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TECLUNG GT

TECLUNG Metal Detector GT Series User Manual

Model: GT

1. INTRODUCTION

Thank you for choosing the TECLUNG Metal Detector. This device is designed for both beginners and experienced enthusiasts, offering high accuracy and versatile detection capabilities. With its advanced DSP chip, IP68 waterproof search coil, and multiple operating modes, you can effectively search for various metals in diverse environments.

Please read this manual thoroughly before operating the metal detector to ensure proper use and to maximize your treasure hunting experience.

2. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 x TECLUNG Metal Detector (Control Unit, Adjustable Stem, Search Coil)
- 1 x Folding Shovel
- 1 x Headphones
- 2 x 9V Batteries
- 1 x User Manual (this document)
- 1 x Carrying Backpack

5 Detection Modes

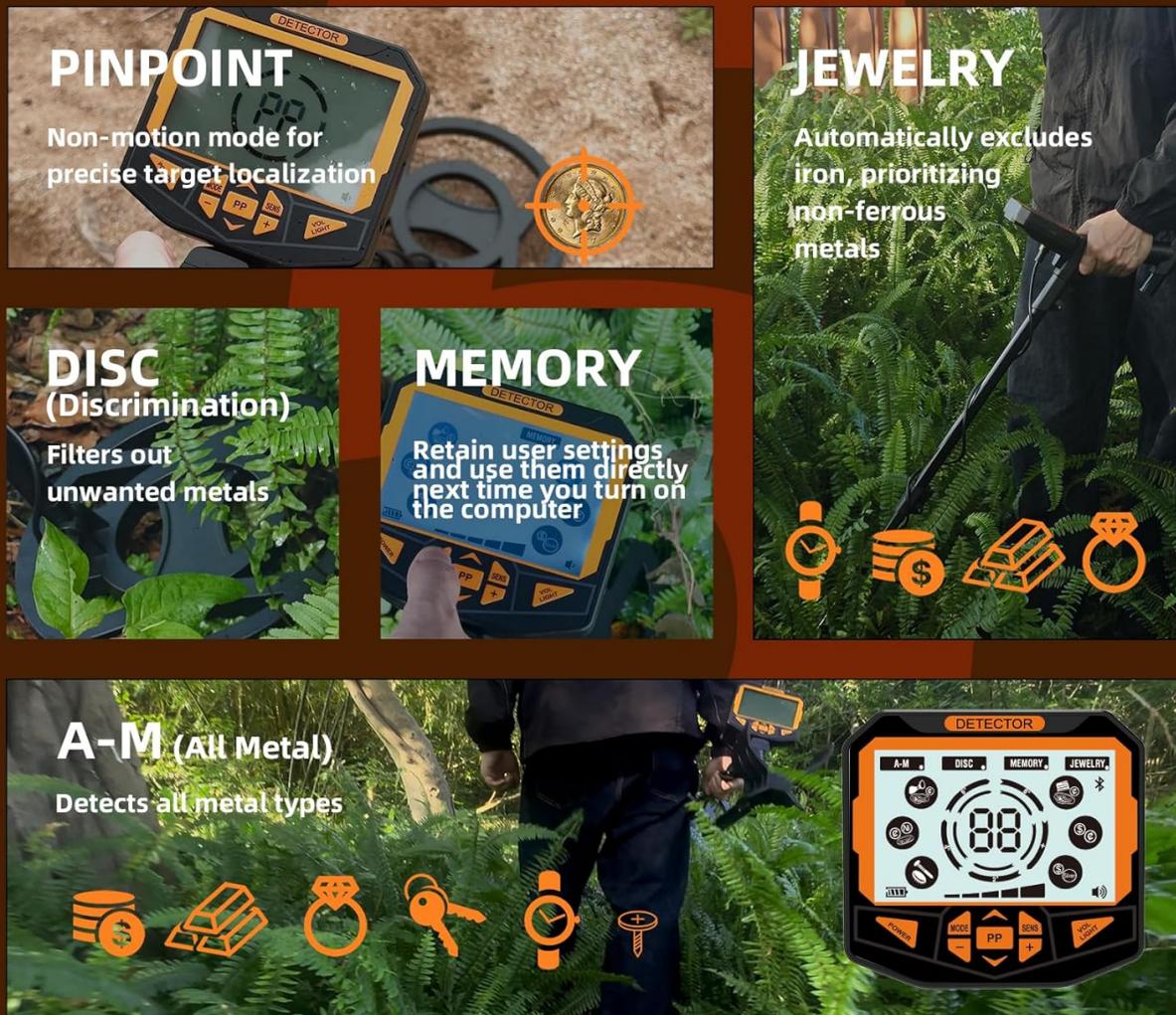


Figure 2.1: Complete Metal Detector Kit Contents. The image displays the metal detector's main components, including the control unit, search coil, adjustable shafts, along with accessories like a folding shovel, headphones, and a carrying bag.

3. SETUP

Follow these steps to assemble your TECLUNG Metal Detector:

1. **Attach the Search Coil:** Connect the search coil to the lower stem using the provided bolt and nut. Ensure it is securely fastened but allows for slight angle adjustment.

Video 3.1: Metal Detector Assembly Guide. This video demonstrates the step-by-step process of assembling the metal detector, from unboxing to connecting the search coil and shafts.

2. **Connect the Shafts:** Insert the middle shaft into the lower shaft, and then the upper shaft (with the control unit) into the middle shaft. Secure each connection using the snap fasteners.
