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EliteBloom GT800-1

EliteBloom GT800-1 Metal Detector

Instruction Manual

INTRODUCTION

Thank you for choosing the EliteBloom GT800-1 Metal Detector. This device is designed for detecting various metal objects underground, including gold, silver, coins, and relics. Please read this manual carefully before operating the detector to ensure proper use and optimal performance. Keep this manual for future reference.

SAFETY INFORMATION

- Always obtain permission before searching on private property.
- Avoid areas where underground utilities (cables, pipes) may be present. Contact local utility companies if unsure.
- Exercise caution when digging to prevent injury or damage to property.
- Do not operate the detector in thunderstorms or severe weather conditions.
- Keep the detector away from strong electromagnetic fields.
- Dispose of batteries responsibly according to local regulations.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Control Unit with LCD Display
- Waterproof Search Coil (11-inch DD)
- Adjustable Stem (Fibre and Aluminium Connecting Rods)
- Armrest with Soft Handle
- Fasteners and Washers for assembly
- Instruction Manual

PRODUCT OVERVIEW

The EliteBloom GT800-1 Metal Detector features an intuitive control unit and a robust design for effective metal detection.



Figure 1: Exploded view of the GT800-1 Metal Detector components.

Host Introduction

Описание продукта

Voice Recognition/Target DIS
Распознавание голоса/целевой DIS

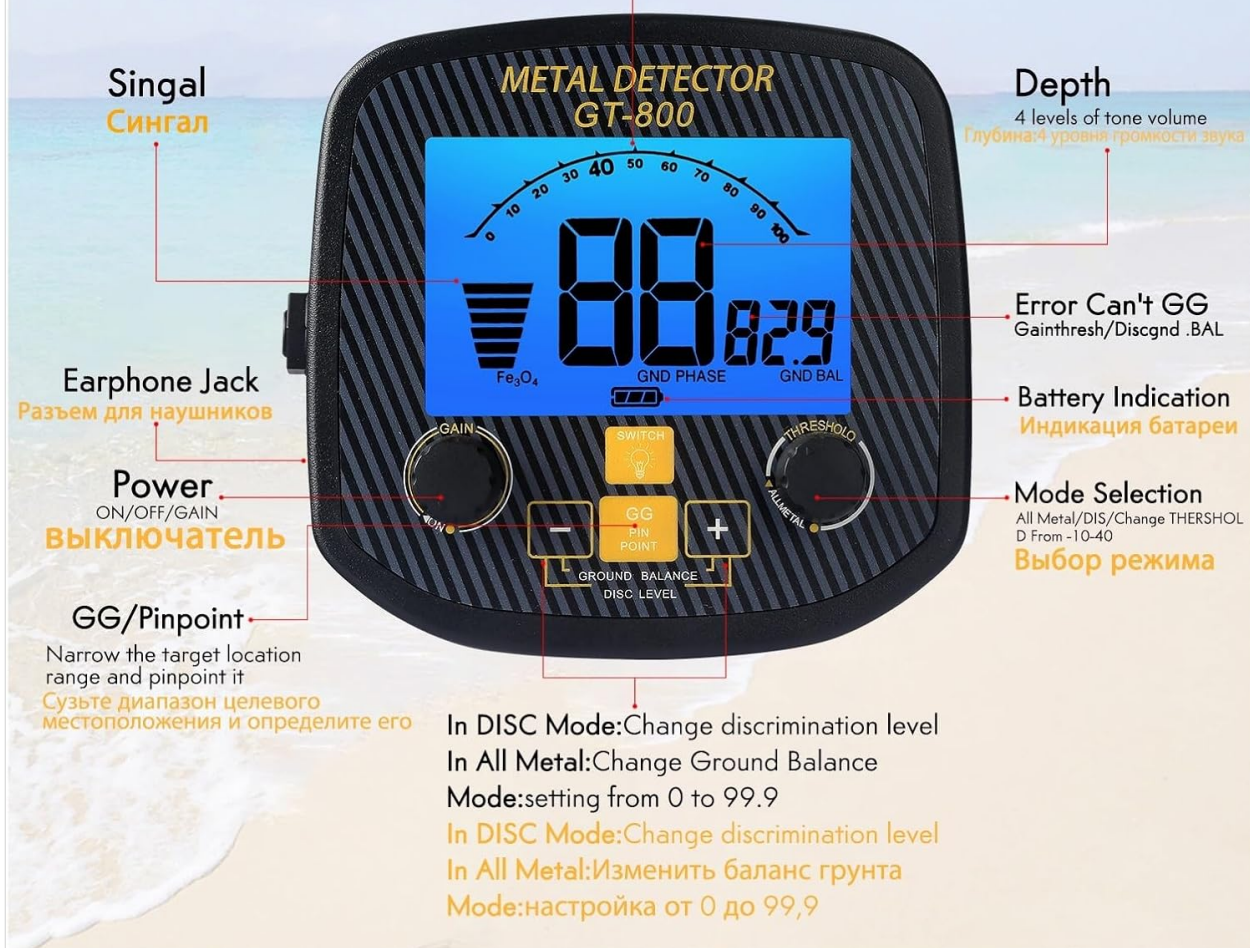


Figure 2: Detailed view of the control unit and its functions.

