrical cables. Contact local authorities if unsure.
- Do not use the metal detector indoors, as household metals can cause false readings and interfere with operation.
- Exercise caution when digging to avoid injury or damage to property.
- Keep the device away from extreme temperatures and direct sunlight.
- The control unit and LCD display are not waterproof. Protect them from moisture. Only the search coil is waterproof.
- Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LOLARAN GT1000 Metal Detector (main unit with search coil)
- Rechargeable Lithium Battery (pre-installed)
- Backpack
- Headphones
- Foldable Shovel
- Pinpointer
- USB Charging Cable
- User Manual (this document)

4. SETUP

4.1. Assembly

The LOLARAN GT1000 features a foldable design for easy transport and storage. Follow these steps to assemble the detector for use:

1. **Extend the Shaft:** Press the release button or latch to extend the telescopic shaft to your desired length. The adjustable length ranges from 26 to 49 inches (66 to 124 cm).
2. **Secure the Latch:** Ensure the latch is securely fastened to lock the shaft in place.
3. **Adjust Search Coil Angle:** Loosen the knob on the search coil, adjust the coil to be parallel with the ground, and then tighten the knob to secure it.
4. **Attach Handle (if separate):** If the handle is separate, align it with the main unit and secure it with the provided screw or locking mechanism.

Image: Assembly steps for the LOLARAN GT1000 metal detector, illustrating the extension of the shaft, securing the latch, and adjusting the search coil for operation.

4.2. Battery Charging

The metal detector is powered by a built-in 2000mAh rechargeable lithium battery. Ensure the battery is fully charged before first use.

- Locate the USB charging port on the control unit.
- Connect the provided USB charging cable to the detector and to a standard USB power source (e.g., wall adapter, power bank, computer USB port).
- The LCD display will indicate charging status. A full charge typically provides over 20 hours of continuous use.
- Disconnect the charger once the battery is fully charged.

Image: Illustration of the metal detector's rechargeable battery, showing its capacity, runtime, and USB charging capability.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Press and hold the power button located on the control unit to turn the detector on or off. The blue-backlit LCD screen will

illuminate upon activation.

5.2. LCD Display and Controls

The large 3" x 2" LCD screen provides clear visibility of settings and detection information. Use the control buttons adjacent to the screen to navigate menus and adjust settings.

5.3. Operating Modes

The LOLARAN GT1000 offers six detection modes to suit various searching conditions and target preferences:

- **ALL-METAL MODE:** Detects all types of metal without discrimination. Ideal for general searching.
- **DISC MODE (Discrimination):** Allows you to set specific discrimination values to ignore unwanted metals (e.g., iron trash) and focus on desired targets.
- **PINPOINT MODE:** Used to precisely locate the exact position of a detected target in a small area, aiding in recovery.
- **MEMORY MODE:** Stores specific metal types you wish to detect and will only respond to those programmed metals.
- **JEWELRY MODE:** Optimized for finding jewelry, typically by excluding iron targets.
- **GOLD & SILVER MODE:** Specifically configured to detect gold and silver, often by focusing on specific conductivity ranges.

Image: Overview of the six distinct operating modes available on the LOLARAN GT1000, detailing their functions for targeted metal detection.

5.4. Sensitivity Adjustment

The detector features 8 adjustable sensitivity levels. Higher sensitivity increases detection depth but may also increase susceptibility to electromagnetic interference. Adjust sensitivity based on environmental conditions and desired detection depth.

Typical detection depth ranges from 4 to 10 inches, varying with target size, composition, and ground mineralization.

5.5. Waterproof Search Coil

The 10-inch search coil is waterproof (IP57 rated), allowing for effective detection in shallow water, wet grass, or sandy beaches. **Note: The control unit and LCD display are NOT waterproof and must be kept dry.**

Image: Depiction of the metal detector's waterproof search coil being used in a shallow water environment, highlighting its capability for detecting submerged objects.

6. Maintenance

- **Cleaning:** Wipe the search coil and shaft with a damp cloth after each use, especially after use in wet or sandy conditions. Ensure the control unit remains dry.
- **Storage:** Fold the metal detector for compact storage in the provided backpack. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to approximately 50% every few months to maintain battery health.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Detector does not power on.	Battery is depleted.	Charge the battery using the provided USB cable.
No detection or weak signals.	Sensitivity too low; high ground mineralization; target too deep.	Increase sensitivity; try different operating modes; sweep slower. Note that deeper targets may be inconsistent.
False signals or erratic behavior.	High sensitivity; electromagnetic interference (EMI) from power lines, other electronics; highly mineralized soil.	Reduce sensitivity; move away from sources of EMI; perform ground balance if available (not explicitly mentioned, but general advice); switch to DISC mode.
Difficulty understanding settings.	Learning curve with advanced features.	Refer to this manual for detailed explanations of each mode and setting. Practice in a controlled environment.

8. SPECIFICATIONS

Model Number	GT1000
Brand	LOLARAN
Power Source	Rechargeable Lithium Battery
Battery Capacity	2000mAh
Battery Life	Up to 20 hours (continuous use)
Operating Frequency	7 KHz
Adjustable Length	26 to 49 inches (66 to 124 cm)
Item Weight	2.98 lbs (1.35 kg)
Search Coil	10-inch, Waterproof (IP57 rated)
Display	3" x 2" Blue Backlight LCD
Material	Metal (main components)
Color	Green

9. WARRANTY AND SUPPORT

The LOLARAN GT1000 Metal Detector comes with a **2-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact LOLARAN customer service through the retailer where the product was purchased or refer to the contact information provided on the product packaging or official LOLARAN website.