3. **Install the Armrest:** Slide the armrest onto the upper shaft and secure it with the provided screw. Adjust its position for comfortable use.
4. **Route the Cable:** Wrap the search coil cable neatly around the stem, ensuring it is not too tight or loose, and secure it with the provided clips. Plug the cable connector into the control unit's port.

5. **Insert Batteries:** Open the battery compartment on the control unit. Insert the two 9V batteries, ensuring correct polarity. Close the compartment securely.

Video 3.2: Battery Installation. This segment of the assembly video specifically shows how to correctly insert the 9V batteries into the control unit's compartment.

6. **Adjust Length:** Adjust the overall length of the detector using the telescopic rod to a comfortable height for your use. The adjustable length (28.8"–49") accommodates various user heights.



Figure 3.1: Adjustable Ergonomic Design. This image highlights the adjustable aluminum alloy telescopic rod, allowing for comfortable use by individuals of different heights.

4. OPERATING INSTRUCTIONS

Your TECLUNG Metal Detector features an intuitive LCD display and multiple modes for efficient treasure hunting.



Figure 4.1: Control Panel Overview. This image shows the backlit LCD display and control buttons for power, mode selection, sensitivity, volume, and pinpoint function.

4.1 Power On/Off

Press the **POWER** button to turn the detector on or off. The LCD screen will illuminate.

4.2 Mode Selection

Press the **MODE** button to cycle through the 5 available detection modes:

- **All Metal (A-M):** Detects all types of metal.
- **Disc (Discrimination):** Filters out unwanted metals (e.g., iron) based on your settings.
- **Memory:** Retains user settings for future use.
- **Jewelry:** Prioritizes non-ferrous metals, automatically excluding iron.
- **Pinpoint (PP):** Non-motion mode for precise target localization.