Control Unit Features:

- **LCD Display:** Provides clear visual feedback on target identification, depth, battery status, and mode settings. Features a backlight for use in various lighting conditions.
- **Gain Control:** Adjusts the detector's sensitivity to optimize performance in different ground conditions.
- **GG/Pinpoint Button:** Narrows down the target location for precise recovery.
- **Ground Balance Control:** Compensates for ground mineralization to reduce false signals. Range from 0 to 99.9.
- **Threshold Control:** Adjusts the background hum level.
- **Mode Selection:** Allows switching between Coin Treasure (Discrimination) and Prospecting (All Metal) modes.
- **Earphone Jack:** For connecting headphones (not included) for private listening and clearer target signals.

ASSEMBLY AND SETUP

1. **Attach the Search Coil:** Secure the waterproof search coil to the lower stem using the provided bolt and washers. Ensure it is firmly tightened but do not overtighten.
2. **Connect the Stems:** Insert the fibre connecting rod into the aluminium connecting rod, then connect the assembled stem to the control unit. Adjust the length of the stem to a comfortable operating height (42 to 52 inches).
3. **Install the Armrest:** Attach the armrest to the upper part of the stem, ensuring the soft handle is positioned for a comfortable grip.
4. **Insert Batteries:** Open the battery compartment on the control unit. Insert one 9V battery (not included), ensuring correct polarity. Close the compartment securely.
5. **Coil Cable Connection:** Carefully wrap the search coil cable around the stem and plug the connector into the corresponding port on the control unit. Ensure the connection is secure to prevent interference.

OPERATING INSTRUCTIONS

Powering On and Basic Operation:

1. **Power On:** Press the Power button on the control unit. The LCD display will illuminate.
2. **Volume Adjustment:** Adjust the volume to a comfortable level using the dedicated control.
3. **Headphones:** For optimal sound and privacy, plug headphones into the audio jack.

Detection Modes:

The GT800-1 offers two primary detection modes:

- **Coin Treasure Mode (Discrimination):** This mode is ideal for detecting common items like coins, jewelry, and relics while discriminating against unwanted metals (e.g., iron). Use the DISC level control to adjust the discrimination threshold.
- **Prospecting Mode (All Metal):** This mode detects all types of metal, offering maximum depth and sensitivity. It is particularly useful for finding gold nuggets and cultural relics. In this mode, adjust the Ground Balance for optimal performance.

Treasure Hunt

Easily detect various underground treasures



Figure 3: The GT800-1 is effective for detecting various underground metals.

Adjustments for Optimal Performance:

- **Gain:** Start with a moderate gain setting. Increase it for more depth, but reduce it if you experience excessive false signals.
- **Ground Balance:** In All Metal mode, perform a ground balance procedure to match the detector to the soil conditions. Refer to the on-screen instructions for specific steps.
- **Discrimination (DISC):** In Coin Treasure mode, adjust the discrimination level to filter out unwanted metals. Higher DISC settings will ignore more types of metal.
- **Threshold:** Set the threshold to a barely audible hum. This allows you to hear faint target signals more easily.

Pinpointing a Target:

Once a target is detected, press the GG/Pinpoint button. Move the search coil slowly over the target area. The detector will provide a more precise indication of the target's exact location, often with a visual indicator on the LCD and a distinct audio tone.

