

TECLUNG GT620G

TECLUNG GT620G Metal Detector User Manual

Model: GT620G

1. INTRODUCTION

Thank you for choosing the TECLUNG GT620G Metal Detector. This manual provides essential information for the proper assembly, operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use to ensure optimal performance and longevity of your metal detector.

2. SETUP AND ASSEMBLY

2.1 Package Contents

Before assembly, verify that all components are present:

- TECLUNG GT620G Metal Detector main unit (control box, stem, search coil)
- Headphones
- Shovel
- User Manual



Image 1: TECLUNG GT620G Metal Detector and included accessories.

2.2 Assembly Instructions

1. **Attach the Search Coil:** Connect the 8-inch search coil to the adjustable stem using the provided fixing knob and connector. Ensure it is securely fastened.
2. **Connect the Stem:** Insert the adjustable stem into the control box unit. Secure it with the lock nut.
3. **Adjust Arm Support and Hand Rest:** Position the arm support and hand rest for comfortable use.
4. **Route the Cable:** Wrap the search coil cable around the stem, ensuring it is not taut and allows for full adjustment of the coil. Plug the cable into the designated port on the control box.

GT620G Outdoor Metal Detector



Image 2: Labeled components of the GT620G Metal Detector, including the 8" waterproof search coil, adjustable stem, LCD display & control box, hand rest, arm support, fixing knob & connector, and lock nut.

2.3 Battery Installation

The TECLUNG GT620G requires two (2) 9V alkaline batteries (9V 6LR61) for operation. These are not included and must be purchased separately.

1. Locate the battery compartment on the control box.
2. Open the compartment cover.
3. Insert two 9V alkaline batteries, observing the correct polarity (+/-).
4. Close the battery compartment cover securely.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