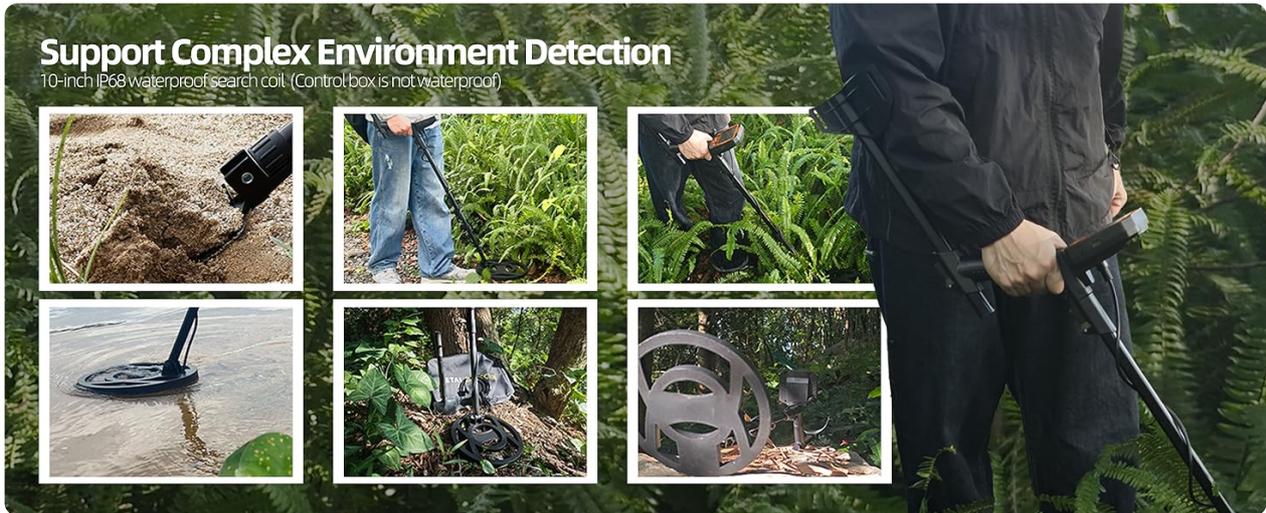


Figure 4.2: Five Detection Modes. This visual guide explains each mode's function, from precise localization to filtering unwanted metals.

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Video 4.1: Metal Detector Mode Demonstration. This video showcases the different detection modes and how the detector responds to various metal types like iron, silver, and copper.

4.3 Sensitivity Adjustment

Use the **SENS +** and **SENS -** buttons to adjust the detector's sensitivity. Higher sensitivity increases detection depth but may also increase false signals. There are 5 levels of sensitivity.

4.4 Volume and Backlight

Press the **VOL/LIGHT** button to adjust the volume. Press and hold the **VOL/LIGHT** button for 3 seconds to turn the LCD backlight on or off, useful for low-light conditions.

4.5 Target Identification and Depth

The large LCD display provides numeric IDs (01-99) to help identify the type of metal detected and an 8-grade depth indicator. This allows for more precise targeting and reduces unnecessary digging.