With Screen Backlight

Can be used both day and night

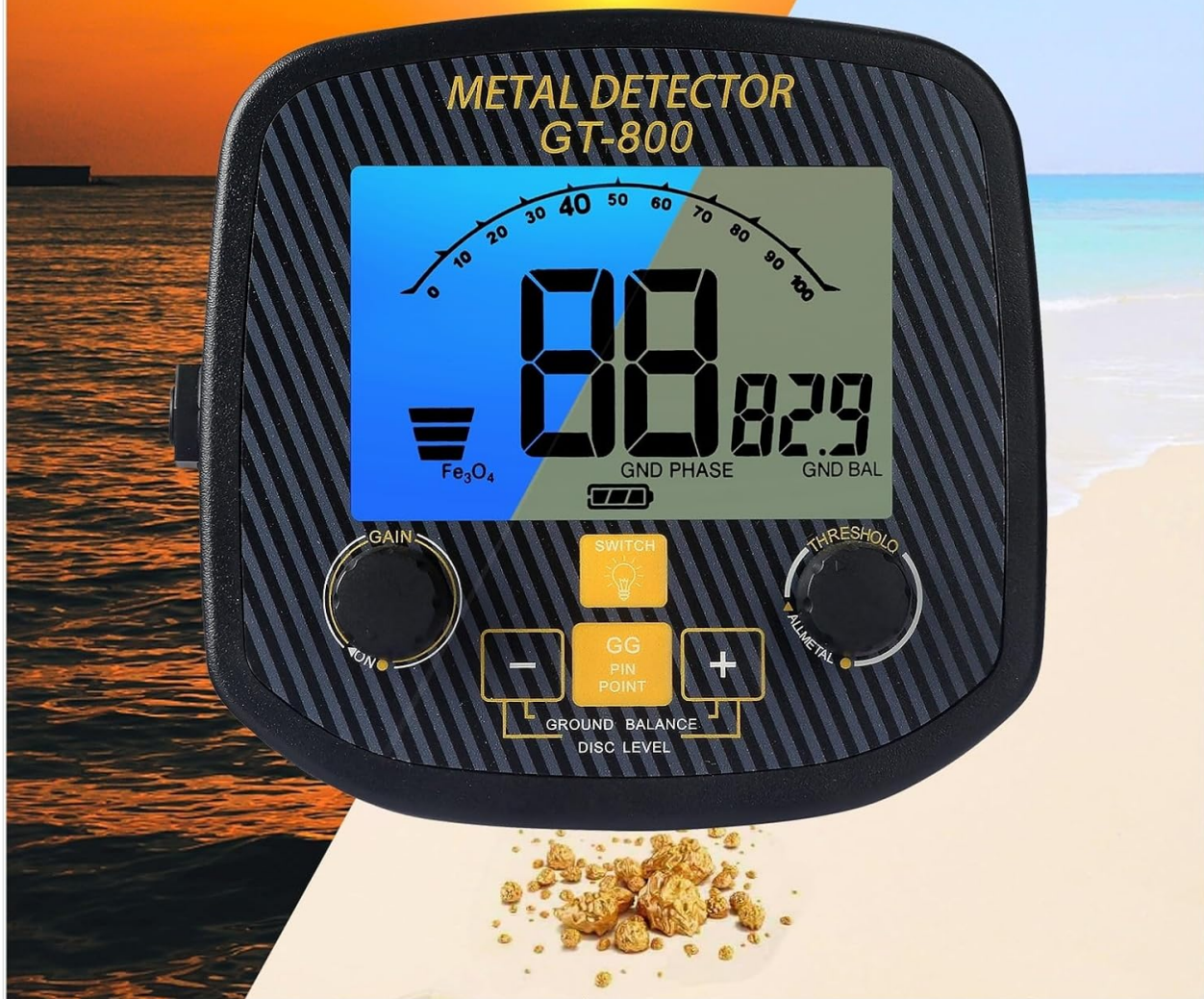


Figure 4: The screen backlight allows for clear visibility day or night.

MAINTENANCE

- **Cleaning:** Wipe the detector with a damp cloth after each use. Do not use abrasive cleaners or solvents.
- **Search Coil:** The search coil is waterproof. It can be submerged in water, but ensure the control unit is kept dry. Clean the coil thoroughly if used in saltwater.
- **Storage:** Store the detector in a dry, cool place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Battery Replacement:** Replace the 9V battery when the low battery indicator appears on the LCD.