Intuitive LCD Display

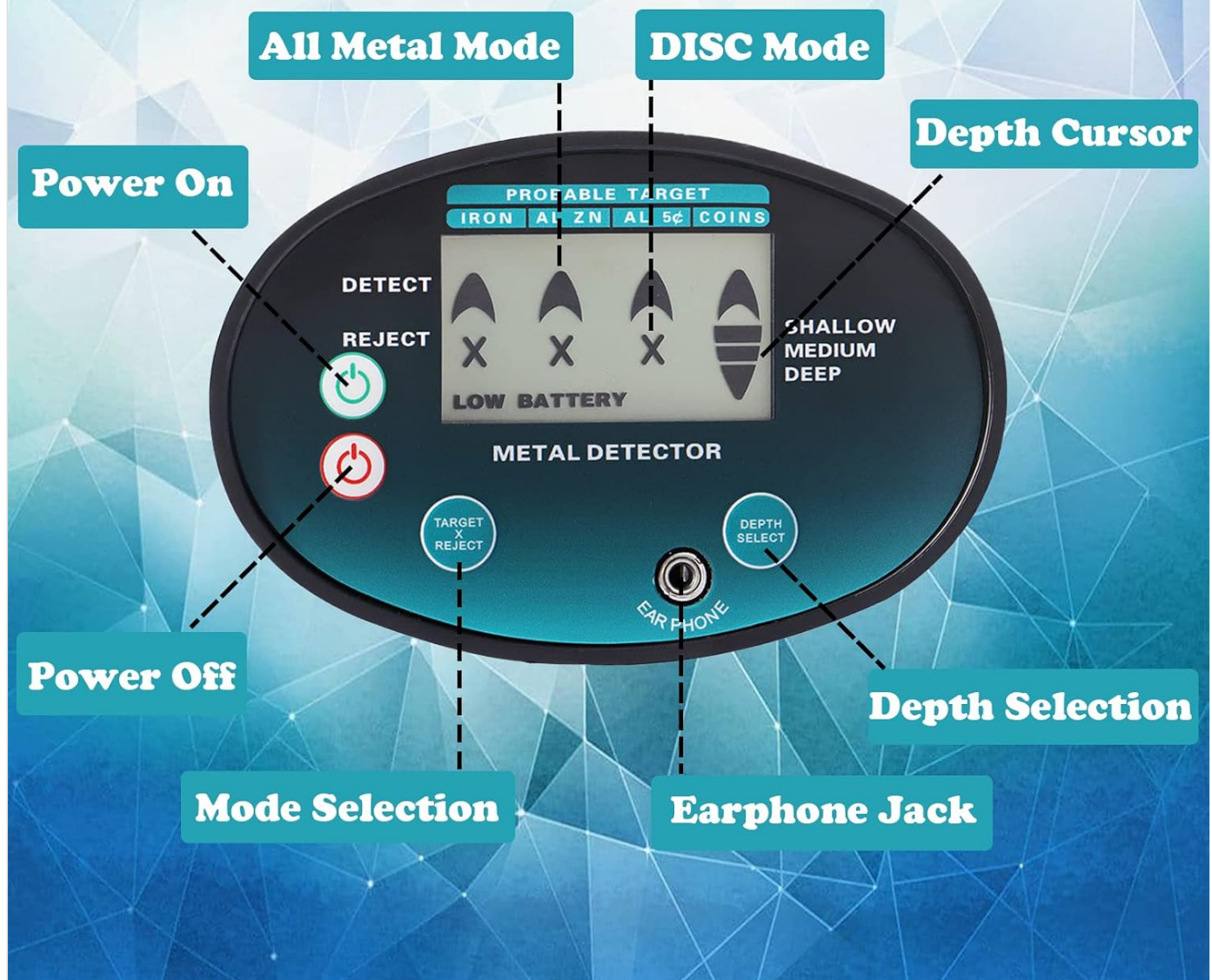


Image 3: Intuitive LCD Display showing Power On/Off, All Metal Mode, DISC Mode, Depth Cursor, Depth Selection, Earphone Jack, and Mode Selection buttons.

3.2 Power On/Off

Press the **Power On** button (green circle) to turn on the metal detector. Press the **Power Off** button (red circle) to turn it off.

3.3 Operating Modes

The GT620G offers two primary detection modes:

- **All Metal Mode:** This mode detects all types of metal. To activate, press the **DEPTH SELECT** button and adjust sensitivity to the desired depth shown on the right side of the screen.
- **DISC Mode (Discrimination Mode):** This mode allows you to discriminate against certain types of metal, such as iron.

Press “DEPTH SELECT” button, adjust the sensitivity to the depth shown on the right side of the screen.

All Metal Mode

DISC Mode

Press “Target X Reject” button for the first time, and iron can be discriminated and rejected.

Press “Target X Reject” button for the second times to reject copper coin.

DISC Mode



Image 4: Visual guide for activating All Metal Mode and DISC Mode. For All Metal Mode, adjust sensitivity via 'DEPTH SELECT'. For DISC Mode, use 'Target X Reject' to eliminate iron, and press again to reject copper coins.

3.4 Target Rejection (DISC Mode)

In DISC Mode, you can reject unwanted targets:

- Press the **Target X Reject** button once to discriminate and reject iron.
- Press the **Target X Reject** button a second time to reject copper coins.

2 OPERATION MODES



Image 5: Illustrates the difference between All Metal Mode (detects all metals) and DISC Mode (rejects specific metals like iron and screws).

3.5 Depth Selection

Use the **DEPTH SELECT** button to adjust the sensitivity, which corresponds to the detection depth (shallow, medium, deep) displayed on the screen.

3.6 Earphone Usage

Plug the included headphones into the **EAR PHONE** jack on the control box for private listening of detection signals, especially useful in noisy environments.

4. MAINTENANCE

4.1 Cleaning

- The 8-inch search coil is waterproof. After use, you can rinse it with fresh water to remove dirt and debris.
- The control box is **not** waterproof. Wipe it with a soft, damp cloth. Do not immerse the control box in water.
- Avoid using abrasive cleaners or solvents, as they may damage the detector's finish or electronic components.

4.2 Storage

- Store the metal detector in a cool, dry place when not in use.
- For prolonged storage, remove the batteries from the control box to prevent leakage and corrosion.

5. TROUBLESHOOTING

5.1 Detector Emits Constant Sound

If the metal detector produces a continuous or erratic sound, consider the following:

- **Test Outdoors:** Testing indoors is not recommended due to potential interference from household electronics and metal objects.
- **Adjust Sensitivity:** Reduce the sensitivity setting and increase the height between the search coil and the ground.
- **Avoid Mineralized Areas:** The detector may react to highly mineralized ground. It is not recommended for use in such areas without proper ground balancing techniques (if available for this model).
- **Check Connections:** Ensure the connecting line of the main controller (search coil cable) is plugged in tightly.
- **Battery Type:** Ensure you are using two 9V alkaline batteries. Avoid using 9V carbon batteries, as they may not provide sufficient power.

5.2 'LOW BATTERY' Indication

If the display shows 'LOW BATTERY', replace both 9V batteries with fresh alkaline batteries immediately to ensure proper operation.

6. SPECIFICATIONS

Feature	Specification
Brand	TECLUNG
Model	GT620G
Power Source	Battery Powered (2 x 9V batteries required)
Search Coil Size	8 inches
Search Coil Waterproof Rating	Waterproof
Control Box IP Rating	IP54
Operating Frequency	7 KHz
Adjustable Length	Yes
Product Dimensions (Control Box)	16.14"L x 8.27"W x 4.13"H
Item Weight	31.3 pounds

UPC	679872789414
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7. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your TECLUNG GT620G Metal Detector, please contact TECLUNG customer support through the retailer's platform or the official TECLUNG website. Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question