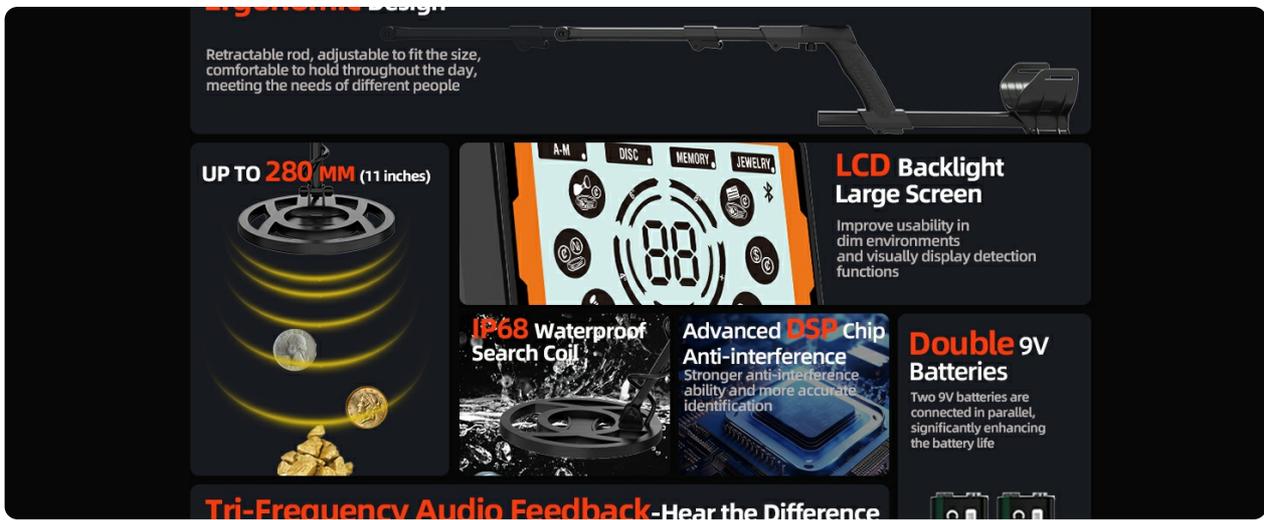


Figure 4.3: Depth Detection Capability. This image illustrates the detector's ability to detect objects up to 11 inches deep, with visual cues for different metal types.

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Video 4.2: GT972I Metal Detector User Manual. This video provides a detailed walkthrough of the control panel, explaining how to use various settings and modes for effective detection.

5. MAINTENANCE

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

- **Cleaning:** After each use, wipe down the search coil and stem with a damp cloth to remove dirt, sand, or salt residue. Ensure the control unit remains dry, as it is not waterproof.
- **Storage:** Store the detector in a cool, dry place. If storing for extended periods, remove the batteries to prevent leakage.
- **Cable Care:** Avoid sharp bends or kinks in the search coil cable. Ensure it is securely wrapped around the stem to prevent damage during use.
- **Waterproof Coil:** The 10-inch search coil is IP68 waterproof, making it suitable for use in shallow water. However, the control box is NOT waterproof and must be kept dry.



Figure 5.1: IP68 Waterproof Search Coil. This image demonstrates the waterproof capability of the 10-inch search coil, suitable for beaches, rivers, and other wet environments, while emphasizing the control box is not waterproof.

6. TROUBLESHOOTING

If you encounter issues with your metal detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Dead or incorrectly installed batteries.	Replace batteries with fresh ones, ensuring correct polarity.
No Detection/Weak Signal	Low sensitivity setting, deep target, or interference.	Increase sensitivity. Ensure search coil is parallel to the ground. Move away from sources of electromagnetic interference.
False Signals/Chattering	High sensitivity, mineralized ground, or electromagnetic interference.	Decrease sensitivity. Perform ground balance (if applicable to mode). Move away from power lines or other electronics.
Inaccurate Target ID	Target is too deep, too small, or surrounded by other metals.	Use Pinpoint mode for precise location. Sweep slowly over the target.

If the problem persists, please contact customer support for assistance.

7. SPECIFICATIONS

- **Brand:** TECLUNG
- **Model Number:** GT
- **Color:** Orange
- **Material:** ABS Plastic, Aluminum
- **Item Weight:** 2.2 Pounds
- **Item Dimensions (L x W x H):** 32"L x 8"W x 3"H
- **Power Source:** Battery Powered (2 x 9V batteries required)
- **Display Type:** LCD (Backlit)
- **Adjustable Length:** Yes (28.8"—49")
- **Search Coil:** 10-inch IP68 Waterproof
- **Detection Depth:** Up to 11 inches (maximum)
- **Detection Modes:** 5 (All Metal, Disc, Memory, Jewelry, Pinpoint)
- **Sensitivity Levels:** 5

8. WARRANTY AND SUPPORT

TECLUNG is committed to providing high-quality products and excellent customer service. If you have any questions, require troubleshooting assistance, or need parameter debugging, please do not hesitate to contact our professional customer support team. Messages will be responded to within 24 hours.

For further information or support, please visit the [TECLUNG Store on Amazon](#).