WATERPROOF Coil

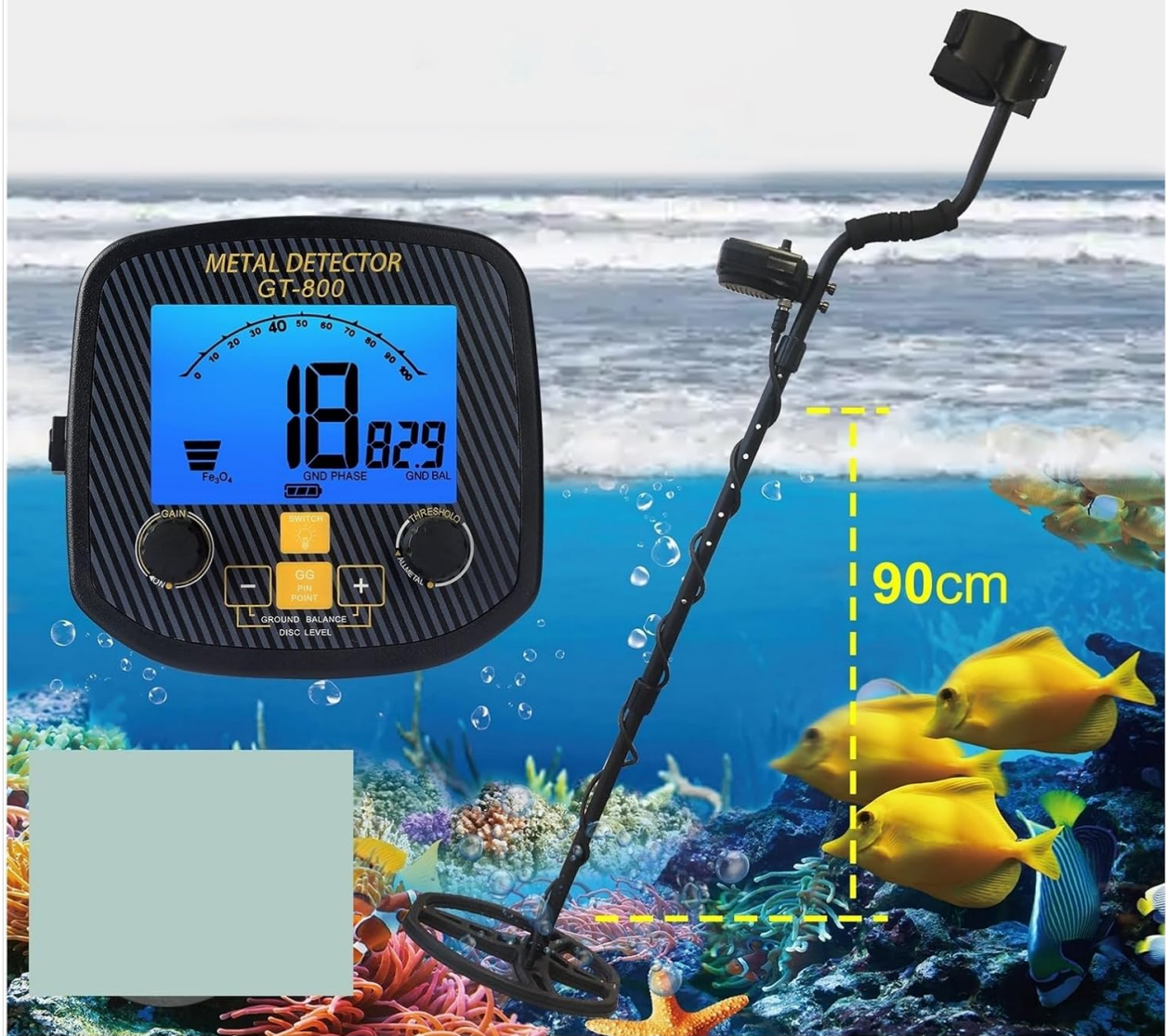


Figure 5: The waterproof search coil allows for detection in shallow water.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------------|--|--|
| No power | Dead or incorrectly installed battery | Replace battery with a fresh 9V battery, ensuring correct polarity. |
| Constant false signals / Chatter | High sensitivity (Gain), poor ground balance, electromagnetic interference | Reduce Gain. Perform ground balance. Move away from power lines or other electronic devices. |
| Detector not finding targets | Low sensitivity (Gain), incorrect mode, deep target | Increase Gain. Ensure correct mode (e.g., All Metal for maximum depth). Sweep slower. |
| LCD display is dim | Low battery | Replace the 9V battery. |



Figure 6: Dimensions of the GT800-1 Metal Detector.

- **Model:** GT800-1
- **Brand:** EliteBloom
- **Stretch Length:** 42 - 52 inches (107 - 130 cm)
- **Battery:** 1 x 9V (not included)
- **Working Voltage:** 9V
- **Basic Sensitivity (U.S. Coin):** 12-15 inches
- **Maximum Detect Depth:** 1.5 meters (for a 50 x 50 x 1.2 cm Aluminium Board)
- **Search Coil:** 11-inch DD, Waterproof, Interchangeable
- **Frequency:** 19 KHz, crystal control
- **Indication Modes:** LCD, Sound Indicator
- **Net Weight:** Approximately 1.4 kg
- **Features:** Earphone Jack, Volume Sensitivity Adjustment, Ground Balance

- **Ground Balance Range:** From ferrite to inclusive (0 to 99.9)
- **Battery Life:** Up to 15 hours
- **Operating Temperature:** -10°C to +50°C
- **Operating Humidity Range:** 0 to 90% non-condensing
- **Ports:** Audio Jack

WARRANTY INFORMATION

EliteBloom products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation included with your purchase or contact customer support.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your EliteBloom GT800-1 Metal Detector, please contact our customer support team. Refer to your purchase documentation for contact details or visit the EliteBloom official website for support options.